

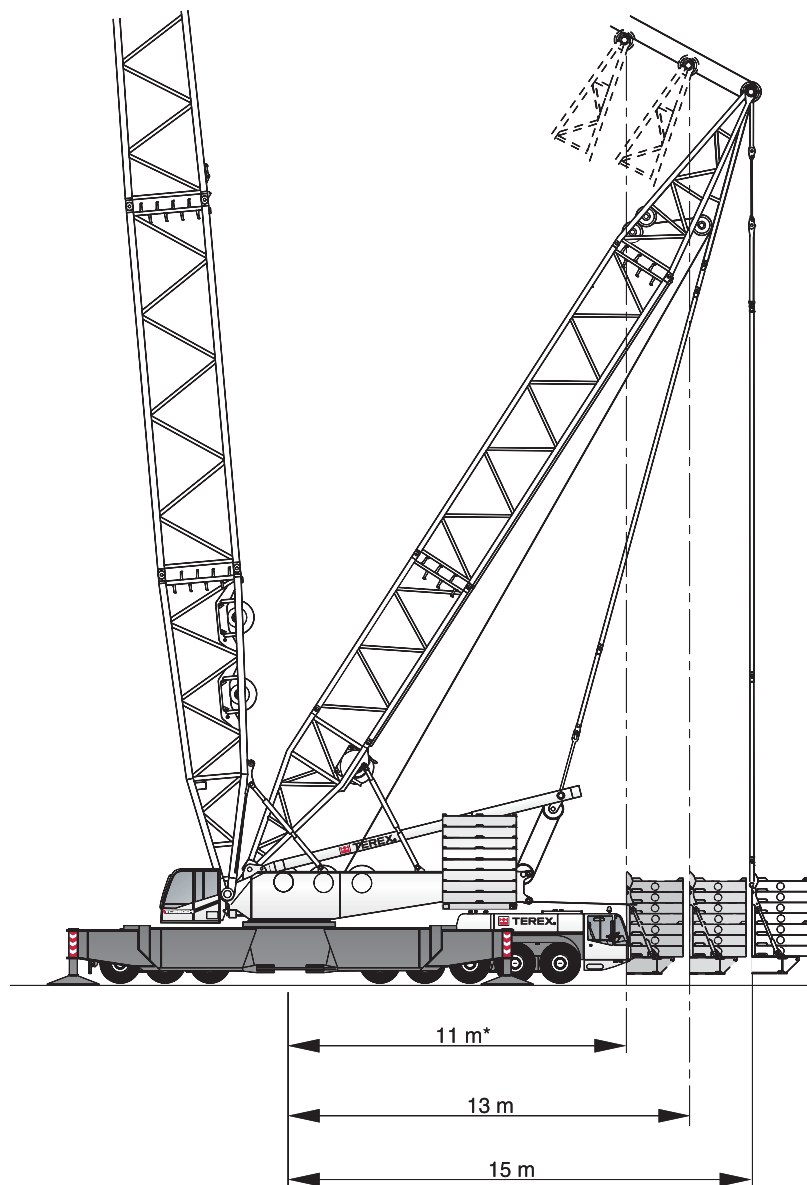
# 600 TONNE

## Demag TC2800-1 Truck Crane

### SUPERLIFT CONFIGURATIONS

STANDARD-SL

↔ 11 m\*, 13 m, 15 m



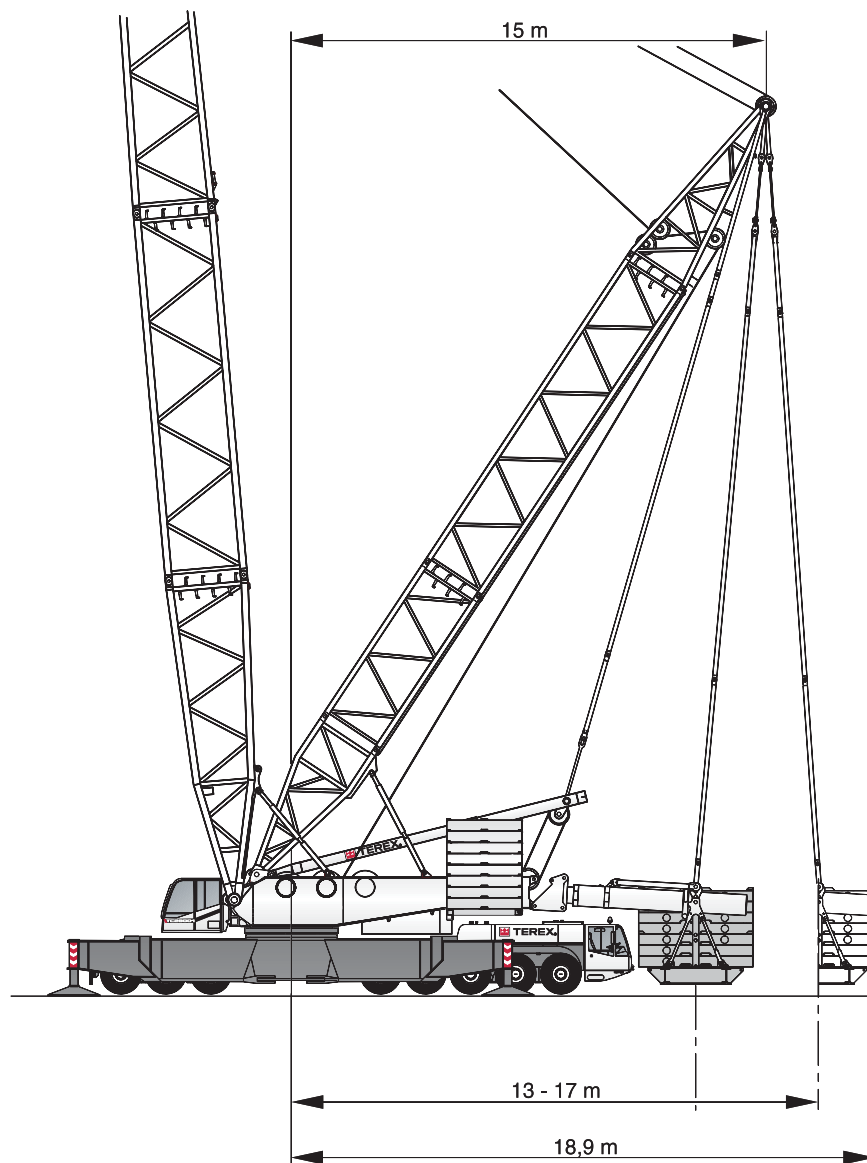
\* Working range limited due to cabin and outriggers



## SUPERLIFT CONFIGURATIONS

TELE-SL

↔ 13-17 m

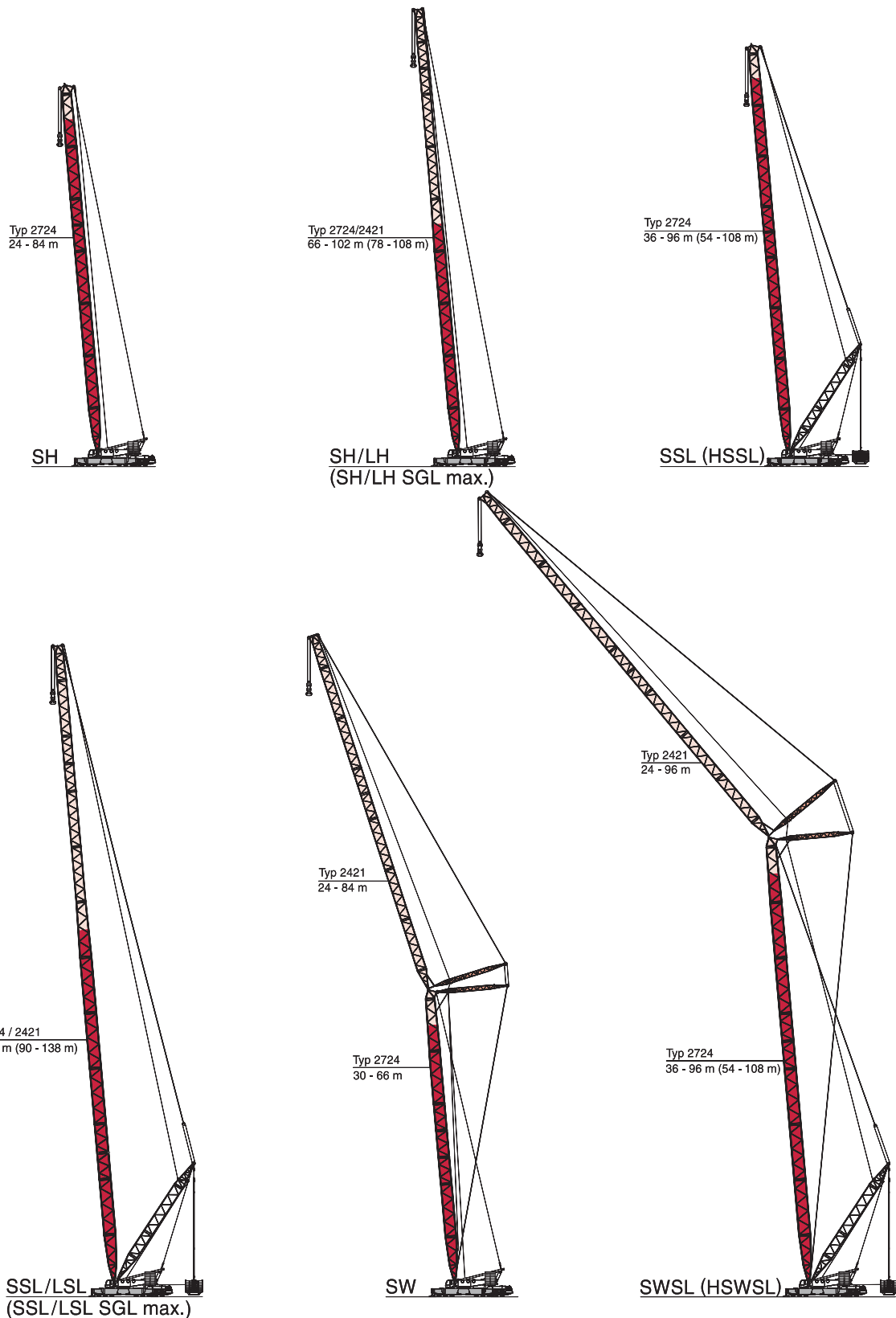


600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

## BOOM COMBINATIONS







# 600 TONNE

## Demag TC2800-1 Truck Crane

### ERECTION / LOWERING OF THE 2800-1 BOOM SYSTEMS TO THE GROUND

160 - 200 t		 11-15 m		 14 m x 14 m																			
Boom combination	Fly jib	Main boom																					
		m	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	
SH			X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	
SH/LH			-	-	-	-	-	-	-	X	X	X	X	X	X	(X)	-	-	-	-	-	-	
SH/LH SGLmax.			-	-	-	-	-	-	-	-	-	X	X	X	X	(X)	-	-	-	-	-	-	
SW	24		-	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-	-	-	-	
	30		-	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-	-	-	-	
	36		-	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-	-	-	-	
	42		-	X	X	X	X	X	X	(X)	-	-	-	-	-	-	-	-	-	-	-	-	
	48		-	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	
	54		-	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	
	60		-	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	
	66		-	X	X	X	X	X	X	(X)	-	-	-	-	-	-	-	-	-	-	-	-	
	72		-	X	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-	-	-	
78		-	X	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-	-	-		
84		-	X	X	X	X	X	X	X	[X]	-	-	-	-	-	-	-	-	-	-	-		
SH+LF2	12		-	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	
SH/LH+LF2	12		-	-	-	-	-	-	-	X	X	X	X	X	X	(X)	-	-	-	-	-	-	
SH/LH SGLmax. +LF2	12		-	-	-	-	-	-	-	-	-	X	X	X	[X]	[X]	-	-	-	-	-	-	
SSL			-	-	0	0	0	0	0	0	0	0	0	20	40	-	-	-	-	-	-	-	
HSSL			-	-	-	-	-	0	0	0	0	0	10	25	50	65	90	-	-	-	-	-	
SSL/LSL			-	-	-	-	-	-	-	-	-	-	-	0	15	30	20	35	45	65	80	100	
SSL/LSL SGLmax.			-	-	-	-	-	-	-	-	-	0	0	5	20	40	65	85	80	105	130	165	
LFVL			-	-	-	0	0	0	0	15	35	60	85	85	110	-	-	-	-	-	-	-	
SFVL			-	-	-	0	0	0	10	30	55	80	105	105	135	-	-	-	-	-	-	-	
SWSL / SFSL HSWSL <sup>1)</sup>	24		-	-	0	0	0	0	15	40	65	95	125	125	165	195	235	-	-	-	-	-	
	30		-	-	0	0	0	0	15	40	70	100	110	135	170	205	245	-	-	-	-	-	
	36		-	-	0	0	0	0	10	40	70	80	110	135	175	210	245	-	-	-	-	-	
	42		-	-	0	0	0	0	0	20	50	80	110	140	180	210	260	-	-	-	-	-	
	48		-	-	0	0	0	0	0	10	45	75	110	140	175	220	255	-	-	-	-	-	
	54		-	-	0	0	0	0	0	5	35	70	105	130	180	210	250	-	-	-	-	-	
	60		-	-	0	0	0	0	0	10	30	60	90	130	165	205	280*	-	-	-	-	-	
	66		-	-	0	0	0	0	0	10	35	60	85	115	155	-	-	-	-	-	-	-	
	72		-	-	0	0	0	0	0	15	40	65	90	110	145	-	-	-	-	-	-	-	
	78		-	-	0	0	0	0	0	20	45	65	95	115	150	-	-	-	-	-	-	-	
84		-	-	0	0	0	0	0	25	50	70	100	120	155	-	-	-	-	-	-	-		
90		-	-	0	0	0	0	5	25	50	75	100	-	-	-	-	-	-	-	-	-		
	96		-	-	0	0	0	0	5	30	55	80	105	-	-	-	-	-	-	-	-	-	
SSL+LF2	12		-	-	0	0	0	0	0	0	0	0	0	5	25	-	-	-	-	-	-	-	
HSSL+LF2	12		-	-	-	-	-	0	0	0	0	0	0	10	30	50	70	-	-	-	-	-	
SSL/LSL+LF2	12		-	-	-	-	-	-	-	-	-	-	-	0	15	30	40	55	70	85	105	125	
SSL/LSL SGLmax. +LF2	12		-	-	-	-	-	-	-	-	-	0	0	5	20	40	65	90	110	140	190	230	

#### Remarks

X no limitations

[X] with assist crane

<sup>1)</sup> HSWSL with SL-radius of 15 m without runner, no sheave set on 14 m main boom

\* SL-radius 13 m (15 m not erectable)

Values for LF with 10° jib offset; values may differ for other offsets .

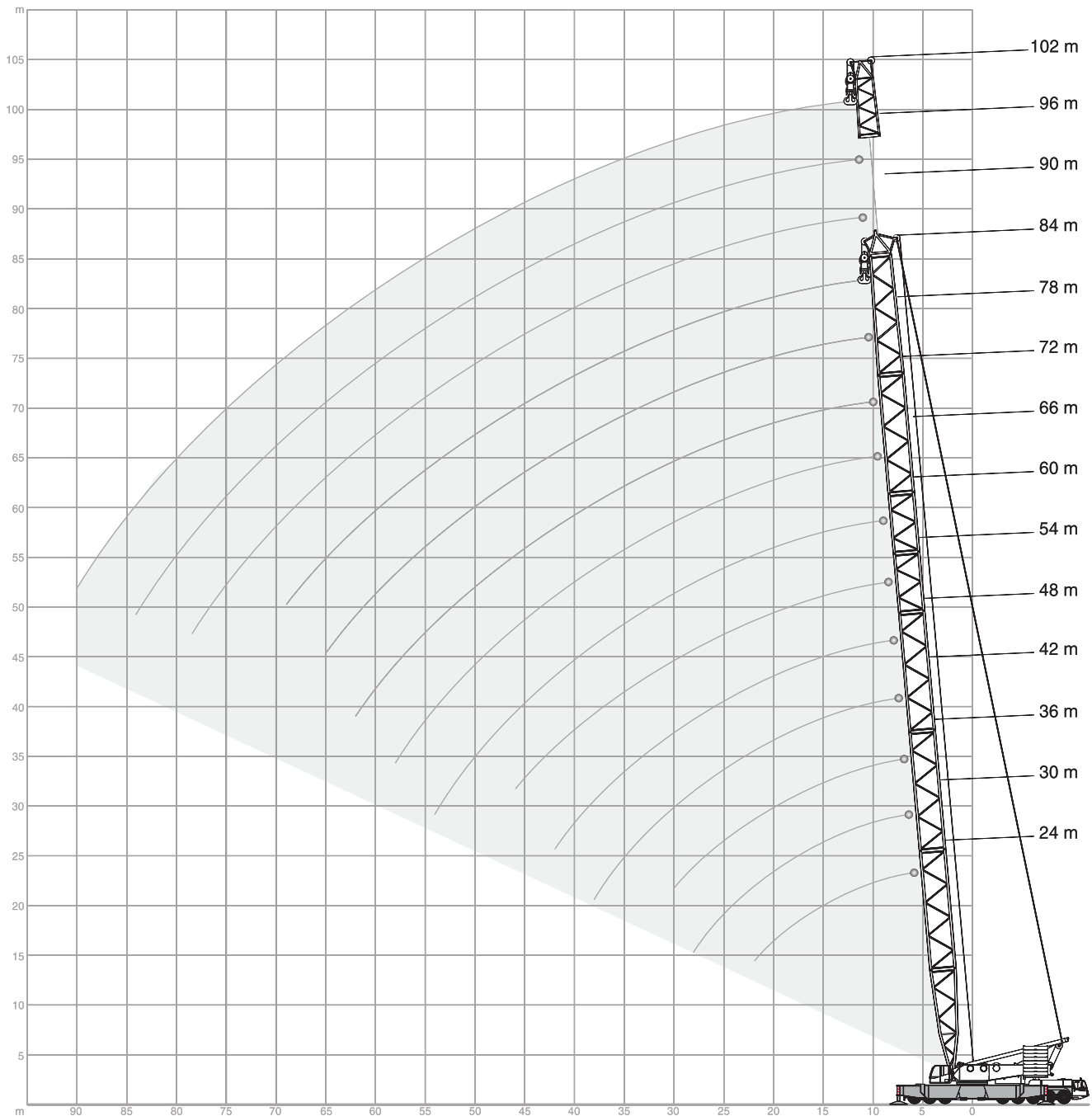
All Superlift combinations can be erected or lowered to the ground without assisting equipment. The stated numbers represent the necessary SL-counterweight in [t].

(X) erecting to the rear



## WORKING RANGE CHART

SH, SH / LH



600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

SH




200 t 14 m x 14 m 360° 9.8 m/s ISO												
	24,0 m	30,0 m	36,0 m	42,0 m	48,0 m	54,0 m	60,0 m	66,0 m	72,0 m	78,0 m	84,0 m	
m	t	t	t	t	t	t	t	t	t	t	t	m
6	600,0	-	-	-	-	-	-	-	-	-	-	6
7	552,0	549,0	545,0	-	-	-	-	-	-	-	-	7
8	508,0	505,0	501,0	498,0	495,0	-	-	-	-	-	-	8
9	461,0	457,0	454,0	451,0	449,0	447,0	415,0	-	-	-	-	9
10	414,0	411,0	408,0	405,0	403,0	401,0	393,0	343,0	301,0	-	-	10
12	337,0	334,0	332,0	329,0	327,0	325,0	324,0	315,0	278,0	256,0	212,0	12
14	284,0	281,0	278,0	276,0	274,0	272,0	270,0	269,0	262,0	215,0	210,0	14
16	245,0	242,0	239,0	237,0	234,0	232,0	231,0	229,0	228,0	200,0	177,0	16
18	214,0	210,0	207,0	204,0	201,0	199,0	198,0	196,0	195,0	185,0	164,0	18
20	187,0	186,0	181,0	178,0	176,0	174,0	172,0	170,0	169,0	166,0	152,0	20
22	161,0	159,0	157,0	155,0	154,0	153,0	152,0	150,0	148,0	147,0	142,0	22
24	-	139,0	137,0	135,0	133,0	133,0	132,0	131,0	130,0	130,0	127,0	24
26	-	123,0	121,0	119,0	117,0	116,0	115,0	114,0	114,0	113,0	111,0	26
28	-	110,0	108,0	106,0	104,0	103,0	102,0	101,0	100,0	99,5	98,0	28
30	-	-	97,0	95,0	93,5	92,5	91,5	90,5	89,5	88,5	87,0	30
34	-	-	-	78,5	76,5	75,5	74,5	73,5	72,5	71,5	70,0	34
38	-	-	-	66,5	64,5	63,0	62,0	60,5	59,5	59,0	57,0	38
42	-	-	-	-	55,5	53,5	52,5	51,0	50,0	49,2	47,4	42
46	-	-	-	-	-	46,6	45,0	43,7	42,5	41,2	39,2	46
50	-	-	-	-	-	-	39,1	37,5	36,0	34,7	32,6	50
54	-	-	-	-	-	-	34,2	32,4	30,7	29,3	27,2	54
58	-	-	-	-	-	-	-	28,2	26,3	24,8	22,7	58
62	-	-	-	-	-	-	-	-	22,7	21,1	18,9	62
66	-	-	-	-	-	-	-	-	-	18,0	15,7	66
70	-	-	-	-	-	-	-	-	-	15,5	13,0	70
74	-	-	-	-	-	-	-	-	-	-	10,8	74
78	-	-	-	-	-	-	-	-	-	-	-	78

160 t 14 m x 14 m 360° 9.8 m/s ISO												
	24,0 m	30,0 m	36,0 m	42,0 m	48,0 m	54,0 m	60,0 m	66,0 m	72,0 m	78,0 m	84,0 m	
m	t	t	t	t	t	t	t	t	t	t	t	m
6	600,0	-	-	-	-	-	-	-	-	-	-	6
7	549,0	545,0	542,0	-	-	-	-	-	-	-	-	7
8	496,0	493,0	490,0	487,0	484,0	-	-	-	-	-	-	8
9	440,0	437,0	434,0	431,0	429,0	427,0	415,0	-	-	-	-	9
10	391,0	388,0	385,0	382,0	380,0	378,0	377,0	343,0	301,0	-	-	10
12	318,0	316,0	313,0	310,0	308,0	306,0	305,0	290,0	276,0	256,0	212,0	12
14	268,0	265,0	262,0	260,0	258,0	256,0	247,0	237,0	227,0	215,0	208,0	14
16	231,0	228,0	225,0	223,0	220,0	215,0	207,0	199,0	191,0	184,0	177,0	16
18	189,0	187,0	186,0	184,0	183,0	183,0	177,0	170,0	164,0	158,0	152,0	18
20	158,0	156,0	155,0	153,0	152,0	151,0	150,0	148,0	143,0	138,0	133,0	20
22	135,0	133,0	132,0	130,0	129,0	128,0	127,0	126,0	126,0	122,0	118,0	22
24	-	116,0	114,0	112,0	111,0	110,0	109,0	108,0	108,0	107,0	105,0	24
26	-	102,0	100,0	98,5	97,0	96,0	95,5	94,5	93,5	93,0	91,5	26
28	-	92,0	89,5	87,5	86,0	85,0	84,0	83,0	82,0	81,5	80,0	28
30	-	-	80,5	78,5	76,5	75,5	74,5	73,5	73,0	72,0	70,5	30
34	-	-	-	64,5	62,5	61,0	60,0	59,0	58,0	57,0	55,5	34
38	-	-	-	54,0	52,0	50,5	49,6	48,5	47,5	46,6	44,6	38
42	-	-	-	-	44,6	42,9	41,5	40,2	38,9	37,7	35,7	42
46	-	-	-	-	-	36,7	34,9	33,4	32,0	30,8	28,7	46
50	-	-	-	-	-	-	29,7	28,0	26,5	25,2	23,1	50
54	-	-	-	-	-	-	25,5	23,7	22,0	20,6	18,5	54
58	-	-	-	-	-	-	-	20,2	18,3	16,8	14,6	58
62	-	-	-	-	-	-	-	-	15,3	13,7	11,4	62
66	-	-	-	-	-	-	-	-	-	11,1	8,8	66
70	-	-	-	-	-	-	-	-	-	9,0	6,6	70



## RATED LIFTING CAPACITY

SH / LH

 14 m x 14 m				360°				 9.8 m/s				ISO												
	66 m						72 m						78 m						84 m					
	SH/LH			SH/LH SGLmax.			SH/LH			SH/LH SGLmax.			SH/LH			SH/LH SGLmax.			SH/LH			SH/LH SGLmax.		
	160 t		200 t	160 t		200 t	160 t		200 t	160 t		200 t	160 t		200 t	160 t		200 t	160 t		200 t			
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t			
9	298,0	298,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10	298,0	298,0	-	268,0	268,0	-	202,0	202,0	222,0	-	-	-	-	-	-	-	-	-	-	-	-			
11	290,5	290,5	-	268,0	268,0	-	202,0	202,0	222,0	-	-	-	-	-	-	-	-	-	-	215,0	-			
12	283,0	283,0	-	268,0	268,0	-	202,0	202,0	222,0	-	169,0	169,0	215,0	-	-	-	-	-	-	-	-			
14	236,0	236,0	-	220,0	220,0	-	178,0	178,0	193,0	-	150,0	150,0	204,0	-	-	-	-	-	-	-	-			
16	202,0	209,0	-	193,0	193,0	-	158,0	158,0	167,0	-	133,0	133,0	184,0	-	-	-	-	-	-	-	-			
18	174,0	184,0	-	168,0	170,0	-	140,0	140,0	145,0	-	119,0	119,0	166,0	-	-	-	-	-	-	-	-			
20	152,0	162,0	-	148,0	150,0	-	125,0	125,0	127,0	-	107,0	107,0	149,0	-	-	-	-	-	-	-	-			
22	132,0	145,0	-	131,0	134,0	-	112,0	112,0	112,0	-	96,0	96,0	134,0	-	-	-	-	-	-	-	-			
24	114,0	134,0	-	114,0	123,0	-	102,0	102,0	101,0	-	87,0	87,0	120,0	-	-	-	-	-	-	-	-			
26	100,0	120,0	-	100,0	114,0	-	95,0	95,0	95,0	-	80,0	80,0	107,0	-	-	-	-	-	-	-	-			
28	89,0	107,0	-	89,0	105,0	-	88,0	88,0	89,5	-	73,0	73,0	99,5	-	-	-	-	-	-	-	-			
30	79,5	96,5	-	79,5	96,0	-	79,0	81,5	84,0	-	67,5	67,5	94,0	-	-	-	-	-	-	-	-			
34	65,0	79,0	-	64,5	79,0	-	64,5	69,5	72,5	-	58,0	58,0	76,5	-	-	-	-	-	-	-	-			
38	54,0	66,5	-	54,0	66,0	-	53,5	60,0	61,5	-	49,4	49,4	63,5	-	-	-	-	-	-	-	-			
42	46,0	57,0	-	45,6	56,5	-	45,2	51,0	50,0	-	41,5	41,5	54,0	-	-	-	-	-	-	-	-			
46	39,4	49,3	-	39,0	48,8	-	38,6	45,0	41,2	-	35,0	35,0	46,1	-	-	-	-	-	-	-	-			
50	34,1	43,0	-	33,6	42,0	-	33,1	39,0	37,3	-	31,0	31,0	39,8	-	-	-	-	-	-	-	-			
54	29,7	38,0	-	29,0	37,0	-	28,4	34,0	33,4	-	27,0	27,0	34,3	-	-	-	-	-	-	-	-			
58	25,9	33,8	-	25,2	33,0	-	24,5	30,0	29,5	-	23,4	25,0	29,6	-	-	-	-	-	-	-	-			
62	-	-	-	21,9	29,0	-	21,2	26,0	25,6	-	20,0	22,0	25,6	-	-	-	-	-	-	-	-			
66	-	-	-	-	-	-	18,4	22,0	21,7	-	17,2	19,0	22,3	-	-	-	-	-	-	-	-			
70	-	-	-	-	-	-	16,0	18,0	17,8	-	14,7	16,0	19,4	-	-	-	-	-	-	-	-			
74	-	-	-	-	-	-	-	-	-	-	12,0	12,0	16,9	-	-	-	-	-	-	-	-			
75	-	-	-	-	-	-	-	-	-	-	-	-	16,3	-	-	-	-	-	-	-	-			

	90 m						96 m					
	SH/LH			SH/LH SGLmax.			SH/LH			SH/LH SGLmax.		
	160 t		200 t	160 t		200 t	160 t		200 t	160 t		200 t
	t	t	t	t	t	t	t	t	t	t	t	t
m												
12	154,0	154,0	202,0	137,0	137,0	159,0	-	-	-	-	-	-
13	154,0	154,0	197,0	137,0	137,0	159,0	-	-	-	145,0	-	-
14	154,0	154,0	192,0	137,0	137,0	159,0	108,0	108,0	145,0	-	-	-
16	142,0	142,0	172,0	127,0	127,0	150,0	103,0	103,0	140,0	-	-	-
18	131,0	131,0	154,0	118,0	118,0	140,0	98,5	98,5	130,0	-	-	-
20	123,0	123,0	138,0	110,0	110,0	131,0	93,5	93,5	120,0	-	-	-
22	115,0	115,0	123,0	104,0	104,0	122,0	89,0	89,0	111,0	-	-	-
24	108,0	109,0	111,0	98,0	98,0	112,0	84,5	84,5	102,0	-	-	-
26	97,5	103,0	100,0	93,0	93,0	101,0	80,0	80,0	94,0	-	-	-
28	87,5	97,0	90,5	86,0	89,0	92,5	75,5	75,5	86,0	-	-	-
30	78,0	92,0	85,0	77,5	84,0	83,5	71,5	71,5	78,0	-	-	-
34	63,0	77,0	75,5	62,5	76,0	68,0	62,5	64,0	66,5	-	-	-
38	52,0	64,5	62,5	51,5	63,0	55,5	51,0	57,5	60,0	-	-	-
42	43,8	54,5	52,5	43,3	54,0	45,6	42,9	51,5	51,0	-	-	-
46	37,1	47,0	44,9	36,5	46,4	38,5	36,0	45,6	43,2	-	-	-
50	31,4	40,6	38,4	30,6	40,0	34,1	30,1	39,6	36,3	-	-	-
54	26,6	35,3	32,8	25,8	34,5	32,0	25,3	34,0	30,6	-	-	-
58	22,6	30,6	28,0	21,8	29,8	27,3	21,2	29,3	25,9	-	-	-
62	19,2	26,6	24,1	18,4	25,8	23,2	17,8	25,2	21,8	-	-	-
66	16,3	23,2	20,6	15,5	22,4	19,8	14,8	21,8	18,3	-	-	-
70	13,8	20,3	17,7	12,9	19,4	16,8	12,3	18,6	15,3	-	-	-
74	11,7	17,8	15,1	10,8	16,9	14,2	10,1	15,5	12,7	-	-	-
78	9,8	15,5	12,9	8,8	14,6	11,9	8,1	12,7	10,4	-	-	-
80	-	-	11,9	8,0	13,6	10,9	7,2	11,5	9,3	-	-	-
82	-	-	-	7,2	12,6	10,0	6,4	10,4	8,3	-	-	-
85	-	-	-	-	-	8,6	5,2	8,9	6,9	-	-	-
86	-	-	-	-	-	-	4,9	8,4	6,5	-	-	-
87	-	-	-	-	-	-	-	8,0	6,1	-	-	-
90	-	-	-	-	-	-	-	6,8	5,0	-	-	-

### Remarks

For SH/LH SGLmax. a boom power-kit is required

600 TONNE Demag TC2800-1

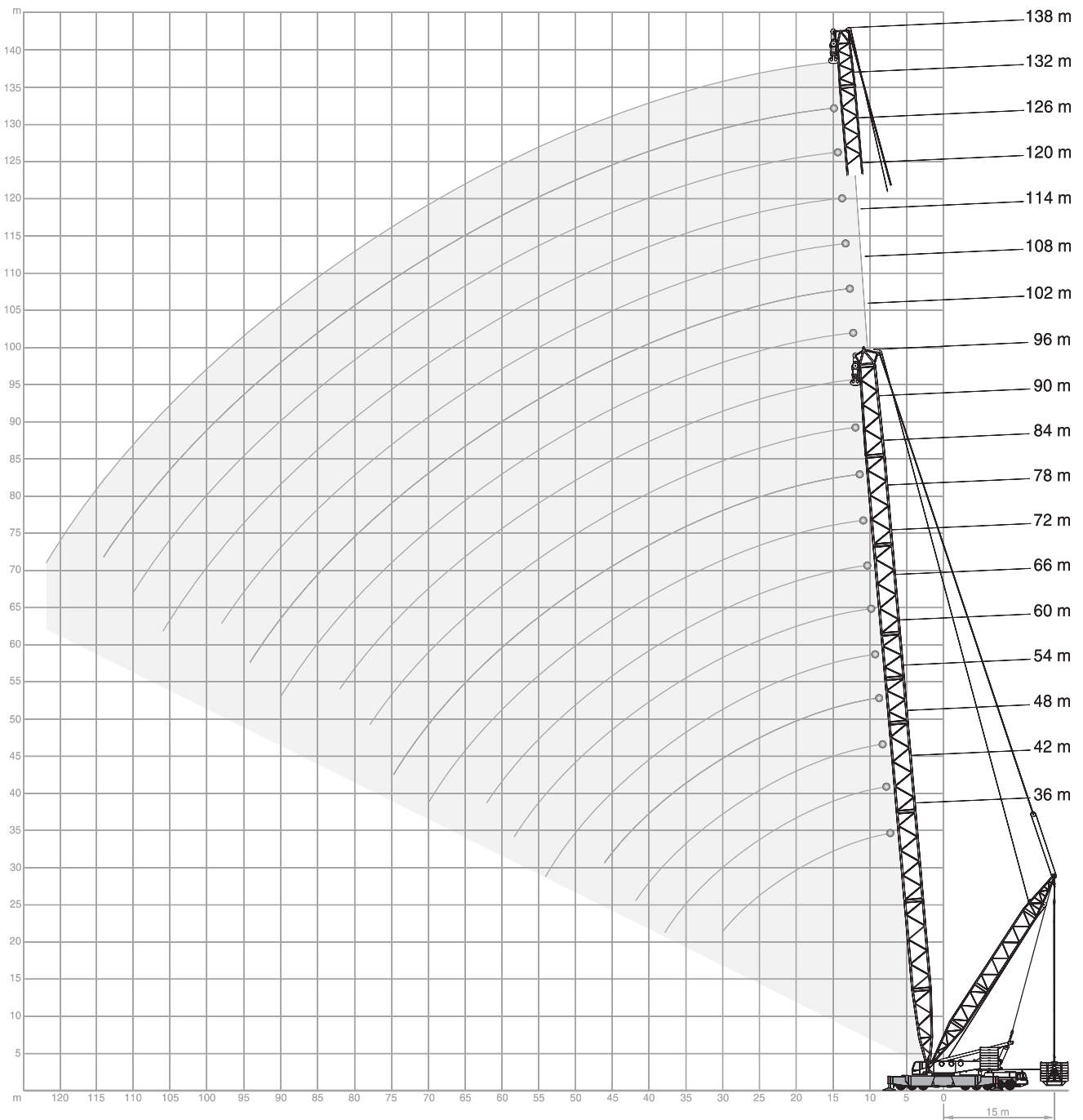


# 600 TONNE

## Demag TC2800-1 Truck Crane

### WORKING RANGE CHART

SSL / HSSL, SSL / LSL





## RATED LIFTING CAPACITY

### SSL / HSSL

160 t 14 m x 14 m 360° 9.8 m/s ISO

	36 m				42 m				48 m				54 m			
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL	
	0 t		0 t-300 t		0 t		0 t-300 t		0 t		0 t-300 t		0 t		0 t-300 t	
	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
7	544,0	600,0	600,0	-	-	-	-	-	-	-	-	-	-	-	-	-
8	499,0	600,0	600,0	-	496,0	593,0	593,0	-	494,0	580,0	580,0	-	-	-	-	-
9	427,0	600,0	600,0	-	425,0	593,0	593,0	-	426,0	580,0	580,0	-	427,0	525,0	525,0	525,0
10	369,0	599,0	599,0	-	367,0	593,0	593,0	-	367,0	580,0	580,0	-	368,0	525,0	525,0	525,0
12	289,0	534,0	566,0	-	287,0	531,0	563,0	-	286,0	529,0	560,0	-	286,0	525,0	525,0	525,0
14	236,0	476,0	504,0	-	233,0	473,0	501,0	-	232,0	470,0	498,0	-	232,0	468,0	496,0	466,0
16	198,0	428,0	454,0	-	196,0	425,0	451,0	-	194,0	423,0	448,0	-	193,0	421,0	446,0	419,0
18	170,0	389,0	412,0	-	167,0	386,0	409,0	-	166,0	384,0	407,0	-	165,0	382,0	405,0	380,0
20	148,0	356,0	371,0	-	146,0	353,0	375,0	-	144,0	351,0	372,0	-	143,0	349,0	371,0	347,0
22	131,0	323,0	323,0	-	128,0	322,0	343,0	-	127,0	320,0	341,0	-	125,0	318,0	339,0	307,0
24	118,0	284,0	284,0	-	114,0	294,0	305,0	-	112,0	292,0	311,0	-	111,0	291,0	309,0	275,0
26	106,0	251,0	251,0	-	104,0	269,0	273,0	-	100,0	267,0	284,0	-	99,5	266,0	284,0	247,0
28	97,0	228,0	222,0	-	94,0	245,0	245,0	-	91,0	244,0	256,0	-	89,5	244,0	262,0	224,0
30	88,5	203,0	196,0	-	85,5	220,0	220,0	-	83,5	226,0	234,0	-	80,5	224,0	239,0	205,0
34	-	-	-	-	71,5	181,0	178,0	-	69,5	194,0	194,0	-	68,0	194,0	202,0	174,0
38	-	-	-	-	60,5	149,0	143,0	-	58,5	161,0	161,0	-	57,0	170,0	171,0	147,0
42	-	-	-	-	-	-	-	-	50,0	138,0	133,0	-	48,5	146,0	146,0	125,0
46	-	-	-	-	-	-	-	-	-	-	-	-	41,9	124,0	123,0	106,0
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93,0

	60 m				66 m				72 m				78 m			
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL	
	0 t		0 t-300 t		0 t		0 t-300 t		0 t		0 t-300 t		0 t		0 t-300 t	
	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m	11-15m	17m
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
9	426,0	476,0	476,0	476,0	-	-	-	-	-	-	-	-	-	-	-	-
10	368,0	476,0	476,0	476,0	369,0	414,0	414,0	421,0	350,0	373,0	373,0	393,0	-	-	-	-
11	327,0	476,0	476,0	476,0	327,0	414,0	414,0	421,0	318,0	373,0	373,0	393,0	-	-	-	364,0
12	286,0	476,0	476,0	476,0	285,0	414,0	414,0	421,0	286,0	373,0	373,0	393,0	285,0	316,0	316,0	364,0
14	231,0	466,0	476,0	464,0	231,0	414,0	414,0	421,0	231,0	373,0	373,0	393,0	231,0	316,0	316,0	364,0
16	193,0	419,0	445,0	417,0	192,0	409,0	409,0	415,0	192,0	373,0	373,0	393,0	191,0	316,0	316,0	364,0
18	164,0	380,0	403,0	378,0	163,0	378,0	388,0	376,0	163,0	362,0	362,0	374,0	162,0	315,0	315,0	364,0
20	142,0	347,0	369,0	344,0	141,0	346,0	367,0	335,0	140,0	344,0	345,0	329,0	139,0	306,0	306,0	322,0
22	124,0	317,0	337,0	305,0	123,0	315,0	336,0	298,0	122,0	314,0	328,0	293,0	121,0	298,0	298,0	286,0
24	110,0	289,0	308,0	274,0	109,0	287,0	306,0	268,0	108,0	286,0	305,0	264,0	107,0	285,0	290,0	258,0
26	98,0	265,0	283,0	247,0	97,0	264,0	281,0	243,0	96,0	262,0	279,0	239,0	95,0	261,0	273,0	234,0
28	88,0	243,0	261,0	225,0	86,5	242,0	259,0	221,0	85,5	242,0	256,0	218,0	84,5	240,0	250,0	214,0
30	79,5	224,0	240,0	205,0	78,0	223,0	238,0	203,0	77,0	222,0	235,0	200,0	76,0	222,0	231,0	196,0
34	65,5	192,0	204,0	174,0	64,0	191,0	204,0	172,0	63,0	191,0	202,0	171,0	61,5	190,0	199,0	168,0
38	55,5	169,0	176,0	150,0	53,5	167,0	176,0	148,0	52,0	166,0	176,0	148,0	50,5	166,0	173,0	146,0
42	47,1	150,0	152,0	130,0	45,8	149,0	155,0	130,0	43,5	147,0	154,0	128,0	42,2	146,0	153,0	127,0
46	40,3	131,0	131,0	112,0	38,8	133,0	135,0	113,0	37,2	132,0	137,0	114,0	35,9	131,0	136,0	113,0
50	34,8	113,0	113,0	96,5	33,1	118,0	118,0	99,5	31,4	119,0	121,0	100,0	30,0	118,0	121,0	100,0
54	30,3	100,0	96,5	82,0	28,4	103,0	103,0	86,5	26,6	107,0	107,0	88,5	25,1	107,0	108,0	89,0
58	-	-	-	-	24,6	91,0	89,5	75,0	22,6	94,5	94,5	78,0	21,0	96,5	96,5	79,0
59	-	-	-	-	-	-	-	72,0	21,7	91,5	91,5	75,5	20,1	93,7	93,7	76,7
62	-	-	-	-	-	-	-	-	19,3	82,5	82,5	68,0	17,5	85,5	85,5	70,0
65	-	-	-	-	-	-	-	-	-	-	-	61,0	15,3	78,0	78,0	63,6
66	-	-	-	-	-	-	-	-	-	-	-	-	14,6	75,5	75,5	61,5
70	-	-	-	-	-	-	-	-	-	-	-	-	12,2	69,0	66,0	53,5

#### Remarks

For HSSL a boom power-kit is required






600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SSL / HSSL

 160 t		 14 m x 14 m				360°		 9.8 m/s				ISO		
	 84 m				90 m				96 m				102 m	108 m
	SSL		HSSL		SSL		HSSL		SSL		HSSL		HSSL	HSSL
	0 t	0 t-300 t			0 t	0 t-300 t			0 t	0 t-300 t			0 t-300 t	
	11-15m		17 m	11-15m	11-15m		17 m	11-15m	11-15m		17 m	11-15m	11-15m	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t
11	-	-	-	307,0	-	-	-	-	-	-	-	-	-	-
12	272,0	281,0	281,0	307,0	233,0	238,0	238,0	289,0	203,0	208,0	208,0	253,0	-	-
13	249,0	281,0	281,0	307,0	225,0	238,0	238,0	288,5	203,0	208,0	208,0	252,5	218,0	191,0
14	226,0	281,0	281,0	307,0	217,0	238,0	238,0	288,0	203,0	208,0	208,0	252,0	218,0	191,0
16	189,0	281,0	281,0	307,0	185,0	238,0	238,0	287,0	178,0	208,0	208,0	250,0	215,0	189,0
18	160,0	281,0	281,0	307,0	159,0	238,0	238,0	286,0	154,0	208,0	208,0	248,0	212,0	187,0
20	137,0	278,0	278,0	307,0	137,0	237,0	237,0	284,0	136,0	208,0	208,0	246,0	210,0	184,0
22	119,0	271,0	271,0	276,0	119,0	233,0	233,0	271,0	117,0	205,0	205,0	242,0	208,0	182,0
24	105,0	265,0	265,0	248,0	104,0	229,0	229,0	243,0	103,0	201,0	201,0	236,0	203,0	179,0
26	92,5	259,0	259,0	226,0	91,5	225,0	225,0	221,0	90,5	197,0	197,0	215,0	198,0	174,0
28	82,5	238,0	241,0	206,0	81,5	220,0	220,0	202,0	80,0	193,0	193,0	196,0	191,0	170,0
30	73,5	220,0	223,0	190,0	72,5	212,0	212,0	186,0	71,5	189,0	189,0	180,0	175,0	165,0
34	59,5	188,0	192,0	162,0	58,5	188,0	188,0	159,0	57,0	176,0	176,0	154,0	150,0	144,0
38	48,6	164,0	168,0	141,0	47,5	163,0	164,0	138,0	46,0	160,0	160,0	134,0	130,0	125,0
42	39,9	145,0	148,0	124,0	38,7	144,0	145,0	122,0	37,2	142,0	142,0	117,0	115,0	110,0
46	32,8	129,0	132,0	109,0	31,6	128,0	130,0	107,0	30,0	127,0	127,0	104,0	101,0	97,0
50	27,7	116,0	119,0	97,5	25,7	115,0	116,0	95,5	24,1	113,0	114,0	92,5	90,5	86,5
54	22,7	105,0	106,0	86,5	21,4	104,0	105,0	86,0	19,1	102,0	102,0	82,5	81,0	77,0
58	18,6	95,5	95,5	77,5	17,2	94,5	95,0	76,5	15,5	93,0	93,0	74,0	72,5	69,0
62	15,0	85,5	85,5	69,0	13,6	85,5	85,5	69,0	11,9	84,0	84,0	66,0	65,5	62,5
66	12,0	76,5	76,5	61,5	10,5	77,0	77,0	62,0	8,7	76,0	76,0	59,5	58,5	56,0
70	9,5	68,0	68,0	54,5	7,9	69,0	69,0	55,0	6,0	69,0	69,0	53,0	52,5	50,0
74	7,4	62,0	60,0	47,7	5,6	62,0	62,0	49,3	-	62,0	62,0	47,7	47,6	45,0
75	-	-	-	46,1	-	60,2	60,2	47,8	-	60,3	60,3	46,3	46,3	43,8
78	-	-	-	-	-	56,0	55,0	43,4	-	55,5	55,5	42,3	42,6	40,4
80	-	-	-	-	-	-	-	40,5	-	52,5	52,5	39,7	40,3	38,2
82	-	-	-	-	-	-	-	-	-	50,5	49,5	37,2	38,0	36,1
85	-	-	-	-	-	-	-	-	-	-	-	33,5	34,7	33,0
86	-	-	-	-	-	-	-	-	-	-	-	-	33,6	32,0
90	-	-	-	-	-	-	-	-	-	-	-	-	29,3	28,2
91	-	-	-	-	-	-	-	-	-	-	-	-	28,2	27,2
94	-	-	-	-	-	-	-	-	-	-	-	-	-	24,4
96	-	-	-	-	-	-	-	-	-	-	-	-	-	22,6

#### Remarks

For HSSL a boom power-kit is required



## RATED LIFTING CAPACITY

### SSL / LSL

160 t 11-15 m 14 m x 14 m 360° 9.8 m/s ISO									
m	90 m			96 m			102 m		
	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.
	0 t	0 t-300 t		0 t	0 t-300 t		0 t	0 t-300 t	
12	239,0	248,0	249,0	207,0	215,0	224,0	-	-	-
13	230,0	248,0	249,0	206,5	214,5	223,0	-	-	204,0
14	221,0	248,0	249,0	206,0	214,0	222,0	173,0	181,0	203,0
16	189,0	248,0	249,0	183,0	213,0	220,0	171,0	179,0	199,0
18	164,0	248,0	249,0	159,0	212,0	217,0	155,0	178,0	196,0
20	144,0	246,0	247,0	141,0	211,0	215,0	137,0	176,0	193,0
22	126,0	241,0	241,0	125,0	209,0	210,0	122,0	174,0	190,0
24	111,0	235,0	236,0	111,0	205,0	205,0	109,0	172,0	185,0
26	99,0	230,0	230,0	99,0	202,0	200,0	98,5	170,0	180,0
28	89,0	224,0	211,0	88,5	199,0	195,0	88,0	168,0	175,0
30	80,0	212,0	195,0	79,5	194,0	188,0	79,5	166,0	170,0
34	66,0	191,0	169,6	65,5	178,0	165,3	65,0	156,0	156,6
38	54,5	169,0	148,0	54,0	163,0	145,3	54,0	145,0	141,6
42	46,1	149,0	130,0	45,5	148,0	128,0	45,1	134,0	125,0
46	38,9	133,0	116,6	38,3	133,0	114,6	37,8	124,0	111,6
50	33,0	120,0	104,8	32,3	120,0	102,8	31,8	114,0	100,1
54	28,6	109,0	94,5	27,3	108,0	92,5	26,8	107,0	90,5
58	24,3	100,0	85,1	23,6	99,5	84,1	22,4	98,5	82,5
62	20,6	91,5	77,1	19,8	91,0	76,3	19,2	91,0	74,8
66	17,3	84,0	69,5	16,6	83,0	69,0	16,0	83,5	67,5
70	14,5	76,0	63,1	13,7	76,0	63,0	13,1	77,0	61,5
74	12,0	68,5	56,8	11,2	69,0	57,1	10,5	70,0	56,0
78	9,9	61,0	50,5	9,0	63,0	51,5	8,3	64,0	51,0
80	-	-	47,7	8,0	59,7	48,9	7,3	61,0	48,6
82	-	-	-	7,0	56,5	46,3	6,3	58,0	46,2
85	-	-	-	-	-	42,5	4,9	53,8	42,6
86	-	-	-	-	-	-	4,5	52,5	41,4
90	-	-	-	-	-	-	-	48,3	36,8

m	108 m			114 m			120 m		
	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.	SSL/LSL		SSL/LSL SGLmax.
	0 t	0 t-300 t		0 t	0 t-300 t		0 t	0 t-300 t	
13	-	-	183,0	-	-	-	-	-	-
14	147,0	153,0	183,0	129,0	134,0	162,0	119,0	122,0	146,0
16	143,0	150,0	181,0	126,0	132,0	161,0	117,0	121,0	146,0
18	139,0	147,0	180,0	124,0	131,0	160,0	115,0	120,0	145,0
20	133,0	145,0	178,0	121,0	129,0	159,0	112,0	118,0	144,0
22	118,0	142,0	176,0	115,0	127,0	158,0	110,0	117,0	143,0
24	106,0	139,0	174,0	103,0	126,0	157,0	101,0	115,0	142,0
26	96,5	136,0	171,0	94,0	124,0	155,0	92,0	114,0	141,0
28	87,0	133,0	169,0	85,5	122,0	154,0	83,5	112,0	140,0
30	78,0	130,0	166,0	78,0	120,0	152,0	76,5	111,0	138,0
34	64,0	124,0	150,6	63,5	117,0	144,6	63,5	107,0	134,6
38	52,5	119,0	136,6	52,5	113,0	133,0	52,0	104,0	126,0
42	43,9	114,0	120,0	43,6	108,0	117,0	43,4	100,0	112,0
46	36,7	108,0	107,3	36,3	104,0	104,6	36,1	97,0	100,3
50	30,6	103,0	96,1	30,3	99,0	93,6	30,0	93,0	89,8
54	25,6	98,0	86,5	25,2	95,0	84,0	24,9	90,0	80,5
58	21,2	93,0	78,5	20,8	91,0	76,3	20,6	86,0	72,8
62	18,0	88,0	71,3	17,0	86,0	69,3	16,8	82,0	65,8
66	14,7	82,0	65,0	14,3	81,5	63,0	13,5	79,0	59,5
70	11,8	75,5	59,0	11,4	74,5	57,3	11,1	73,5	54,5
74	9,3	69,0	53,5	8,8	68,5	52,0	8,5	68,0	49,7
78	7,0	63,5	48,7	6,5	63,0	47,1	6,2	62,5	45,1
82	5,0	58,0	44,3	4,4	58,0	42,8	4,2	58,0	40,8
86	-	53,0	40,0	-	53,0	38,7	-	53,0	36,8
90	-	48,0	35,9	-	48,8	34,9	-	49,1	33,2
94	-	44,0	31,8	-	44,3	31,2	-	45,0	29,8
96	-	-	29,8	-	42,5	29,4	-	43,0	28,2
98	-	-	-	-	41,1	27,6	-	41,0	26,5
101	-	-	-	-	-	24,9	-	38,7	24,1
102	-	-	-	-	-	-	-	38,0	23,3
106	-	-	-	-	-	-	-	34,6	20,2

600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SSL / LSL

160 t			11-15 m			14 m x 14 m			360°			9.8 m/s			ISO		
			126 m			132 m			138 m								
			SSL/LSL			SSL/LSL			SSL/LSL			SSL/LSL			SSL/LSL		
			SGLmax.			SGLmax.			SGLmax.			SGLmax.			SGLmax.		
			0 t			0 t-300 t			0 t			0 t-300 t			0 t		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
15	-	-	-	-	129,0	-	-	-	117,0	-	-	-	-	-	-	-	-
16	106,0	109,0	109,0	129,0	92,0	96,0	117,0	79,0	82,0	103,0	79,0	82,0	103,0	79,0	82,0	103,0	103,0
18	104,0	108,0	108,0	128,0	90,0	95,0	116,0	77,0	80,0	102,0	77,0	80,0	102,0	77,0	80,0	102,0	102,0
20	103,0	108,0	108,0	127,0	88,0	94,0	115,0	74,0	79,0	101,0	74,0	79,0	101,0	74,0	79,0	101,0	101,0
22	102,0	107,0	107,0	126,0	87,0	93,0	114,0	72,0	78,0	100,0	72,0	78,0	100,0	72,0	78,0	100,0	100,0
24	99,0	106,0	106,0	125,0	85,0	92,0	113,0	70,0	77,0	99,0	70,0	77,0	99,0	70,0	77,0	99,0	99,0
26	89,5	105,0	105,0	124,0	84,0	91,0	112,0	69,0	75,0	98,0	69,0	75,0	98,0	69,0	75,0	98,0	98,0
28	81,5	104,0	104,0	124,0	79,0	90,0	111,0	67,0	74,0	97,0	67,0	74,0	97,0	67,0	74,0	97,0	97,0
30	74,5	103,0	103,0	123,0	72,0	89,0	110,0	66,0	73,0	95,5	66,0	73,0	95,5	66,0	73,0	95,5	95,5
34	62,5	101,0	101,0	121,0	60,5	87,0	108,0	59,0	71,0	93,5	59,0	71,0	93,5	59,0	71,0	93,5	93,5
38	52,0	99,0	99,0	116,3	50,5	86,0	105,3	50,0	68,0	91,3	50,0	68,0	91,3	50,0	68,0	91,3	91,3
42	43,1	97,0	97,0	109,0	41,9	85,0	102,0	41,0	66,0	89,0	41,0	66,0	89,0	41,0	66,0	89,0	89,0
46	35,8	94,0	94,0	97,6	34,5	83,0	92,6	33,7	63,0	85,3	33,7	63,0	85,3	33,7	63,0	85,3	85,3
50	29,7	91,0	91,0	87,3	28,4	82,0	83,3	27,5	61,0	79,1	27,5	61,0	79,1	27,5	61,0	79,1	79,1
54	24,5	88,0	88,0	78,0	23,3	80,0	74,0	22,4	58,0	70,5	22,4	58,0	70,5	22,4	58,0	70,5	70,5
58	20,2	85,0	85,0	70,6	18,9	78,0	67,0	18,0	55,0	63,5	18,0	55,0	63,5	18,0	55,0	63,5	63,5
62	16,4	82,0	82,0	63,8	15,1	75,0	60,5	14,2	52,0	57,0	14,2	52,0	57,0	14,2	52,0	57,0	57,0
66	13,1	78,5	78,5	57,5	11,8	73,0	54,5	10,9	49,0	51,0	10,9	49,0	51,0	10,9	49,0	51,0	51,0
70	10,2	72,0	72,0	52,3	8,9	69,5	49,3	7,9	46,0	46,2	7,9	46,0	46,2	7,9	46,0	46,2	46,2
74	8,0	67,0	67,0	47,7	6,3	64,5	44,7	5,4	42,0	41,9	5,4	42,0	41,9	5,4	42,0	41,9	41,9
78	5,7	62,0	62,0	43,3	4,4	60,0	40,6	-	39,0	37,9	-	39,0	37,9	-	39,0	37,9	37,9
82	-	57,5	57,5	39,1	-	55,5	36,6	-	36,0	33,9	-	36,0	33,9	-	36,0	33,9	33,9
86	-	53,0	53,0	35,2	-	51,0	32,8	-	33,9	30,4	-	33,9	30,4	-	33,9	30,4	30,4
90	-	48,9	48,9	31,5	-	47,4	29,3	-	32,9	27,0	-	32,9	27,0	-	32,9	27,0	27,0
94	-	45,0	45,0	28,3	-	43,7	26,1	-	31,9	23,9	-	31,9	23,9	-	31,9	23,9	23,9
98	-	41,3	41,3	25,2	-	40,2	23,1	-	30,9	20,9	-	30,9	20,9	-	30,9	20,9	20,9
102	-	37,8	37,8	22,3	-	36,8	20,3	-	29,8	18,2	-	29,8	18,2	-	29,8	18,2	18,2
106	-	35,1	35,1	19,3	-	33,6	17,7	-	28,8	15,7	-	28,8	15,7	-	28,8	15,7	15,7
110	-	31,8	31,8	16,5	-	30,6	15,1	-	27,8	13,3	-	27,8	13,3	-	27,8	13,3	13,3
111	-	-	-	15,8	-	29,9	14,4	-	27,5	12,7	-	27,5	12,7	-	27,5	12,7	12,7
114	-	-	-	-	-	28,1	12,5	-	26,8	11,0	-	26,8	11,0	-	26,8	11,0	11,0
116	-	-	-	-	-	-	11,2	-	25,6	9,8	-	25,6	9,8	-	25,6	9,8	9,8
118	-	-	-	-	-	-	-	-	24,4	8,6	-	24,4	8,6	-	24,4	8,6	8,6
122	-	-	-	-	-	-	-	-	22,6	6,4	-	22,6	6,4	-	22,6	6,4	6,4
126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

#### Remarks

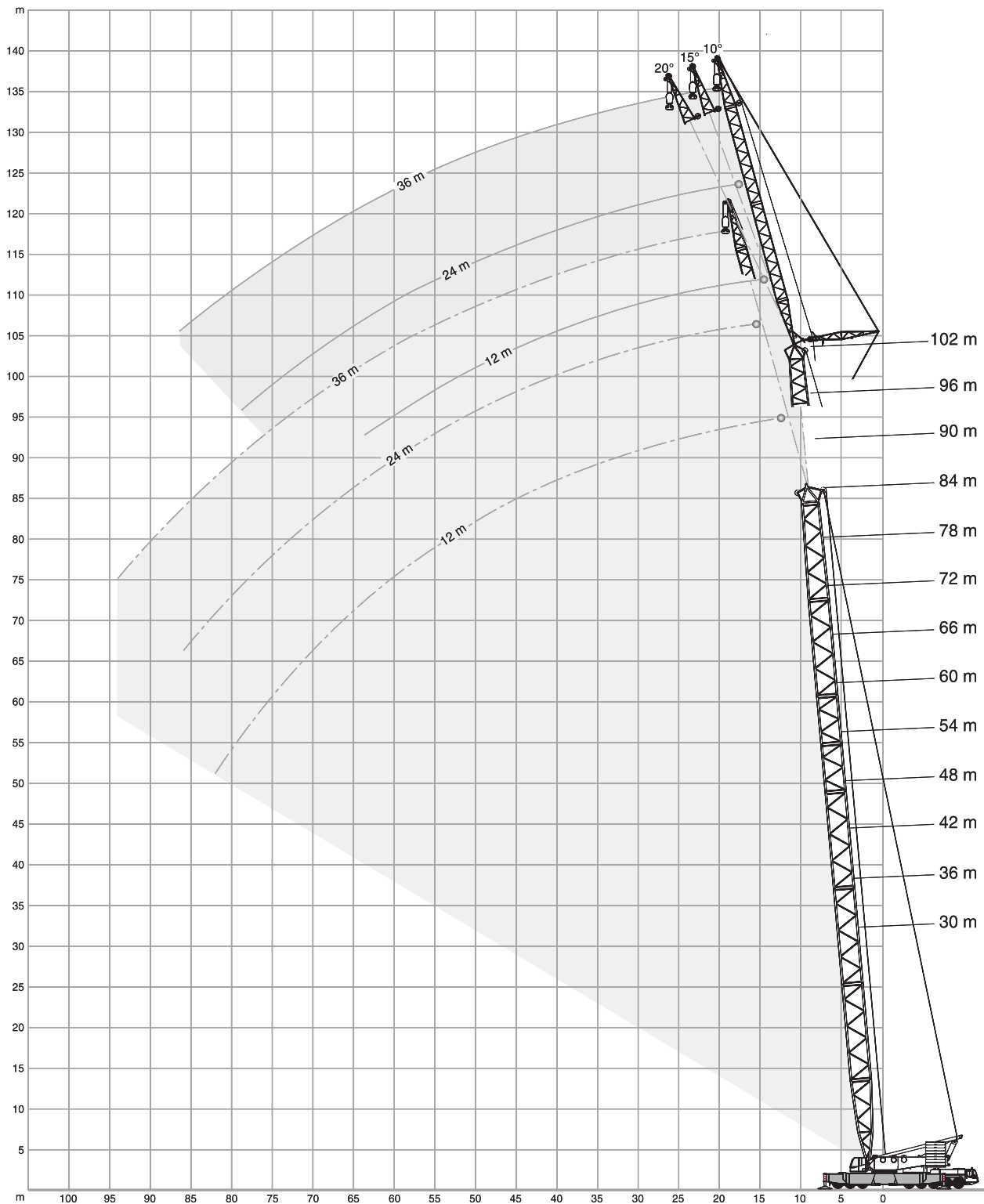
For SSL/LSL SGLmax. a boom power-kit is required



## WORKING RANGE CHART

SH + LF2, SH / LH + LF2

10° / 15° / 20°














600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY







#### SH + LF2

 200 t			 12 m			 14 m x 14 m			360°			 9.8 m/s			ISO		
	 30 m			 36 m			 42 m			 48 m			 54 m				
	 10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t		
9	125,0	-	-	125,0	-	-	-	-	-	-	-	-	-	-	-		
10	125,0	107,0	-	125,0	108,0	-	125,0	-	-	125,0	-	-	-	-	-		
11	124,0	101,0	81,0	125,0	105,0	83,5	125,0	109,0	-	125,0	109,0	-	125,0	-	-		
12	119,0	94,5	77,0	123,0	99,5	79,5	125,0	103,0	81,5	125,0	106,0	82,0	125,0	109,0	-		
13	111,0	89,5	73,0	120,0	94,0	76,0	123,0	98,5	78,5	124,0	102,0	80,5	125,0	105,0	82,0		
14	104,0	84,5	70,0	113,0	89,5	73,0	120,0	93,5	75,5	122,0	97,5	77,5	124,0	100,0	79,0		
16	93,0	76,5	64,0	100,0	81,5	67,0	108,0	86,0	70,0	114,0	89,5	72,0	119,0	93,0	74,0		
18	83,5	70,0	59,0	91,0	74,5	62,5	98,0	79,0	65,0	104,0	83,0	67,5	110,0	86,5	70,0		
20	75,5	64,0	55,0	83,0	69,0	58,5	89,5	73,5	61,0	95,5	77,0	63,5	101,0	80,5	66,0		
22	68,5	59,5	51,5	76,0	64,0	54,5	82,5	68,5	57,5	88,5	72,5	60,0	94,0	76,0	62,5		
24	64,0	55,5	48,5	69,5	60,0	51,5	76,5	64,0	54,5	82,5	68,0	57,0	87,5	71,5	59,5		
26	59,5	52,0	45,8	65,0	56,5	49,0	70,5	60,5	51,5	76,5	64,0	54,5	82,0	67,5	56,5		
28	55,5	49,2	43,5	61,5	53,0	46,6	66,0	57,0	49,4	71,5	61,0	52,0	76,5	64,0	54,0		
30	52,5	46,5	41,4	58,0	50,5	44,4	63,0	54,0	47,2	67,0	57,5	49,7	72,0	61,0	52,0		
34	46,9	42,2	38,1	51,5	45,9	40,8	56,5	49,5	43,4	61,0	52,5	45,8	64,5	55,5	48,0		
38	42,6	38,9	35,6	47,1	42,2	38,0	51,0	45,5	40,4	55,5	48,5	42,6	59,5	51,0	44,7		
39	41,8	38,3	-	46,1	41,4	37,4	50,0	44,6	39,7	54,3	47,6	41,9	58,2	50,2	44,0		
40	-	37,7	-	45,2	40,7	36,9	49,1	43,8	39,1	53,2	46,8	41,3	57,0	49,4	43,3		
42	-	-	-	43,3	39,3	35,8	47,2	42,2	37,9	51,0	45,1	40,0	54,5	47,8	42,0		
43	-	-	-	42,5	38,7	35,4	46,3	41,5	37,4	50,0	44,3	39,4	53,5	47,0	41,4		
45	-	-	-	41,0	37,7	-	44,5	40,2	36,4	48,1	42,9	38,3	51,5	45,4	40,2		
46	-	-	-	-	-	-	43,7	39,6	36,0	47,2	42,2	37,8	50,5	44,7	39,6		
48	-	-	-	-	-	-	42,3	38,6	35,2	45,6	41,0	36,9	48,1	43,4	38,6		
50	-	-	-	-	-	-	41,0	37,6	-	44,1	39,8	36,1	45,8	42,1	37,7		
53	-	-	-	-	-	-	-	-	-	42,1	38,3	35,0	41,8	40,5	36,5		
54	-	-	-	-	-	-	-	-	-	41,5	37,9	-	40,5	40,0	36,1		
55	-	-	-	-	-	-	-	-	-	40,5	37,5	-	39,4	39,0	35,8		
58	-	-	-	-	-	-	-	-	-	-	-	-	36,1	36,2	34,9		
60	-	-	-	-	-	-	-	-	-	-	-	-	34,2	34,2	-		
61	-	-	-	-	-	-	-	-	-	-	-	-	-	33,3	-		
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		



## RATED LIFTING CAPACITY

### SH + LF2

 200 t				 12 m				 14 m x 14 m				360°				 9.8 m/s				ISO			
		60 m			66 m			72 m			78 m			84 m									
		10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°	10°	15°	20°							
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t							
11	125,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
12	125,0	108,0	-	125,0	-	-	125,0	-	-	-	-	-	-	-	-	-							
13	125,0	107,0	81,5	125,0	106,0	-	125,0	108,0	-	125,0	-	-	125,0	-	-	-							
14	125,0	103,0	80,5	125,0	106,0	80,5	125,0	108,0	81,5	125,0	106,0	-	125,0	104,0	-	-							
15	124,0	99,5	78,0	125,0	102,0	79,5	125,0	104,0	81,0	125,0	106,0	80,0	125,0	104,0	79,0	-							
16	121,0	96,0	76,0	124,0	98,5	77,5	125,0	101,0	78,5	125,0	103,0	80,0	125,0	104,0	79,0	-							
18	115,0	89,5	71,5	118,0	92,5	73,5	121,0	95,0	74,5	124,0	97,0	76,0	125,0	99,0	77,0	-							
20	106,0	84,0	68,0	111,0	86,5	69,5	115,0	89,5	71,0	118,0	91,5	72,5	121,0	94,0	74,0	-							
22	99,0	79,0	64,5	104,0	82,0	66,0	108,0	84,5	68,0	112,0	87,0	69,5	115,0	89,0	70,5	-							
24	92,5	74,5	61,5	97,0	77,5	63,0	101,0	80,0	65,0	105,0	82,5	66,5	109,0	85,0	68,0	-							
26	86,5	70,5	58,5	91,5	73,5	60,5	95,5	76,0	62,0	99,5	78,5	64,0	103,0	81,0	65,0	-							
28	81,5	67,0	56,0	86,0	70,0	58,0	90,0	72,5	59,5	94,0	75,0	61,5	98,0	77,5	63,0	-							
30	77,0	64,0	54,0	81,5	67,0	55,5	85,5	69,5	57,5	89,5	72,0	59,0	93,0	74,0	60,5	-							
34	68,5	58,5	50,0	73,0	61,0	51,5	76,5	63,5	53,5	78,5	66,0	55,0	77,5	68,5	56,5	-							
38	62,5	54,0	46,7	66,0	56,5	48,5	66,5	59,0	50,0	65,5	61,5	51,5	64,0	63,5	53,0	-							
42	58,0	50,0	43,8	57,5	52,5	45,6	56,5	55,0	47,2	55,5	56,0	48,8	54,0	54,5	50,0	-							
46	50,5	47,1	41,4	49,8	49,5	43,1	48,5	48,9	44,7	47,5	47,9	46,2	46,2	46,6	47,1	-							
50	44,4	44,4	39,3	43,4	43,7	40,9	42,0	42,4	42,4	41,0	41,3	41,7	39,6	40,0	40,4	-							
54	39,1	39,3	37,6	38,0	38,3	38,5	36,7	36,9	37,2	35,6	35,9	36,2	34,0	34,4	34,7	-							
58	34,6	34,8	35,0	33,6	33,8	34,0	32,0	32,3	32,6	30,7	31,1	31,4	29,1	29,5	29,8	-							
62	30,9	31,0	31,1	29,6	29,8	30,0	28,0	28,2	28,4	26,6	26,9	27,2	25,0	25,3	25,6	-							
63	30,0	30,1	30,2	28,7	28,9	29,1	27,1	27,3	27,5	25,7	26,0	26,3	24,1	24,4	24,7	-							
65	28,3	28,4	-	27,0	27,1	27,3	25,3	25,5	25,7	23,9	24,2	24,5	22,3	22,6	22,9	-							
66	-	27,6	-	26,2	26,3	26,5	24,5	24,7	24,8	23,1	23,3	23,6	21,4	21,7	22,0	-							
68	-	-	-	24,7	24,8	24,9	22,9	23,1	23,2	21,6	21,8	22,0	19,9	20,1	20,4	-							
70	-	-	-	23,2	23,3	-	21,4	21,6	21,7	20,1	20,3	20,4	18,4	18,6	18,8	-							
71	-	-	-	22,5	22,6	-	20,7	20,9	21,0	19,4	19,6	19,7	17,7	17,9	18,1	-							
73	-	-	-	-	-	-	19,4	19,5	19,7	18,0	18,2	18,3	16,3	16,5	16,7	-							
74	-	-	-	-	-	-	18,8	18,9	-	17,4	17,6	17,7	15,7	15,9	16,1	-							
76	-	-	-	-	-	-	17,6	17,7	-	16,2	16,4	16,5	14,5	14,7	14,8	-							
78	-	-	-	-	-	-	-	-	-	15,1	15,2	15,3	13,3	13,5	13,6	-							
81	-	-	-	-	-	-	-	-	-	13,5	13,6	-	11,7	11,9	12,0	-							
82	-	-	-	-	-	-	-	-	-	-	-	-	11,2	11,4	11,5	-							
83	-	-	-	-	-	-	-	-	-	-	-	-	10,7	10,9	11,0	-							
86	-	-	-	-	-	-	-	-	-	-	-	-	9,4	9,5	-	-							
87	-	-	-	-	-	-	-	-	-	-	-	-	-	9,1	-	-							
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

600 TONNE Demag TC2800-1









# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SH /LH + LF2

 200 t		 12 m		 14 m x 14 m			360°		 9.8 m/s		ISO		
		66 m			72 m			78 m					
		SH/LH+LF2			SH/LH+LF2			SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.
		10°	15°	20°	10°	15°	20°	10°		15°		20°	
m	t	t	t	t	t	t	t	t	t	t	t	t	
12	125,0	-	-	125,0	-	-	-	-	-	-	-	-	
13	125,0	111,0	-	125,0	107,0	-	116,0	125,0	-	-	-	-	
14	125,0	107,0	83,0	125,0	107,0	79,5	116,0	125,0	101,0	122,0	-	-	
15	125,0	103,0	80,5	125,0	103,0	79,5	114,0	125,0	101,0	118,0	78,0	91,0	
16	125,0	99,5	78,0	125,0	100,0	77,5	112,0	125,0	99,5	114,0	78,0	88,5	
18	121,0	93,5	74,0	120,0	94,5	74,0	109,0	125,0	95,0	107,0	74,5	84,5	
20	112,0	87,5	70,0	114,0	89,5	71,0	106,0	122,0	91,0	101,0	71,5	80,5	
22	104,0	82,5	67,0	109,0	85,0	67,5	104,0	115,0	86,5	96,5	68,5	77,0	
24	98,0	78,5	64,0	102,0	81,0	65,5	99,5	106,0	83,0	91,5	66,0	74,0	
26	92,0	74,5	61,0	96,0	77,0	63,0	95,5	97,0	79,5	87,5	64,0	71,0	
28	86,5	70,5	58,5	91,0	73,5	60,5	91,5	89,0	76,0	83,5	62,0	68,0	
30	82,0	67,5	56,0	86,0	70,0	58,0	87,5	81,5	72,5	80,0	59,5	65,5	
34	74,0	62,0	52,0	78,0	64,5	54,0	79,0	68,0	67,0	73,5	55,5	61,5	
38	67,5	57,0	49,0	68,0	59,5	50,5	67,5	57,0	61,5	67,0	52,0	57,5	
42	58,5	53,0	46,0	58,0	55,5	47,7	57,5	48,8	56,0	57,0	49,2	53,5	
46	50,5	50,0	43,5	50,0	50,5	45,1	49,6	42,4	50,0	49,2	46,6	48,0	
50	44,4	44,7	41,3	43,7	44,0	42,8	43,1	38,4	43,4	42,6	43,7	42,2	
54	39,1	39,3	39,4	38,3	38,6	38,8	37,7	36,0	38,0	36,3	38,2	36,5	
58	34,6	34,8	34,9	33,8	34,0	34,2	33,2	32,1	33,4	32,5	33,7	32,7	
62	30,8	30,9	31,1	29,9	30,1	30,3	29,1	28,0	29,4	28,3	29,6	28,5	
66	27,4	27,5	27,6	26,4	26,6	26,8	25,6	24,5	25,8	24,7	26,0	24,9	
68	25,9	26,0	26,1	24,9	25,0	25,2	24,1	22,9	24,3	23,1	24,4	23,3	
70	24,4	24,5	-	23,4	23,5	23,7	22,6	21,4	22,8	21,6	22,9	21,8	
71	23,7	23,8	-	22,7	22,8	23,0	21,9	20,7	22,1	20,9	22,2	21,1	
73	-	-	-	21,4	21,5	21,6	20,5	19,3	20,7	19,5	20,8	19,7	
74	-	-	-	20,8	20,9	-	19,9	18,7	20,1	18,9	20,2	19,0	
76	-	-	-	19,6	19,7	-	18,7	17,5	18,9	17,7	19,0	17,8	
77	-	-	-	-	19,1	-	18,1	16,9	18,3	17,1	18,4	17,2	
78	-	-	-	-	-	-	17,6	16,4	17,7	16,5	17,8	16,6	
81	-	-	-	-	-	-	16,0	14,8	16,1	14,9	-	-	
82	-	-	-	-	-	-	-	-	15,6	14,4	-	-	






#### Remarks



For SH/LH+LF2 SGLmax. a boom power-kit is required



## RATED LIFTING CAPACITY

### SH / LH + LF2

200 t		 12 m		 14 m x 14 m		360°		 9.8 m/s		ISO		
 	84 m						90 m					
	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.
	10°		15°		20°		10°		15°		20°	
m	t	t	t	t	t	t	t	t	t	t	t	t
14	107,0	125,0	-	-	-	-	91,0	125,0	-	-	-	-
15	107,0	125,0	96,0	119,0	83,5	-	91,0	125,0	83,5	118,0	-	-
16	106,0	125,0	96,0	116,0	81,5	89,5	91,0	125,0	83,5	118,0	77,0	90,5
18	103,0	125,0	94,0	110,0	78,0	85,5	88,5	125,0	82,0	112,0	76,5	86,5
20	101,0	125,0	92,0	104,0	74,5	82,0	86,0	118,0	80,0	106,0	74,5	83,0
22	99,5	120,0	90,0	99,0	71,5	78,5	84,0	111,0	78,0	101,0	72,5	79,5
24	95,5	114,0	85,5	94,0	68,5	75,5	81,5	104,0	76,0	96,5	69,5	76,5
26	89,5	106,0	81,5	90,0	65,5	72,5	79,0	97,5	74,5	92,0	67,0	74,0
28	83,0	98,0	78,0	86,0	63,5	69,5	77,0	90,0	73,0	88,5	64,5	71,0
30	76,5	90,5	75,0	82,5	61,0	67,5	74,5	83,5	71,5	83,5	62,5	69,0
34	67,5	77,0	69,0	76,0	57,0	63,0	69,5	71,5	68,0	73,0	58,5	64,5
38	61,0	66,0	62,5	66,5	53,5	59,0	63,5	60,5	62,5	63,5	55,0	60,5
42	54,5	55,5	56,0	56,0	50,5	56,0	56,0	51,5	56,5	55,0	52,0	55,5
46	48,2	47,7	49,2	48,1	47,3	48,5	48,0	44,2	48,4	46,9	48,8	47,3
50	41,6	41,1	42,6	41,5	42,2	41,8	41,5	38,2	41,9	40,2	42,2	40,6
54	35,0	35,6	36,1	36,0	37,0	36,3	36,1	33,8	36,4	34,5	36,7	34,9
58	30,0	30,7	30,6	31,1	32,2	31,4	31,3	29,1	31,6	29,5	31,9	29,9
62	26,6	26,6	27,1	26,9	28,6	27,2	27,1	25,0	27,4	25,3	27,7	25,6
66	23,1	23,0	23,6	23,3	25,0	23,5	23,6	21,4	23,8	21,7	24,1	22,0
70	19,6	19,9	20,1	20,2	21,5	20,4	20,5	18,3	20,7	18,5	20,9	18,8
74	16,2	17,2	16,6	17,4	17,9	17,6	17,8	15,5	18,0	15,8	18,2	16,0
78	12,7	14,9	13,2	15,0	14,4	15,2	15,4	13,2	15,6	13,4	15,8	13,5
82	9,2	12,8	9,7	12,9	10,8	13,0	13,3	11,0	13,5	11,2	13,6	11,4
83	8,3	12,3	8,8	12,4	9,9	12,5	12,8	10,5	13,0	10,7	13,1	10,9
86	5,8	10,9	6,2	11,0	-	-	11,5	9,2	11,6	9,3	11,7	9,4
87	4,9	10,5	5,3	10,6	-	-	11,0	8,7	11,1	8,9	11,2	9,0
88	-	-	-	-	-	-	10,6	8,3	10,7	8,4	10,8	8,5
90	-	-	-	-	-	-	9,8	7,5	9,9	7,6	-	-
92	-	-	-	-	-	-	9,1	6,7	9,2	6,8	-	-

 	96 m						102 m					
	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.	SH/LH+ LF2	SH/LH+LF2 SGLmax.
	10°		15°		20°		10°		15°		20°	
m	t	t	t	t	t	t	t	t	t	t	t	t
15	86,5	116,0	-	-	-	-	72,5	109,0	-	-	-	-
16	86,5	116,0	80,0	109,0	-	-	72,5	109,0	67,0	104,0	-	-
17	85,5	114,5	80,0	109,0	73,5	88,0	72,5	109,0	67,0	104,0	62,0	88,5
18	84,5	113,0	79,0	109,0	73,5	87,5	71,5	109,0	67,0	104,0	62,0	88,5
20	82,5	109,0	77,0	105,0	72,0	84,0	69,5	105,0	65,5	102,0	61,5	85,0
22	80,5	105,0	75,5	101,0	70,5	81,0	67,5	101,0	63,5	99,0	60,0	82,0
24	78,5	101,0	74,0	96,5	69,5	78,0	66,0	96,5	62,0	96,0	58,5	79,0
26	76,5	97,0	72,0	92,5	68,0	75,0	64,0	92,5	60,5	92,5	57,5	76,5
28	73,0	91,0	70,0	88,0	66,0	72,5	62,5	88,0	59,0	89,5	56,0	74,0
30	70,0	84,5	68,0	83,0	63,5	70,0	61,0	82,0	58,0	84,5	55,0	71,5
34	63,5	73,5	63,5	74,0	59,5	66,0	58,0	71,0	55,5	73,5	53,0	67,0
38	58,0	63,0	58,5	64,5	56,0	62,0	55,0	61,5	53,0	63,5	50,5	63,5
42	53,0	53,5	53,5	54,0	53,0	54,5	50,5	52,5	49,3	53,0	47,5	53,5
46	47,2	45,6	47,7	46,1	48,1	46,6	46,6	44,4	45,4	44,9	44,0	45,4
50	40,7	38,9	41,1	39,4	41,5	39,8	40,0	37,4	40,4	37,9	40,4	38,4
54	35,1	33,0	35,5	33,5	35,9	33,9	34,3	31,5	34,7	32,0	35,1	32,5
58	30,3	28,1	30,6	28,5	31,0	28,9	29,4	26,6	29,8	27,0	30,2	27,4
62	26,1	24,0	26,4	24,3	26,7	24,6	25,2	22,4	25,6	22,8	25,9	23,1
66	22,6	20,4	22,8	20,7	23,1	21,0	21,7	18,7	22,0	19,1	22,3	19,4
67	21,8	19,6	22,0	19,9	22,3	20,2	-	17,9	-	18,3	21,4	18,6
70	19,5	17,2	19,7	17,5	19,9	17,8	-	15,6	-	15,9	-	16,2
74	16,7	14,5	17,0	14,7	17,2	15,0	-	12,8	-	13,1	-	13,4
78	14,4	12,1	14,6	12,3	14,7	12,5	-	10,4	-	10,7	-	10,9
82	12,2	9,9	12,4	10,1	12,6	10,3	-	8,3	-	8,5	-	8,7
86	10,4	8,0	10,5	8,2	10,7	8,4	-	6,3	-	6,5	-	6,7
90	8,7	6,3	8,8	6,5	8,9	6,6	-	4,6	-	4,8	-	5,0
92	7,9	5,5	8,0	5,7	8,1	5,8	-	3,8	-	4,0	-	4,2
93	7,5	5,1	7,6	5,3	7,8	5,4	-	-	-	3,6	-	3,8
94	7,2	4,8	7,3	5,0	-	-	-	-	-	-	-	-
97	6,2	3,8	6,3	3,9	-	-	-	-	-	-	-	-

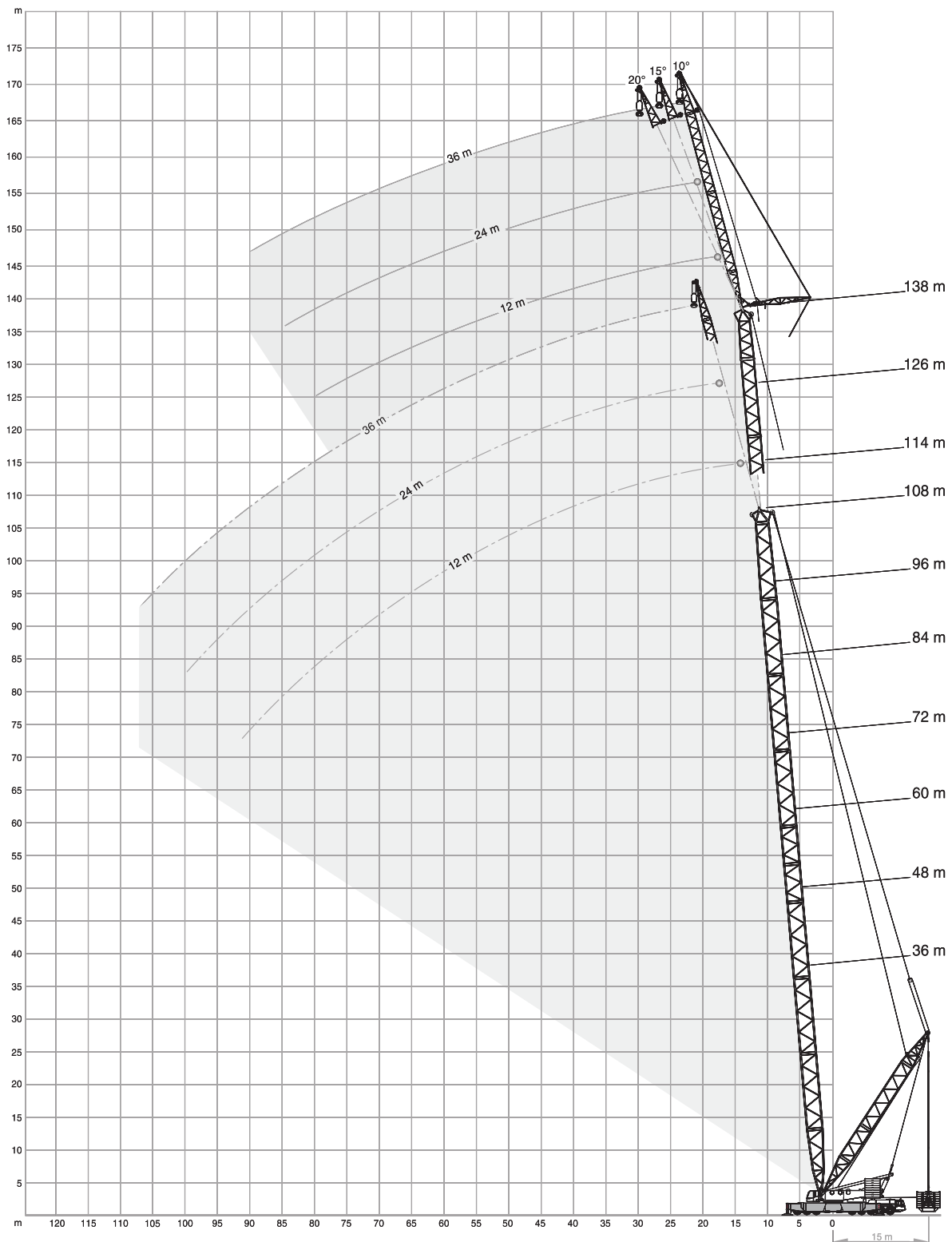
# 600 TONNE

## Demag TC2800-1 Truck Crane

### WORKING RANGE CHART

SSL + LF2, SSL / LSL + LF2













10° / 15° / 20°





## RATED LIFTING CAPACITY

### SSL + LF2

<div><div> 160 t</div><div> 11-15 m</div><div> 0-300 t</div><div> 12 m</div><div> 14 m x 14 m</div><div> 360°</div><div> 9.8 m/s</div><div> ISO</div></div>																	
	<div> 42 m</div>						<div> 48 m</div>			<div> 54 m</div>							
	SSL			SSL			SSL	HSSL	SSL	HSSL	SSL	HSSL					
	10°	15°	20°	10°	15°	20°	10°		15°		20°						
m	t	t	t	t	t	t	t	t	t	t	t	t					
10	125,0	-	-	125,0	-	-	-	-	-	-	-	-					
11	125,0	109,0	-	125,0	112,0	-	125,0	125,0	-	-	-	-					
12	125,0	103,0	81,5	125,0	106,0	83,5	125,0	125,0	109,0	109,0	-	-					
13	125,0	98,0	78,5	125,0	102,0	80,5	125,0	125,0	105,0	104,5	82,0	82,0					
14	120,0	93,5	75,5	125,0	97,5	77,5	125,0	125,0	100,0	100,0	79,0	79,0					
16	108,0	85,5	70,0	114,0	89,5	72,0	120,0	121,0	93,0	93,0	74,0	74,0					
18	98,0	79,0	65,0	104,0	83,0	67,5	110,0	110,0	86,5	86,5	70,0	70,0					
20	89,5	73,5	61,0	95,5	77,0	63,5	101,0	102,0	80,5	80,5	66,0	66,0					
22	82,5	68,5	57,5	88,5	72,5	60,0	94,0	94,5	76,0	76,0	62,5	62,5					
24	76,5	64,0	54,5	82,5	68,0	57,0	87,5	88,0	71,5	71,5	59,5	59,5					
26	71,5	60,5	51,5	77,0	64,0	54,0	82,0	82,0	67,5	67,5	56,5	56,5					
28	67,0	57,0	49,4	72,0	60,5	51,5	77,0	77,5	64,0	64,0	54,0	54,0					
30	63,0	54,0	47,2	68,0	57,5	49,7	72,5	73,0	61,0	61,0	52,0	52,0					
34	56,5	49,5	43,4	61,0	52,5	45,8	65,5	66,0	55,5	56,0	48,0	48,2					
38	51,0	45,5	40,4	55,5	48,5	42,6	59,5	59,8	51,0	51,6	44,7	44,8					
42	47,2	42,2	37,9	51,0	45,0	40,0	54,5	54,5	47,8	47,8	42,0	42,0					
46	43,7	39,6	36,0	47,2	42,2	37,8	50,5	50,8	44,7	44,8	39,6	39,7					
48	42,3	38,6	35,2	45,6	41,0	36,9	48,8	49,0	43,4	43,3	38,6	38,6					
50	41,0	37,6	-	44,1	39,8	36,1	47,2	47,4	42,1	42,2	37,7	37,7					
53	-	-	-	42,1	38,3	35,0	45,1	45,1	40,5	40,5	36,5	36,5					
54	-	-	-	41,5	37,9	-	44,4	44,4	40,0	40,0	36,1	36,1					
55	-	-	-	41,0	37,5	-	43,8	43,8	39,5	39,5	35,8	35,8					
58	-	-	-	-	-	-	42,0	42,1	38,2	38,3	34,9	34,9					
60	-	-	-	-	-	-	40,9	41,0	37,5	37,5	-	-					
61	-	-	-	-	-	-	-	-	37,2	37,2	-	-					

m	60 m						66 m						66 m					
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL	
	10°		15°		20°		10°		15°		20°		10°		15°		20°	
t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
11	125,0	125,0	-	-	-	-	-	-	-	-	-	-	125,0	125,0	-	-	-	-
12	125,0	125,0	112,0	112,0	-	-	-	-	-	-	-	-	125,0	125,0	110,0	110,0	-	-
13	125,0	125,0	107,0	107,5	83,5	83,5	-	-	-	-	-	-	125,0	125,0	106,0	106,0	82,0	82,0
14	125,0	125,0	103,0	103,0	80,5	80,5	-	-	-	-	-	-	125,0	125,0	100,0	100,0	79,0	79,0
16	125,0	125,0	96,0	96,0	76,0	76,0	-	-	-	-	-	-	125,0	125,0	98,5	98,5	77,5	77,5
18	115,0	116,0	89,5	89,5	71,5	71,5	-	-	-	-	-	-	120,0	121,0	92,0	92,0	73,5	73,5
20	106,0	107,0	84,0	84,0	68,0	68,0	-	-	-	-	-	-	111,0	112,0	86,5	86,5	69,5	69,5
22	99,0	99,5	79,0	79,0	64,5	64,5	-	-	-	-	-	-	104,0	104,0	82,0	82,0	66,0	66,0
24	92,5	93,0	74,5	74,5	61,5	61,5	-	-	-	-	-	-	97,0	97,5	77,5	77,5	63,0	63,0
26	86,5	87,0	70,5	70,5	58,5	58,5	-	-	-	-	-	-	91,5	91,5	73,5	73,5	60,5	60,5
28	81,5	82,0	67,0	67,0	56,0	56,0	-	-	-	-	-	-	86,0	86,5	70,0	70,0	58,0	58,0
30	77,0	77,5	64,0	64,0	54,0	54,0	-	-	-	-	-	-	81,5	81,5	67,0	67,0	55,5	55,5
34	69,5	70,1	58,5	58,6	50,0	50,2	-	-	-	-	-	-	73,5	74,1	61,0	61,6	51,5	51,8
38	63,5	63,8	54,0	54,0	46,7	46,8	-	-	-	-	-	-	67,0	67,6	56,5	56,8	48,5	48,5
42	58,0	58,5	50,0	50,0	43,8	43,8	-	-	-	-	-	-	61,5	62,0	52,5	52,5	45,6	45,6
46	54,0	54,1	47,1	47,1	41,4	41,4	-	-	-	-	-	-	57,0	57,3	49,5	49,5	43,1	43,2
50	50,0	50,4	44,4	44,4	39,3	39,4	-	-	-	-	-	-	53,0	53,3	46,6	46,7	40,9	41,0
54	47,2	47,3	42,0	42,0	37,6	37,6	-	-	-	-	-	-	50,0	50,0	44,1	44,1	39,1	39,1
58	44,6	44,7	40,1	40,1	36,1	36,2	-	-	-	-	-	-	47,2	47,3	42,0	42,0	37,5	37,5
62	42,3	42,5	38,4	38,5	35,0	34,9	-	-	-	-	-	-	44,7	44,9	40,1	40,2	36,1	36,2
63	41,8	42,0	38,0	38,1	34,7	34,7	-	-	-	-	-	-	44,1	44,3	39,7	39,8	35,8	35,9
65	40,9	41,0	37,4	37,4	-	-	-	-	-	-	-	-	43,1	43,2	38,9	39,0	35,2	35,3
66	-	-	37,1	37,1	-	-	-	-	-	-	-	-	42,6	42,7	38,6	38,6	35,0	35,0
68	-	-	-	-	-	-	-	-	-	-	-	-	41,7	41,8	37,9	38,0	34,6	34,6
70	-	-	-	-	-	-	-	-	-	-	-	-	40,8	40,9	37,3	37,4	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	40,4	40,5	37,1	37,1	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

#### Remarks

see page 28

600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SSL + LF2

<div><div><div><div></div><div>160 t</div></div><div><div></div><div>11-15 m</div></div><div><div></div><div>0-300 t</div></div><div><div></div><div>12 m</div></div><div><div></div><div>14 m x 14 m</div></div><div><div></div><div>360°</div></div><div><div></div><div>9.8 m/s</div></div><div><div></div><div>ISO</div></div></div></div>																		
<div><div></div><div></div></div>	72 m						78 m											
	SSL		HSSL		SSL		HSSL		SSL		HSSL		SSL		HSSL			
	10°		15°		20°		10°		15°		20°		10°		15°		20°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
12	125,0	125,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	125,0	125,0	112,0	112,0	-	-	125,0	125,0	-	-	-	-	-	-	-	-	-	-
14	125,0	125,0	108,0	108,0	83,0	83,0	125,0	125,0	110,0	110,0	-	-	-	-	-	-	-	-
15	125,0	125,0	104,0	104,5	81,0	80,7	125,0	125,0	106,0	106,5	82,0	82,0	82,0	82,0	82,0	82,0	82,0	82,0
16	125,0	125,0	101,0	101,0	78,5	78,5	125,0	125,0	103,0	103,0	80,0	80,0	80,0	80,0	80,0	80,0	80,0	80,0
18	125,0	124,0	95,0	95,0	74,5	74,5	125,0	124,0	97,0	97,0	76,0	76,0	76,0	76,0	76,0	76,0	76,0	76,0
20	116,0	116,0	89,5	89,5	71,0	71,0	120,0	121,0	91,5	91,5	72,5	72,5	72,5	72,5	72,5	72,5	72,5	72,5
22	108,0	109,0	84,5	84,5	68,0	68,0	112,0	113,0	87,0	87,0	69,5	69,5	69,5	69,5	69,5	69,5	69,5	69,5
24	101,0	102,0	80,0	80,0	65,0	65,0	105,0	106,0	82,5	82,5	66,5	66,5	66,5	66,5	66,5	66,5	66,5	66,5
26	95,5	96,0	76,0	76,0	62,0	62,0	99,5	100,0	78,5	78,5	63,5	63,5	63,5	63,5	63,5	63,5	63,5	63,5
28	90,0	90,5	72,5	72,5	59,5	59,5	94,0	94,5	75,0	75,0	61,5	61,5	61,5	61,5	61,5	61,5	61,5	61,5
30	85,5	85,5	69,5	69,5	57,5	57,5	89,5	89,5	72,0	72,0	59,0	59,0	59,0	59,0	59,0	59,0	59,0	59,0
34	77,5	77,8	63,5	64,1	53,5	53,5	81,0	81,5	66,0	66,3	55,0	55,0	55,0	55,0	55,0	55,0	55,0	55,0
38	70,5	71,0	59,0	59,3	50,0	50,0	74,0	74,5	61,5	61,3	51,5	51,5	51,5	51,5	51,5	51,5	51,5	51,5
42	65,0	65,0	55,0	55,0	47,2	47,2	68,0	68,5	57,0	57,0	48,8	48,8	48,8	48,8	48,8	48,8	48,8	48,8
46	60,0	60,3	51,5	51,6	44,7	44,7	63,0	63,5	53,5	53,6	46,2	46,2	46,2	46,2	46,2	46,2	46,2	46,2
50	56,0	56,1	48,7	48,7	42,4	42,5	59,0	59,1	50,5	50,6	43,9	43,9	43,9	43,9	43,9	43,9	43,9	43,9
54	52,5	52,5	46,1	46,1	40,5	40,5	55,5	55,5	48,0	48,0	41,9	41,9	41,9	41,9	41,9	41,9	41,9	41,9
58	49,8	49,8	43,8	43,9	38,8	38,8	52,0	52,5	45,7	45,7	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1
62	47,1	47,3	41,9	41,9	37,3	37,3	49,5	49,7	43,6	43,6	38,6	38,6	38,6	38,6	38,6	38,6	38,6	38,6
66	44,8	44,9	40,2	40,2	36,1	36,1	47,1	47,2	41,8	41,8	37,2	37,2	37,2	37,2	37,2	37,2	37,2	37,2
70	42,9	42,9	38,7	38,8	35,1	35,1	44,9	45,0	40,2	40,2	36,1	36,1	36,1	36,1	36,1	36,1	36,1	36,1
73	41,6	41,6	37,8	37,8	34,5	34,5	43,5	43,5	39,1	39,2	35,3	35,3	35,3	35,3	35,3	35,3	35,3	35,3
74	41,2	41,2	37,5	37,5	-	-	43,1	43,1	38,8	38,9	35,1	35,1	35,1	35,1	35,1	35,1	35,1	35,1
76	40,4	40,5	37,0	37,0	-	-	42,2	42,3	38,2	38,3	34,7	34,7	34,7	34,7	34,7	34,7	34,7	34,7
78	-	-	-	-	-	-	41,4	41,5	37,7	37,7	34,3	34,3	34,3	34,3	34,3	34,3	34,3	34,3
81	-	-	-	-	-	-	40,4	40,4	36,9	36,9	-	-	-	-	-	-	-	-

#### Remarks

SSL+LF2:

Max. capacities with minimum counterweight

For HSSL+LF2 a boom power-kit is required



## RATED LIFTING CAPACITY

### SSL + LF2

160 t            11-15 m            0-300 t            12 m            14 m x 14 m           360°            9.8 m/s           ISO												
	84 m						90 m			96 m		
	SSL		HSSL		SSL		HSSL		HSSL		HSSL	
	10°		15°		20°		10°	15°	20°	10°	15°	20°
m	t	t	t	t	t	t	t	t	t	t	t	t
13	125,0	125,0	-	-	-	-	-	-	-	-	-	-
14	125,0	125,0	112,0	112,0	-	-	125,0	125,0	-	-	-	-
15	125,0	125,0	108,0	108,5	83,0	83,0	125,0	125,0	110,0	111,0	-	-
16	125,0	125,0	105,0	105,0	81,0	81,0	125,0	125,0	107,0	108,0	82,5	82,5
18	125,0	125,0	99,0	99,0	77,0	77,0	125,0	125,0	101,0	103,0	79,0	79,0
20	124,0	123,0	94,0	94,0	74,0	74,0	124,0	124,0	96,0	97,5	76,0	76,0
22	116,0	117,0	89,0	89,0	70,5	70,5	121,0	121,0	91,0	93,0	73,0	73,0
24	109,0	110,0	85,0	85,0	68,0	68,0	114,0	114,0	87,0	89,0	70,0	70,0
26	103,0	104,0	81,0	81,0	65,0	65,0	107,0	107,0	83,0	85,0	67,5	67,5
28	98,0	98,5	77,5	77,5	62,5	62,5	102,0	102,0	79,5	81,5	65,5	65,5
30	93,0	93,5	74,0	74,0	60,5	60,5	97,0	97,0	76,0	78,0	63,0	63,0
34	84,5	85,1	68,5	68,6	56,5	56,5	88,3	88,3	70,6	72,6	59,3	59,3
38	77,5	77,8	63,5	63,8	53,0	53,0	80,8	80,8	65,8	67,6	55,8	55,8
42	71,5	71,5	59,5	59,5	50,0	50,0	74,5	74,5	61,5	63,0	52,5	52,5
46	66,0	66,5	55,5	55,8	47,6	47,6	69,5	69,5	57,8	59,6	50,1	50,1
50	62,0	62,0	52,5	52,6	45,3	45,3	64,8	64,8	54,5	56,3	47,9	47,9
54	58,0	58,0	49,9	49,9	43,2	43,2	60,5	60,5	51,5	53,0	45,7	45,7
58	54,5	54,6	47,4	47,5	41,4	41,4	57,1	57,1	49,1	50,7	43,8	43,8
62	51,5	51,8	45,3	45,3	39,8	39,7	54,1	54,1	46,9	48,5	42,1	42,1
66	49,3	49,4	43,4	43,4	38,3	38,3	51,5	51,5	44,9	46,4	40,5	40,5
70	47,0	47,2	41,7	41,7	37,1	37,1	49,2	49,2	43,1	44,6	39,1	39,1
74	45,0	45,1	40,2	40,2	36,0	36,0	47,1	47,1	41,5	42,9	37,9	37,9
78	43,2	43,3	38,9	38,9	35,1	35,1	45,1	45,1	40,1	41,4	36,8	36,8
82	41,7	41,0	37,8	37,8	34,4	34,3	42,1	42,1	38,9	39,6	35,9	35,9
83	41,2	40,4	37,5	37,5	34,2	34,2	41,3	41,3	38,6	39,2	35,7	35,7
86	39,7	38,3	36,9	36,9	-	-	38,9	38,9	37,2	36,9	34,4	34,4
87	-	-	36,7	36,7	-	-	38,0	38,0	36,6	36,1	33,8	33,8
90	-	-	-	-	-	-	35,5	35,5	34,8	33,9	32,2	32,2
91	-	-	-	-	-	-	34,6	34,6	34,2	33,1	31,6	31,6
92	-	-	-	-	-	-	-	-	33,7	32,3	31,1	31,1
94	-	-	-	-	-	-	-	-	-	30,8	-	-
97	-	-	-	-	-	-	-	-	-	28,6	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-

#### Remarks

SSL+LF2:

Max. capacities with minimum counterweight

For HSSL+LF2 a boom power-kit is required








600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SSL + LF2

 160 t  11-15 m  0-300 t  12 m  14 m x 14 m         360°  9.8 m/s         ISO						
	102 m			108 m		
	HSSL			HSSL		
	10°	15°	20°	10°	15°	20°
m	t	t	t	t	t	t
15	125,0	125,0	-	-	-	-
16	125,0	125,0	110,0	111,0	-	-
17	125,0	125,0	107,0	108,5	82,5	82,5
18	125,0	125,0	104,0	106,0	81,0	81,0
20	125,0	125,0	99,5	101,0	77,5	77,5
22	125,0	125,0	95,0	96,5	75,0	75,0
24	120,0	120,0	90,5	92,5	72,0	72,0
26	114,0	114,0	87,0	88,5	70,0	70,0
28	108,0	108,0	83,5	85,0	67,5	67,5
30	103,0	103,0	80,0	82,0	65,5	65,5
34	94,6	94,6	74,3	76,3	61,5	61,5
38	87,1	87,1	69,3	71,1	58,0	58,0
42	80,5	80,5	65,0	66,5	55,0	55,0
46	74,8	74,8	61,3	62,8	52,3	52,3
50	69,8	69,8	58,0	59,5	49,9	49,9
54	65,5	65,5	55,0	56,5	47,9	47,9
58	61,8	61,8	52,3	53,8	45,9	45,9
62	58,5	58,5	49,9	51,4	44,2	44,2
66	55,5	55,5	47,9	49,4	42,6	42,6
70	53,1	53,1	46,0	47,4	41,1	41,1
74	50,8	50,8	44,3	45,6	39,8	39,8
78	48,5	48,5	42,7	44,0	38,6	38,6
82	44,7	44,7	41,3	42,5	37,5	37,5
86	40,8	40,8	38,3	40,0	35,7	35,7
90	37,0	37,0	35,1	36,6	33,2	33,2
94	33,1	33,1	31,9	33,1	30,4	30,4
98	29,3	29,3	28,6	29,6	27,7	27,7
102	25,5	25,5	25,4	26,2	24,9	24,9
106	-	-	-	22,6	-	-
107	-	-	-	21,8	-	-
110	-	-	-	-	-	-

#### Remarks

SSL+LF2:

Max. capacities with minimum counterweight

For HSSL+LF2 a boom power-kit is required



## RATED LIFTING CAPACITY

### SSL + LF2

160 t            11-15 m            0-300 t            12 m            14 m x 14 m           360°            9.8 m/s           ISO													
	90 m						96 m						
	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	
	10°		15°		20°		10°		15°		20°		
m	t	t	t	t	t	t	t	t	t	t	t	t	t
14	125,0	125,0	-	-	-	-	-	-	-	-	-	-	-
15	125,0	125,0	111,0	122,0	-	-	125,0	125,0	-	-	-	-	-
16	125,0	125,0	108,0	118,0	82,5	90,5	125,0	125,0	109,0	120,0	-	-	-
17	125,0	125,0	105,0	115,0	80,7	88,5	124,0	125,0	106,5	117,0	81,5	89,5	-
18	125,0	125,0	102,0	112,0	79,0	86,5	123,0	125,0	104,0	114,0	80,0	87,5	-
20	125,0	125,0	97,0	106,0	75,5	83,0	121,0	125,0	98,5	108,0	76,5	84,0	-
22	121,0	125,0	92,0	101,0	72,5	79,5	119,0	125,0	94,0	103,0	73,5	81,0	-
24	114,0	120,0	88,0	96,5	69,5	76,5	117,0	123,0	89,5	98,5	71,0	78,0	-
26	107,0	113,0	84,0	92,0	67,0	74,0	111,0	117,0	86,0	94,5	68,0	75,0	-
28	102,0	107,0	80,5	88,5	64,5	71,0	105,0	111,0	82,5	90,5	66,0	72,5	-
30	97,0	102,0	77,0	84,5	62,5	69,0	100,0	105,0	79,0	87,0	63,5	70,0	-
34	88,6	93,6	71,3	78,5	58,5	64,6	91,6	96,6	73,3	81,0	59,8	66,0	-
38	81,3	86,0	66,3	73,1	55,0	60,8	84,1	89,0	68,3	75,5	56,3	62,1	-
42	75,0	79,0	62,0	68,5	52,0	57,5	77,5	82,0	64,0	70,5	53,0	58,5	-
46	69,6	73,6	58,3	64,5	49,4	54,5	72,5	76,6	60,3	66,5	50,6	55,8	-
50	65,0	68,8	55,0	60,8	47,0	51,8	67,8	71,8	57,0	62,8	48,2	53,1	-
54	61,0	64,5	52,0	57,5	44,8	49,6	63,5	67,5	54,0	59,5	46,0	50,5	-
58	57,6	61,1	49,6	54,8	43,0	47,6	59,8	63,8	51,3	56,5	44,1	48,7	-
62	54,5	58,0	47,4	52,3	41,3	45,7	56,6	60,3	48,9	53,8	42,4	47,0	-
66	51,5	55,0	45,3	50,0	39,8	44,1	54,0	57,0	46,9	51,5	40,8	45,3	-
70	49,4	52,3	43,5	48,2	38,4	42,7	51,3	54,6	45,0	49,7	39,4	43,8	-
74	47,4	50,0	41,9	46,5	37,2	41,4	49,0	52,3	43,3	48,0	38,2	42,4	-
78	45,4	48,2	40,5	44,9	36,2	40,2	47,2	50,0	41,8	46,3	37,1	41,2	-
82	43,7	45,2	39,3	43,1	35,4	39,2	45,3	46,8	40,5	44,1	36,1	40,2	-
86	41,6	42,1	38,2	40,9	34,6	38,4	42,8	43,4	39,1	41,5	35,3	38,7	-
88	40,3	40,4	37,7	39,5	34,3	38,1	41,2	41,6	38,3	40,0	34,9	37,7	-
90	39,1	38,7	37,3	38,2	-	-	39,6	39,7	37,6	38,5	34,6	36,6	-
92	37,5	-	36,9	-	-	-	38,0	37,9	36,4	37,0	34,3	35,5	-
93	-	-	-	-	-	-	37,2	37,0	35,9	36,2	34,2	35,0	-
94	-	-	-	-	-	-	36,4	36,1	35,3	35,5	-	-	-
97	-	-	-	-	-	-	34,0	-	33,7	-	-	-	-

#### Remarks

SSL/LSL+LF2:

Max. capacities with minimum counterweight

For SSL/LSL+LF2 SGLmax. a boom power-kit is required

600 TONNE Demag TC2800-1










# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SSL / LSL + LF2

 160 t  11-15 m  0-300 t  12 m  14 m x 14 m           360°  9.8 m/s           ISO													
	102 m						108 m						
	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	
	10°		15°		20°		10°		15°		20°		
m	t	t	t	t	t	t	t	t	t	t	t	t	
15	109,0	125,0	-	-	-	-	-	-	-	-	-	-	
16	109,0	125,0	99,0	122,0	-	-	94,5	124,0	-	-	-	-	
17	108,0	125,0	98,5	118,5	81,5	90,5	94,0	124,0	87,0	120,0	-	-	
18	107,0	125,0	98,0	115,0	80,5	88,5	93,5	124,0	87,0	117,0	79,5	89,5	
20	105,0	125,0	96,0	110,0	77,5	85,0	91,5	123,0	85,0	112,0	78,5	86,0	
22	103,0	125,0	94,0	105,0	74,5	82,0	89,5	122,0	83,0	107,0	75,5	83,0	
24	101,0	125,0	91,5	100,0	72,0	79,0	87,0	121,0	81,0	102,0	73,0	80,0	
26	99,0	120,0	87,5	96,5	69,5	76,5	84,5	120,0	78,5	98,5	70,5	77,5	
28	96,5	114,0	84,0	92,5	67,0	74,0	82,0	117,0	76,5	94,5	68,0	75,0	
30	94,0	109,0	81,0	89,0	65,0	71,5	80,0	112,0	74,5	91,0	66,0	72,5	
34	89,3	100,0	75,3	83,0	61,0	67,1	75,3	103,0	70,5	85,0	62,0	68,5	
38	84,8	92,0	70,1	77,5	57,5	63,3	71,3	95,0	67,0	79,5	58,5	64,8	
42	80,5	85,0	65,5	72,5	54,5	60,0	68,0	88,0	64,0	74,5	55,5	61,5	
46	75,1	79,3	61,8	68,5	51,8	57,0	64,6	82,3	61,3	70,1	52,8	58,5	
50	70,3	74,3	58,5	64,6	49,4	54,3	61,5	77,0	58,6	66,3	50,4	55,6	
54	66,0	70,0	55,5	61,0	47,2	52,0	58,5	72,0	56,0	63,0	48,3	53,0	
58	62,3	66,0	52,8	58,3	45,2	50,0	55,5	68,0	53,3	60,0	46,3	51,0	
62	59,0	62,5	50,4	55,8	43,5	48,2	52,6	64,5	50,7	57,3	44,5	49,1	
66	56,0	59,5	48,4	53,5	41,9	46,4	49,8	61,5	48,3	55,0	42,9	47,5	
70	53,3	56,8	46,4	51,1	40,5	44,8	47,1	58,8	45,9	52,6	41,4	45,9	
74	51,0	54,3	44,7	49,2	39,2	43,4	44,6	55,6	43,6	50,7	40,1	44,5	
78	49,0	52,0	43,1	47,7	38,0	42,2	42,2	52,0	41,6	49,2	38,9	43,2	
82	45,8	48,8	41,1	45,3	37,0	40,8	39,8	48,4	39,4	46,4	37,8	41,4	
86	42,4	45,1	38,8	42,5	36,0	38,8	37,5	44,8	37,3	43,0	36,6	38,8	
90	39,0	41,3	36,2	39,2	34,7	36,4	35,2	41,1	35,3	39,6	34,7	36,2	
94	35,5	37,3	33,6	35,9	32,9	33,9	32,8	37,3	33,2	36,2	32,7	33,5	
98	32,0	33,4	30,9	32,6	31,2	31,5	30,4	33,6	31,1	32,8	30,8	30,9	
102	28,6	29,5	28,3	29,4	-	-	28,1	29,9	29,1	29,4	28,9	28,2	
103	-	-	-	-	-	-	27,5	28,9	28,6	28,5	28,4	27,5	
106	-	-	-	-	-	-	25,7	26,1	27,0	26,1	-	-	
107	-	-	-	-	-	-	25,2	-	26,5	-	-	-	
108	-	-	-	-	-	-	-	-	26,0	-	-	-	
110	-	-	-	-	-	-	-	-	-	-	-	-	

#### Remarks

SSL/LSL+LF2:

Max. capacities with minimum counterweight

For SSL/LSL+LF2 SGLmax. a boom power-kit is required



## RATED LIFTING CAPACITY

### SSL / LSL + LF2

160 t            11-15 m            0-300 t            12 m            14 m x 14 m           360°            9.8 m/s           ISO													
	114 m						120 m						
	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	
	10°		15°		20°		10°		15°		20°		
m	t	t	t	t	t	t	t	t	t	t	t	t	t
16	85,5	115,0	-	-	-	-	-	-	-	-	-	-	-
17	85,2	115,0	79,5	111,0	-	-	75,5	107,0	-	-	-	-	-
18	85,0	115,0	79,5	111,0	73,5	90,5	75,5	107,0	70,0	105,0	-	-	-
19	84,5	115,0	79,2	110,5	73,5	88,7	75,0	107,0	69,7	104,5	65,0	89,5	-
20	84,0	115,0	79,0	110,0	73,5	87,0	74,5	107,0	69,5	104,0	65,0	88,0	-
22	82,5	115,0	77,5	108,0	72,5	84,0	73,5	107,0	68,5	103,0	64,0	85,0	-
24	81,0	115,0	76,5	104,0	71,5	81,0	72,5	107,0	67,5	101,0	63,5	82,0	-
26	79,5	115,0	75,0	100,0	70,5	78,5	71,0	107,0	66,5	100,0	62,5	79,5	-
28	78,0	115,0	73,5	96,5	69,0	76,0	70,0	107,0	65,5	98,0	61,5	77,0	-
30	76,5	113,0	72,5	92,5	67,0	73,5	68,5	107,0	64,5	94,5	60,5	74,5	-
34	73,5	105,0	69,5	86,5	63,0	69,5	65,8	103,0	61,8	88,5	58,1	70,5	-
38	70,5	97,5	66,6	81,0	59,5	65,8	63,1	98,3	59,3	83,0	56,0	66,8	-
42	67,5	90,5	64,0	76,0	56,5	62,5	60,5	93,0	57,0	78,0	54,0	63,5	-
46	64,8	84,8	61,6	72,0	53,8	59,5	58,5	87,3	55,3	73,6	52,3	60,5	-
50	62,3	79,5	59,5	68,1	51,4	56,8	56,5	82,0	53,5	69,8	50,7	57,8	-
54	60,0	74,5	57,5	64,5	49,3	54,5	54,5	77,0	51,5	66,5	49,3	55,5	-
58	57,3	70,8	55,1	61,8	47,3	52,1	52,5	71,6	49,8	63,5	47,7	53,5	-
62	54,6	66,8	52,8	59,1	45,5	50,2	50,4	66,5	48,1	60,3	46,1	51,5	-
66	52,0	62,5	50,5	56,5	43,9	48,6	48,4	61,5	46,3	57,0	44,5	49,6	-
70	49,6	57,8	48,3	54,1	42,4	47,0	46,3	56,5	44,4	54,0	42,8	48,0	-
74	47,2	53,8	46,1	52,2	41,0	45,5	44,2	51,9	42,5	51,3	41,1	46,4	-
78	44,7	50,5	43,7	50,5	39,8	44,1	42,1	47,8	40,6	48,6	39,5	45,1	-
82	42,2	47,1	41,3	47,3	38,6	42,5	39,8	43,6	38,6	45,4	37,5	43,8	-
86	39,7	43,7	38,9	43,9	37,3	40,3	37,6	39,7	36,5	42,3	35,6	41,7	-
90	37,2	40,3	36,5	40,5	35,8	37,4	35,4	35,9	34,5	39,1	33,7	38,9	-
94	34,6	36,8	34,1	37,0	33,5	34,5	33,2	32,4	32,4	35,9	31,7	35,8	-
98	32,1	33,3	31,7	33,6	31,2	31,5	31,0	29,1	30,3	32,7	29,8	32,6	-
102	29,7	29,9	29,3	30,2	29,0	28,6	28,8	26,1	28,3	29,6	27,9	29,5	-
106	27,1	26,4	26,9	26,7	26,7	25,6	26,6	23,3	26,2	26,4	25,9	26,3	-
108	25,9	24,7	25,7	25,0	25,6	24,2	25,5	21,9	25,2	24,8	25,0	24,8	-
110	24,6	23,0	24,5	23,3	-	-	24,4	20,6	24,1	23,2	24,0	23,2	-
112	23,4	-	23,3	-	-	-	23,3	19,4	23,1	21,6	23,0	21,7	-
113	22,8	-	22,7	-	-	-	22,7	18,8	22,6	20,8	-	-	-
114	-	-	-	-	-	-	22,2	18,2	22,1	20,1	-	-	-
118	-	-	-	-	-	-	20,0	16,1	20,1	16,9	-	-	-

#### Remarks

SSL/LSL+LF2:

Max. capacities with minimum counterweight







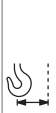
For SSL/LSL+LF2 SGLmax. a boom power-kit is required

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SSL / LSL + LF2

 160 t  11-15 m  0-300 t  12 m  14 m x 14 m           360°  9.8 m/s           ISO													
	126 m						132 m						
	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	SSL/LSL+LF2	SSL/LSL+LF2 SGLmax.	
	10°		15°		20°		10°		15°		20°		
m	t	t	t	t	t	t	t	t	t	t	t	t	
17	66,0	97,5	-	-	-	-	-	-	-	-	-	-	
18	66,0	97,5	62,0	96,5	-	-	61,5	90,5	-	-	-	-	
19	65,7	97,5	62,0	96,5	58,0	90,0	61,2	90,5	58,0	89,5	-	-	
20	65,5	97,5	62,0	96,5	58,0	88,5	61,0	90,5	58,0	89,5	54,5	86,5	
22	64,5	97,5	61,0	96,0	57,5	85,5	60,5	90,0	57,5	89,5	54,5	86,5	
24	63,5	97,5	60,0	96,0	56,5	83,0	60,0	90,0	57,0	89,0	54,0	83,5	
26	62,5	97,5	59,0	95,5	55,5	80,5	59,0	89,5	56,0	89,0	53,0	81,0	
28	61,5	97,5	58,0	95,0	55,0	78,0	58,5	89,5	55,5	89,0	52,5	79,0	
30	60,5	97,5	57,0	95,0	54,0	75,5	57,5	89,0	54,5	88,5	52,0	76,5	
34	58,1	95,8	55,0	89,6	52,0	71,5	55,8	87,6	53,1	87,5	50,6	72,5	
38	55,8	93,8	53,0	84,5	50,2	67,8	54,1	86,0	51,6	85,0	49,3	68,8	
42	53,5	91,5	51,0	79,5	48,6	64,5	52,5	84,0	50,0	81,0	47,9	65,5	
46	51,5	86,8	49,4	75,5	47,0	61,8	51,1	80,6	48,7	77,0	46,5	62,8	
50	49,7	81,5	47,8	71,6	45,5	59,1	49,7	76,5	47,4	73,1	45,3	60,1	
54	48,1	75,5	46,2	68,0	44,1	56,5	48,3	71,5	46,1	69,5	44,1	57,5	
58	46,3	70,1	44,6	65,0	42,6	54,5	46,8	66,5	44,7	65,8	42,9	55,5	
62	44,5	65,0	43,0	61,6	41,2	52,5	45,3	61,6	43,4	61,6	41,7	53,5	
66	42,7	60,0	41,4	58,0	39,8	50,5	43,8	57,0	42,1	57,0	40,5	51,5	
70	40,9	54,8	39,8	54,0	38,4	49,0	42,3	52,3	40,7	52,7	39,3	49,2	
74	39,1	50,4	38,2	50,1	36,9	47,3	40,8	48,0	39,4	48,5	38,1	46,5	
78	37,4	46,2	36,6	46,4	35,5	45,6	39,4	44,2	38,1	44,6	36,9	43,6	
82	35,5	42,1	34,9	42,8	33,9	43,1	37,9	40,4	36,7	40,8	35,6	40,8	
86	33,7	38,1	33,1	39,3	32,2	40,4	36,4	36,7	35,4	37,1	34,4	38,0	
90	31,9	34,4	31,4	35,9	30,6	37,5	35,0	33,1	34,1	33,5	33,2	35,3	
94	30,1	31,0	29,6	32,7	28,9	34,5	33,5	29,7	32,7	30,2	32,0	32,6	
98	28,3	27,7	27,8	29,5	27,2	31,6	32,0	26,6	31,4	27,0	30,8	29,9	
102	26,4	24,6	26,1	26,5	25,6	28,7	30,5	23,6	30,1	24,0	29,6	27,2	
106	24,6	21,8	24,3	23,7	23,9	25,7	29,0	20,8	28,7	21,2	28,4	24,5	
110	22,8	19,2	22,5	20,9	22,2	22,8	27,5	18,2	27,4	18,6	27,2	21,8	
114	21,0	16,8	20,8	18,3	20,5	19,9	26,1	15,8	26,2	16,1	26,0	19,1	
117	19,6	15,2	19,4	16,4	19,3	17,7	25,0	14,1	25,2	14,4	25,1	17,1	
118	19,2	14,7	19,0	15,7	-	-	24,6	13,5	24,8	13,8	24,8	16,4	
122	17,3	12,8	17,2	13,4	-	-	22,8	11,4	23,0	11,7	23,3	13,7	
123	16,9	-	16,8	-	-	-	22,2	10,9	22,5	11,2	-	-	
126	-	-	-	-	-	-	20,6	9,5	20,8	9,7	-	-	
128	-	-	-	-	-	-	19,4	-	19,6	-	-	-	
130	-	-	-	-	-	-	-	-	-	-	-	-	

#### Remarks

SSL/LSL+LF2:

Max. capacities with minimum counterweight

For SSL/LSL+LF2 SGLmax. a boom power-kit is required



## RATED LIFTING CAPACITY

### SSL / LSL + LF2

160 t	11-15 m	0-300 t	12 m	14 m x 14 m	360°	9.8 m/s	ISO
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138 m						
	SSL/LSL+LF2		SSL/LSL+LF2		SSL/LSL+LF2	
	LF2	SGLmax.	LF2	SGLmax.	LF2	SGLmax.
	10°		15°		20°	
m	t	t	t	t	t	t
18	53,0	79,5	-	-	-	-
19	53,0	79,5	51,5	79,0	-	-
20	53,0	79,5	51,5	79,0	49,2	78,0
22	52,5	79,0	51,5	79,0	49,2	78,0
24	52,0	78,5	51,0	78,5	48,8	77,5
26	51,5	78,0	50,5	78,0	48,4	77,0
28	51,0	77,5	50,0	77,5	48,0	77,0
30	50,0	77,0	49,7	77,0	47,6	76,5
34	49,1	76,0	48,7	76,0	46,6	73,1
38	48,1	75,0	47,6	75,0	45,7	69,8
42	46,9	74,0	46,6	74,0	44,8	66,5
46	45,3	72,3	45,4	72,6	43,8	63,5
50	43,2	69,3	43,7	69,8	42,6	60,8
54	40,8	65,0	41,7	65,5	41,3	58,5
58	38,3	60,6	39,7	61,1	39,9	56,1
62	35,8	56,5	37,6	57,0	38,6	54,0
66	33,3	52,5	35,6	53,0	37,2	51,5
70	30,8	48,8	33,6	49,2	35,8	48,1
74	28,3	45,1	31,6	45,5	34,5	44,8
78	25,9	41,5	29,5	41,9	33,2	41,6
82	23,4	38,0	27,5	38,4	31,8	38,4
84	22,2	36,3	26,5	36,7	31,2	36,9
86	-	34,6	25,4	35,0	30,5	35,3
90	-	31,4	23,4	31,8	29,1	32,3
94	-	28,3	21,4	28,7	27,8	29,4
98	-	25,3	19,3	25,7	26,4	26,6
102	-	22,5	17,3	22,8	25,1	23,9
106	-	19,8	15,3	20,1	23,7	21,2
110	-	17,2	13,2	17,5	22,3	18,6
114	-	14,8	11,2	15,1	21,0	16,2
118	-	12,6	9,1	12,8	19,6	13,8
122	-	10,4	7,1	10,6	18,2	11,5
126	-	8,4	5,1	8,6	16,9	9,3
127	-	7,9	4,5	8,1	16,6	8,8
129	-	6,9	3,5	7,2	-	-
130	-	6,5	-	6,7	-	-
134	-	-	-	4,9	-	-

#### Remarks

SSL/LSL+LF2:

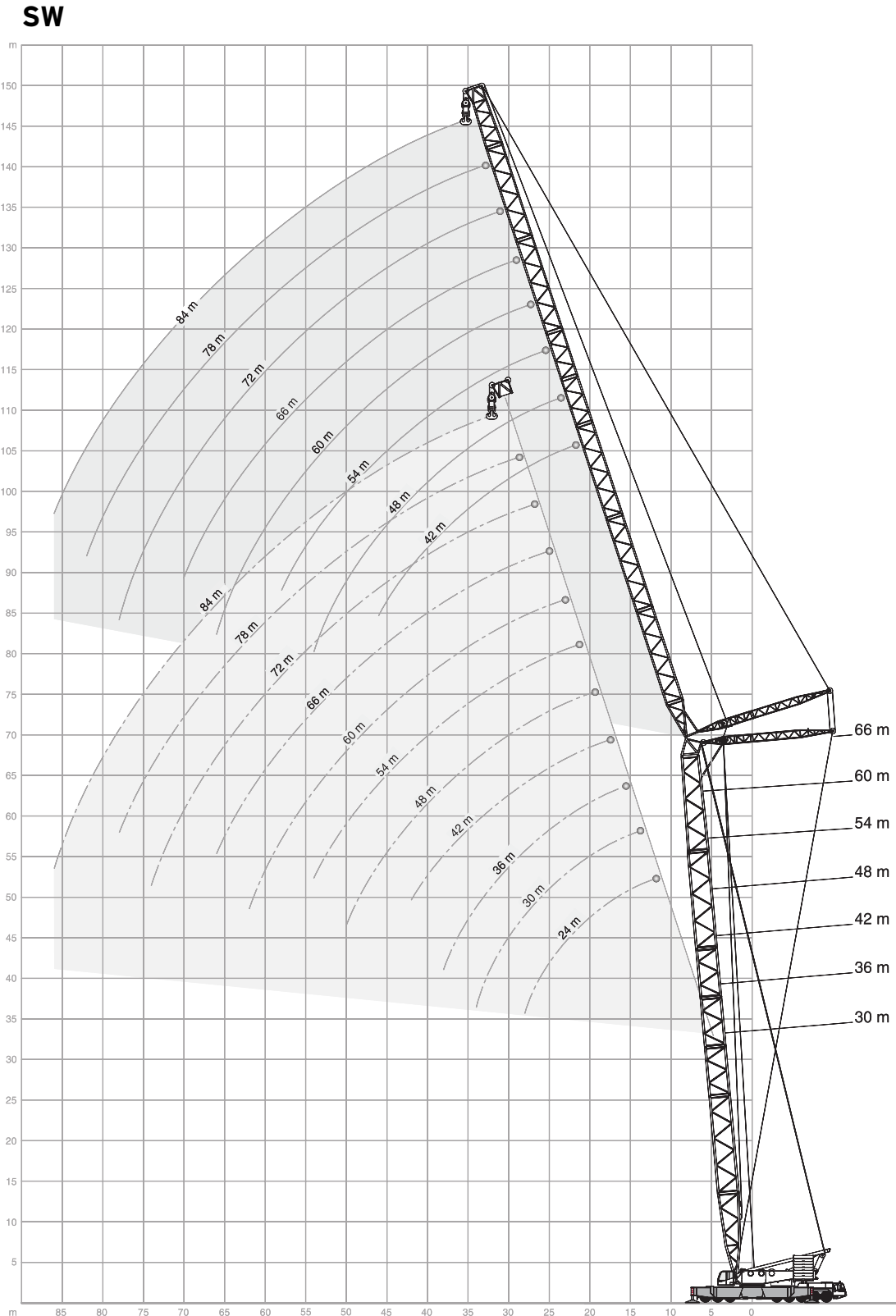
Max. capacities with minimum counterweight

For SSL/LSL+LF2 SGLmax. a boom power-kit is required

# 600 TONNE

## Demag TC2800-1 Truck Crane

### WORKING RANGE CHART





## RATED LIFTING CAPACITY

### SW

200 t	14 m x 14 m	360°	9.8 m/s	ISO
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30 m																		
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	24 m			30 m			36 m			42 m			48 m			54 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
14	287,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	252,0	-	-	245,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	221,0	-	-	220,0	-	-	206,0	-	-	-	-	-	-	-	-	-	-	-
20	196,0	-	-	195,0	-	-	194,0	-	-	182,0	-	-	-	-	-	-	-	-
22	175,0	-	-	174,0	-	-	173,0	-	-	172,0	-	-	156,0	-	-	-	-	-
24	155,0	147,0	-	154,0	-	-	154,0	-	-	152,0	-	-	151,0	-	-	136,0	-	-
26	137,0	131,0	-	137,0	130,0	-	136,0	-	-	135,0	-	-	135,0	-	-	133,0	-	-
28	123,0	118,0	-	123,0	117,0	-	122,0	-	-	121,0	-	-	121,0	-	-	120,0	-	-
30	-	107,0	-	111,0	106,0	-	111,0	105,0	-	110,0	-	-	109,0	-	-	108,0	-	-
32	-	97,5	93,0	102,2	96,5	-	102,0	95,5	-	101,0	94,5	-	100,2	-	-	99,2	-	-
34	-	-	85,5	93,5	88,5	-	93,0	88,0	-	92,0	87,0	-	91,5	86,0	-	90,5	-	-
36	-	-	79,0	-	82,0	77,5	86,2	81,0	-	85,2	80,0	-	84,7	79,0	-	83,7	-	-
38	-	-	73,0	-	76,0	72,0	79,5	75,0	-	78,5	74,0	-	78,0	73,5	-	77,0	72,0	-
40	-	-	-	-	-	67,0	-	70,0	66,0	73,5	69,0	-	73,0	68,0	-	72,0	67,0	-
42	-	-	-	-	-	62,5	-	65,5	61,5	68,5	64,5	-	68,0	63,5	-	67,0	62,5	-
44	-	-	-	-	-	-	-	61,5	58,0	-	60,5	56,5	63,7	59,5	-	62,7	58,5	-
46	-	-	-	-	-	-	-	-	54,5	-	56,5	53,0	59,5	56,0	52,5	58,5	55,0	-
50	-	-	-	-	-	-	-	-	48,6	-	50,5	47,5	53,0	49,9	46,6	52,0	48,7	45,3
54	-	-	-	-	-	-	-	-	-	-	-	42,6	-	44,7	41,7	46,8	43,5	40,4
56	-	-	-	-	-	-	-	-	-	-	-	-	-	42,5	39,5	-	41,3	38,3
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,6	-	39,2	36,3
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35,6	32,9
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,9

	60 m			66 m			72 m			78 m			84 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
26	117,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	117,0	-	-	102,0	-	-	-	-	-	-	-	-	-	-	-
30	107,0	-	-	102,0	-	-	89,0	-	-	-	-	-	-	-	-
34	90,0	-	-	89,0	-	-	88,0	-	-	76,0	-	-	66,0	-	-
38	76,5	-	-	76,0	-	-	75,0	-	-	74,0	-	-	66,0	-	-
40	71,2	66,5	-	70,7	-	-	69,7	-	-	69,2	-	-	64,5	-	-
42	66,0	61,5	-	65,5	-	-	64,5	-	-	64,5	-	-	63,0	-	-
44	62,0	57,5	-	61,5	57,0	-	60,5	-	-	60,2	-	-	59,0	-	-
46	58,0	54,0	-	57,5	53,5	-	56,5	52,0	-	56,0	-	-	55,0	-	-
50	51,5	48,0	-	51,0	47,2	-	49,9	46,0	-	49,6	45,7	-	48,8	-	-
52	48,8	45,2	-	48,2	44,5	-	47,1	43,3	-	46,8	43,0	-	46,0	42,0	-
54	46,1	42,8	39,6	45,5	42,1	-	44,4	40,9	-	44,1	40,5	-	43,3	39,6	-
58	41,5	38,4	35,5	40,9	37,7	34,7	39,8	36,5	-	39,5	36,2	-	38,6	35,2	-
62	37,7	34,7	32,0	37,0	34,0	31,2	35,9	32,8	29,9	35,6	32,5	-	34,7	31,5	-
66	-	31,6	29,0	33,6	30,8	28,2	32,5	29,6	26,7	32,2	29,3	26,2	31,3	28,3	-
68	-	30,2	27,6	-	29,4	26,8	31,0	28,2	25,3	30,7	27,8	24,8	29,8	26,8	-
70	-	-	26,4	-	28,1	25,5	29,6	26,9	24,0	29,2	26,5	23,5	28,3	25,4	22,3
74	-	-	-	-	25,8	23,1	27,1	24,5	21,6	26,7	24,0	21,1	25,8	22,8	19,9
78	-	-	-	-	-	21,1	-	22,3	19,5	24,4	21,7	19,0	23,5	20,6	17,8
80	-	-	-	-	-	-	-	21,3	18,6	-	20,7	18,0	22,4	19,5	16,8
82	-	-	-	-	-	-	-	-	17,7	-	19,7	17,1	21,4	18,6	15,9
84	-	-	-	-	-	-	-	-	-	-	18,9	16,3	20,4	17,7	15,0
86	-	-	-	-	-	-	-	-	-	-	-	15,5	19,5	16,8	14,2
90	-	-	-	-	-	-	-	-	-	-	-	14,0	-	15,3	12,8
94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,5

#### Remarks

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1


# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SW**

 200 t	 14 m x 14 m	360°	 9.8 m/s	ISO
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 36 m
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	24 m			30 m			36 m			42 m			48 m			54 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
16	250,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	220,0	-	-	218,0	-	-	189,0	-	-	-	-	-	-	-	-	-	-	-
20	194,0	-	-	193,0	-	-	189,0	-	-	164,0	-	-	-	-	-	-	-	-
22	173,0	-	-	172,0	-	-	172,0	-	-	164,0	-	-	139,0	-	-	-	-	-
24	154,0	-	-	154,0	-	-	153,0	-	-	151,0	-	-	139,0	-	-	120,0	-	-
26	137,0	129,0	-	136,0	-	-	136,0	-	-	135,0	-	-	134,0	-	-	120,0	-	-
28	123,0	116,0	-	122,0	115,0	-	122,0	-	-	121,0	-	-	120,0	-	-	119,0	-	-
30	-	105,0	-	111,0	104,0	-	110,0	103,0	-	109,0	-	-	109,0	-	-	108,0	-	-
34	-	88,0	82,5	93,0	87,0	-	92,5	86,5	-	91,5	85,0	-	91,0	-	-	90,0	-	-
36	-	-	76,5	-	80,5	-	86,0	79,5	-	85,0	78,5	-	84,5	77,5	-	83,2	-	-
38	-	-	71,0	-	74,5	69,5	79,5	74,0	-	78,5	72,5	-	78,0	72,0	-	76,5	-	-
40	-	-	-	-	69,5	65,0	-	68,5	-	73,2	67,5	-	72,7	67,0	-	71,5	65,5	-
42	-	-	-	-	-	60,5	-	64,0	59,5	68,0	63,0	-	67,5	62,5	-	66,5	61,0	-
46	-	-	-	-	-	53,5	-	56,5	52,5	60,0	55,5	51,0	59,5	54,5	-	58,5	53,5	-
50	-	-	-	-	-	-	-	-	46,7	-	49,6	45,6	53,0	48,7	44,6	52,0	47,6	-
52	-	-	-	-	-	-	-	-	-	-	46,9	43,1	-	46,1	42,1	49,3	44,9	-
54	-	-	-	-	-	-	-	-	-	-	-	40,8	-	43,7	39,9	46,6	42,5	38,6
58	-	-	-	-	-	-	-	-	-	-	-	36,9	-	39,4	35,9	42,1	38,2	34,6
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,5	-	34,6	31,2
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33,1	29,7
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,4
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,8
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	60 m			66 m			72 m			78 m			84 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
26	107,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	107,0	-	-	93,0	-	-	-	-	-	-	-	-	-	-	-
30	107,0	-	-	93,0	-	-	80,0	-	-	-	-	-	-	-	-
34	89,5	-	-	88,0	-	-	80,0	-	-	70,0	-	-	61,0	-	-
38	76,0	-	-	75,5	-	-	74,0	-	-	70,0	-	-	61,0	-	-
42	66,0	60,5	-	65,5	-	-	64,0	-	-	64,0	-	-	60,0	-	-
44	61,7	56,5	-	61,2	55,5	-	60,0	-	-	60,0	-	-	57,5	-	-
46	57,5	52,5	-	57,0	52,0	-	56,0	-	-	56,0	-	-	55,0	-	-
48	54,2	49,7	-	53,7	49,0	-	52,8	47,7	-	52,7	-	-	51,7	-	-
50	51,0	46,8	-	50,5	46,0	-	49,6	44,8	-	49,4	44,5	-	48,5	-	-
54	45,9	41,7	-	45,2	40,9	-	44,1	39,7	-	43,9	39,4	-	43,0	38,4	-
58	41,3	37,4	33,7	40,6	36,7	-	39,5	35,5	-	39,3	35,1	-	38,4	34,1	-
62	37,4	33,8	30,3	36,7	33,0	29,4	35,6	31,8	-	35,3	31,5	-	34,5	30,5	-
66	-	30,7	27,3	33,4	29,9	26,3	32,3	28,7	24,8	32,0	28,3	-	31,1	27,2	-
70	-	28,0	24,7	-	27,2	23,7	29,4	25,9	22,2	29,0	25,5	21,7	28,1	24,3	-
74	-	-	22,4	-	24,9	21,4	26,9	23,4	19,9	26,5	23,0	19,4	25,5	21,8	18,1
78	-	-	-	-	-	19,4	-	21,3	17,9	24,2	20,7	17,3	23,3	19,6	16,1
80	-	-	-	-	-	-	-	20,3	17,0	-	19,7	16,4	22,2	18,6	15,2
82	-	-	-	-	-	-	-	-	16,1	-	18,8	15,5	21,1	17,6	14,3
86	-	-	-	-	-	-	-	-	14,6	-	17,1	14,0	19,3	15,9	12,7
90	-	-	-	-	-	-	-	-	-	-	-	12,6	-	14,4	11,3
92	-	-	-	-	-	-	-	-	-	-	-	-	-	13,7	10,6
94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,0
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,9
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

#### Remarks

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1



## RATED LIFTING CAPACITY

### SW

200 t	14 m x 14 m	360°	9.8 m/s	ISO
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42 m																		
	24 m			30 m			36 m			42 m			48 m			54 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
16	241,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	218,0	-	-	207,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	192,0	-	-	191,0	-	-	167,0	-	-	-	-	-	-	-	-	-	-	-
22	172,0	-	-	171,0	-	-	166,0	-	-	145,0	-	-	-	-	-	-	-	-
24	154,0	-	-	153,0	-	-	151,0	-	-	144,0	-	-	128,0	-	-	110,0	-	-
26	137,0	127,0	-	136,0	-	-	135,0	-	-	134,0	-	-	128,0	-	-	110,0	-	-
28	123,0	114,0	-	122,0	-	-	122,0	-	-	120,0	-	-	119,0	-	-	110,0	-	-
30	-	103,0	-	111,0	102,0	-	110,0	-	-	109,0	-	-	108,0	-	-	107,0	-	-
32	-	94,0	-	102,0	93,0	-	101,2	92,0	-	100,2	-	-	99,2	-	-	98,2	-	-
34	-	86,5	-	93,0	85,5	-	92,5	84,5	-	91,5	-	-	90,5	-	-	89,5	-	-
36	-	80,0	-	-	79,0	-	85,7	78,0	-	84,7	76,5	-	84,0	-	-	83,0	-	-
38	-	-	68,0	-	73,0	-	79,0	72,0	-	78,0	71,0	-	77,5	70,0	-	76,5	-	-
40	-	-	63,5	-	68,0	-	-	67,0	-	73,0	66,0	-	72,2	65,0	-	71,2	64,0	-
42	-	-	59,5	-	63,5	58,0	-	63,0	-	68,0	61,5	-	67,0	61,0	-	66,0	59,5	-
46	-	-	-	-	-	51,0	-	55,5	50,0	60,0	54,0	-	59,0	53,5	-	58,0	52,0	-
48	-	-	-	-	-	-	-	52,0	47,3	-	51,0	-	55,7	50,0	-	54,7	49,1	-
50	-	-	-	-	-	-	-	-	44,6	-	48,3	43,4	52,5	47,5	-	51,5	46,3	-
54	-	-	-	-	-	-	-	-	40,0	-	43,4	38,8	-	42,5	37,9	46,3	41,3	-
58	-	-	-	-	-	-	-	-	-	-	-	35,0	-	38,3	34,0	41,8	37,1	32,7
60	-	-	-	-	-	-	-	-	-	-	-	-	-	36,5	32,3	-	35,3	30,9
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30,8	-	33,6	29,3
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,3	-	32,0	27,8
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,0	-	-	26,4
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,9
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	60 m			66 m			72 m			78 m			84 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
26	96,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	96,0	-	-	86,0	-	-	-	-	-	-	-	-	-	-	-
30	96,0	-	-	86,0	-	-	73,0	-	-	-	-	-	-	-	-
34	88,0	-	-	86,0	-	-	73,0	-	-	66,0	-	-	57,0	-	-
38	76,0	-	-	75,0	-	-	72,0	-	-	66,0	-	-	57,0	-	-
42	65,5	-	-	65,0	-	-	64,0	-	-	63,0	-	-	56,0	-	-
44	61,5	55,0	-	61,0	-	-	59,7	-	-	59,2	-	-	55,0	-	-
46	57,5	51,5	-	57,0	50,5	-	55,5	-	-	55,5	-	-	54,0	-	-
50	51,0	45,5	-	50,0	44,7	-	49,3	43,4	-	49,1	-	-	48,2	-	-
52	48,3	42,9	-	47,4	42,1	-	46,5	40,8	-	46,3	40,5	-	45,4	-	-
54	45,6	40,5	-	44,9	39,7	-	43,8	38,5	-	43,6	38,1	-	42,7	37,1	-
58	41,0	36,3	-	40,4	35,5	-	39,2	34,3	-	39,0	33,9	-	38,1	32,9	-
62	37,2	32,7	28,2	36,5	32,0	27,2	35,3	30,7	-	35,1	30,4	-	34,2	29,2	-
66	-	29,7	25,3	33,1	28,9	24,3	32,0	27,5	22,7	31,7	27,1	-	30,8	26,0	-
70	-	27,1	22,8	30,3	26,2	21,8	29,1	24,7	20,2	28,8	24,3	19,7	27,9	23,1	-
74	-	-	20,6	-	23,8	19,6	26,6	22,3	18,0	26,2	21,9	17,5	25,3	20,7	16,2
76	-	-	19,6	-	22,7	18,6	-	21,2	17,0	25,1	20,7	16,5	24,1	19,6	15,2
78	-	-	18,7	-	-	17,7	-	20,2	16,1	24,0	19,7	15,6	23,0	18,5	14,3
82	-	-	-	-	-	16,0	-	18,3	14,4	-	17,8	13,8	20,8	16,6	12,6
86	-	-	-	-	-	-	-	-	12,9	-	16,1	12,3	19,0	14,9	11,1
88	-	-	-	-	-	-	-	-	12,3	-	15,4	11,6	-	14,1	10,4
90	-	-	-	-	-	-	-	-	11,7	-	-	11,0	-	13,4	9,7
94	-	-	-	-	-	-	-	-	-	-	-	9,8	-	12,1	8,5
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,4
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

#### Remarks

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1



















# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SW**

 200 t				 14 m x 14 m				360°				 9.8 m/s				ISO			
 48 m																			
 24 m				 30 m			 36 m			 42 m			 48 m			 54 m			
 85° 75° 65°				 85° 75° 65°			 85° 75° 65°			 85° 75° 65°			 85° 75° 65°			 85° 75° 65°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	
16	212,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18	212,0	-	-	181,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	191,0	-	-	181,0	-	-	156,0	-	-	-	-	-	-	-	-	-	-	-	
22	170,0	-	-	166,0	-	-	156,0	-	-	136,0	-	-	-	-	-	-	-	-	
24	153,0	-	-	152,0	-	-	146,0	-	-	136,0	-	-	117,0	-	-	-	-	-	
26	136,0	-	-	135,0	-	-	134,0	-	-	130,0	-	-	117,0	-	-	103,0	-	-	
28	122,0	111,0	-	122,0	-	-	121,0	-	-	119,0	-	-	116,0	-	-	103,0	-	-	
30	111,0	101,0	-	110,0	-	-	110,0	-	-	108,0	-	-	107,0	-	-	102,0	-	-	
32	-	92,0	-	101,2	91,0	-	101,0	-	-	99,5	-	-	98,5	-	-	95,5	-	-	
34	-	84,5	-	92,5	83,5	-	92,0	82,5	-	91,0	-	-	90,0	-	-	89,0	-	-	
36	-	78,0	-	-	77,0	-	85,2	76,0	-	84,2	75,0	-	83,5	-	-	82,5	-	-	
38	-	72,5	-	-	71,5	-	78,5	70,5	-	77,5	69,5	-	77,0	-	-	76,0	-	-	
40	-	-	-	-	66,5	-	-	65,5	-	72,5	64,5	-	72,0	63,5	-	71,0	-	-	
42	-	-	57,0	-	62,0	-	-	61,0	-	67,5	60,0	-	67,0	59,0	-	66,0	58,0	-	
44	-	-	53,0	-	58,5	52,0	-	57,5	-	63,5	56,0	-	63,0	55,5	-	61,7	54,0	-	
46	-	-	50,0	-	-	49,0	-	54,0	-	59,5	52,5	-	59,0	52,0	-	57,5	50,5	-	
48	-	-	-	-	-	46,2	-	50,5	44,9	-	49,8	-	55,5	48,9	-	54,2	47,7	-	
50	-	-	-	-	-	43,6	-	48,1	42,3	-	47,0	41,1	52,0	46,1	-	51,0	44,9	-	
54	-	-	-	-	-	-	-	-	37,9	-	42,1	36,7	-	41,2	35,7	45,9	40,0	-	
58	-	-	-	-	-	-	-	-	-	-	-	33,0	-	37,1	31,9	41,4	35,9	30,3	
60	-	-	-	-	-	-	-	-	-	-	-	31,4	-	35,3	30,2	-	34,1	28,6	
62	-	-	-	-	-	-	-	-	-	-	-	29,8	-	-	28,6	-	32,4	27,1	
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,9	-	29,5	24,3	
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,9	
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,8	

60 m				66 m				72 m				78 m				84 m			
85° 75° 65°				85° 75° 65°				85° 75° 65°				85° 75° 65°				85° 75° 65°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
28	91,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	91,0	-	-	79,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	88,0	-	-	79,0	-	-	-	70,0	-	-	-	61,0	-	-	-	53,0	-	-	-
38	75,5	-	-	74,0	-	-	-	69,0	-	-	-	61,0	-	-	-	53,0	-	-	-
42	65,0	-	-	64,5	-	-	-	63,0	-	-	-	60,0	-	-	-	53,0	-	-	-
46	57,0	50,0	-	56,5	-	-	-	55,5	-	-	-	55,0	-	-	-	52,0	-	-	-
48	53,7	46,9	-	53,2	46,1	-	-	52,2	-	-	-	51,8	-	-	-	49,5	-	-	-
50	50,5	44,1	-	50,0	43,3	-	-	48,9	42,0	-	-	48,7	-	-	-	47,0	-	-	-
54	45,3	39,2	-	44,6	38,4	-	-	43,5	37,1	-	-	43,3	36,8	-	-	42,4	-	-	-
56	43,0	37,1	-	42,3	36,3	-	-	41,2	35,0	-	-	41,0	34,6	-	-	40,1	33,5	-	-
58	40,7	35,1	-	40,0	34,3	-	-	38,9	33,0	-	-	38,7	32,7	-	-	37,8	31,4	-	-
62	36,9	31,6	26,0	36,2	30,8	-	-	35,0	29,4	-	-	34,8	29,0	-	-	33,9	27,8	-	-
66	-	28,6	23,2	32,8	27,7	22,1	-	31,7	26,2	-	-	31,4	25,8	-	-	30,5	24,6	-	-
70	-	25,9	20,8	30,0	25,0	19,7	-	28,8	23,5	18,1	-	28,5	23,1	-	-	27,6	21,9	-	-
72	-	24,7	19,7	-	23,8	18,7	-	27,5	22,3	17,0	-	27,2	21,8	-	-	26,3	20,6	-	-
74	-	-	18,7	-	22,6	17,6	-	26,3	21,1	16,0	-	25,9	20,7	15,5	-	25,0	19,5	-	-
78	-	-	16,9	-	20,6	15,8	-	-	19,0	14,2	-	23,7	18,6	13,7	-	22,6	17,4	12,4	-
82	-	-	-	-	-	14,2	-	-	17,2	12,6	-	21,7	16,7	12,0	-	20,5	15,5	10,7	-
84	-	-	-	-	-	13,5	-	-	16,4	11,8	-	-	15,9	11,3	-	19,6	14,6	10,0	-
86	-	-	-	-	-	12,8	-	-	-	11,2	-	-	15,1	10,6	-	18,7	13,8	9,3	-
90	-	-	-	-	-	-	-	-	-	9,9	-	-	13,6	9,3	-	-	12,4	8,0	-
94	-	-	-	-	-	-	-	-	-	-	-	-	-	8,2	-	-	11,1	6,9	-
96	-	-	-	-	-	-	-	-	-	-	-	-	-	7,7	-	-	10,5	6,3	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	7,2	-	-	-	5,8	-
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,0	-












**Remarks**

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1



## RATED LIFTING CAPACITY

SW

 200 t			 14 m x 14 m			360°			 9.8 m/s			ISO						
 54 m																		
	 24 m			 30 m			 36 m			 42 m			 48 m			 54 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
16	183,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	183,0	-	-	164,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	171,0	-	-	164,0	-	-	142,0	-	-	-	-	-	-	-	-	-	-	-
22	161,0	-	-	161,0	-	-	142,0	-	-	123,0	-	-	-	-	-	-	-	-
24	150,0	-	-	146,0	-	-	139,0	-	-	123,0	-	-	107,0	-	-	-	-	-
26	136,0	-	-	134,0	-	-	130,0	-	-	122,0	-	-	107,0	-	-	95,0	-	-
28	122,0	-	-	121,0	-	-	120,0	-	-	117,0	-	-	107,0	-	-	95,0	-	-
30	110,0	98,5	-	110,0	-	-	109,0	-	-	107,0	-	-	103,0	-	-	95,0	-	-
32	-	90,0	-	101,0	89,0	-	100,2	-	-	98,7	-	-	96,2	-	-	91,5	-	-
34	-	82,5	-	92,0	81,5	-	91,5	-	-	90,5	-	-	89,5	-	-	88,0	-	-
36	-	76,5	-	-	75,0	-	84,7	74,0	-	83,7	-	-	83,0	-	-	81,7	-	-
38	-	70,5	-	-	69,5	-	78,0	68,5	-	77,0	67,5	-	76,5	-	-	75,5	-	-
40	-	66,0	-	-	65,0	-	73,0	64,0	-	72,0	62,5	-	71,5	-	-	70,5	-	-
42	-	-	54,0	-	60,5	-	68,0	59,5	-	67,0	58,5	-	66,5	57,5	-	65,5	-	-
44	-	-	50,5	-	56,5	-	-	55,5	-	63,0	54,5	-	62,5	53,5	-	61,5	52,5	-
46	-	-	47,8	-	-	46,5	-	52,5	-	59,0	51,0	-	58,5	50,5	-	57,5	49,2	-
50	-	-	-	-	-	41,3	-	46,7	40,0	-	45,6	-	52,0	44,7	-	50,5	43,4	-
54	-	-	-	-	-	37,0	-	-	35,7	-	40,8	34,4	-	39,9	-	45,6	38,6	-
56	-	-	-	-	-	-	-	-	33,8	-	38,7	32,4	-	37,8	-	43,3	36,6	-
58	-	-	-	-	-	-	-	-	32,1	-	-	30,7	-	35,9	29,5	41,1	34,6	-
62	-	-	-	-	-	-	-	-	-	-	-	27,6	-	32,5	26,4	-	31,2	24,7
66	-	-	-	-	-	-	-	-	-	-	-	25,0	-	-	23,7	-	28,3	22,1
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,5	-	27,0	20,9
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,5	-	-	19,8
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,8

	60 m			66 m			72 m			78 m			84 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
28	82,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	82,0	-	-	73,0	-	-	-	-	-	-	-	-	-	-	-
34	81,0	-	-	73,0	-	-	64,0	-	-	56,0	-	-	-	-	-
38	74,0	-	-	71,0	-	-	63,0	-	-	56,0	-	-	48,0	-	-
42	64,5	-	-	64,0	-	-	62,0	-	-	55,0	-	-	48,0	-	-
46	56,5	48,4	-	56,0	-	-	55,0	-	-	54,0	-	-	47,0	-	-
50	50,0	42,6	-	49,7	41,8	-	48,5	-	-	48,0	-	-	46,0	-	-
52	47,4	40,1	-	46,9	39,3	-	45,8	38,0	-	45,4	-	-	44,0	-	-
54	44,9	37,8	-	44,2	37,0	-	43,1	35,7	-	42,9	-	-	42,0	-	-
56	42,6	35,8	-	41,9	34,9	-	40,8	33,5	-	40,6	33,1	-	39,7	-	-
58	40,4	33,8	-	39,7	33,0	-	38,6	31,5	-	38,3	31,1	-	37,4	29,9	-
62	36,5	30,4	-	35,8	29,5	-	34,7	27,9	-	34,4	27,5	-	33,5	26,3	-
66	-	27,3	21,0	32,5	26,4	-	31,4	24,9	-	31,1	24,5	-	30,2	23,2	-
70	-	24,7	18,7	29,7	23,7	17,6	28,5	22,2	-	28,2	21,8	-	27,3	20,6	-
74	-	22,4	16,7	-	21,4	15,6	26,0	19,9	14,0	25,6	19,5	-	24,7	18,2	-
78	-	-	15,0	-	19,4	13,9	-	17,9	12,3	23,4	17,4	11,7	22,3	16,2	-
80	-	-	14,2	-	18,5	13,1	-	16,9	11,5	22,3	16,5	10,9	21,2	15,2	-
82	-	-	13,5	-	-	12,4	-	16,1	10,7	21,3	15,6	10,2	20,2	14,4	8,9
86	-	-	-	-	-	11,0	-	14,6	9,4	-	14,0	8,8	18,3	12,7	7,5
90	-	-	-	-	-	-	-	-	8,2	-	12,6	7,6	-	11,3	6,3
92	-	-	-	-	-	-	-	-	7,7	-	12,0	7,1	-	10,7	5,7
94	-	-	-	-	-	-	-	-	7,2	-	-	6,5	-	10,0	5,2
96	-	-	-	-	-	-	-	-	-	-	-	6,0	-	9,5	4,7
98	-	-	-	-	-	-	-	-	-	-	-	5,6	-	-	4,2
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

### Remarks

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1








600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SW**

 200 t			 14 m x 14 m			360°			 9.8 m/s			ISO							
 60 m																			
		24 m			30 m			36 m			42 m			48 m			54 m		
		85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
18	168,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	158,0	-	-	-	144,0	-	-	132,0	-	-	-	-	-	-	-	-	-	-	-
22	149,0	-	-	-	137,0	-	-	132,0	-	-	110,0	-	-	-	-	-	-	-	-
24	140,0	-	-	-	130,0	-	-	132,0	-	-	110,0	-	-	96,0	-	-	-	-	-
26	131,0	-	-	-	124,0	-	-	123,0	-	-	110,0	-	-	96,0	-	-	86,0	-	-
28	121,0	-	-	-	117,0	-	-	116,0	-	-	108,0	-	-	96,0	-	-	86,0	-	-
30	110,0	-	-	-	109,0	-	-	108,0	-	-	105,0	-	-	95,0	-	-	86,0	-	-
32	-	87,5	-	-	100,2	-	-	99,5	-	-	97,2	-	-	91,5	-	-	84,5	-	-
34	-	80,5	-	-	91,5	79,0	-	91,0	-	-	89,5	-	-	88,0	-	-	83,0	-	-
38	-	69,0	-	-	-	67,5	-	78,0	66,5	-	76,5	-	-	76,0	-	-	74,0	-	-
40	-	64,0	-	-	-	63,0	-	72,7	62,0	-	71,5	60,5	-	71,0	-	-	69,5	-	-
42	-	-	-	-	-	59,0	-	67,5	57,5	-	66,5	56,5	-	66,0	55,5	-	65,0	-	-
46	-	-	45,1	-	-	51,5	-	-	50,5	-	58,5	49,7	-	58,0	48,8	-	57,0	47,5	-
50	-	-	40,1	-	-	-	38,7	-	45,2	-	-	44,0	-	51,5	43,1	-	50,5	41,8	-
52	-	-	-	-	-	-	36,5	-	42,7	-	-	41,6	-	48,9	40,7	-	47,8	39,4	-
54	-	-	-	-	-	-	34,5	-	-	32,9	-	39,3	-	46,3	38,5	-	45,2	37,2	-
58	-	-	-	-	-	-	-	-	-	29,4	-	35,4	28,0	-	34,5	-	40,7	33,2	-
62	-	-	-	-	-	-	-	-	-	26,5	-	-	25,0	-	31,2	23,9	-	29,8	-
64	-	-	-	-	-	-	-	-	-	-	-	-	23,7	-	29,8	22,5	-	28,3	-
66	-	-	-	-	-	-	-	-	-	-	-	-	22,5	-	-	21,3	-	26,9	19,7
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,2	-	24,3	17,5
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,3	-	-	15,6
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,0

	60 m			66 m			72 m			78 m			84 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
28	75,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	75,0	-	-	66,0	-	-	-	-	-	-	-	-	-	-	-
34	74,0	-	-	66,0	-	-	58,0	-	-	50,0	-	-	-	-	-
38	71,0	-	-	64,0	-	-	58,0	-	-	50,0	-	-	44,0	-	-
42	64,0	-	-	62,0	-	-	56,0	-	-	49,0	-	-	44,0	-	-
46	56,0	-	-	55,0	-	-	54,0	-	-	48,0	-	-	43,0	-	-
48	52,9	43,7	-	52,1	-	-	51,0	-	-	47,0	-	-	42,5	-	-
50	49,9	41,0	-	49,2	-	-	48,0	-	-	46,0	-	-	42,0	-	-
52	47,2	38,6	-	46,5	37,7	-	45,3	-	-	44,0	-	-	41,5	-	-
54	44,5	36,4	-	43,9	35,5	-	42,7	33,9	-	42,0	-	-	41,0	-	-
56	42,2	34,3	-	41,6	33,3	-	40,4	31,7	-	40,0	31,3	-	39,0	-	-
58	40,0	32,4	-	39,3	31,4	-	38,2	29,8	-	38,0	29,4	-	37,0	-	-
60	38,1	30,5	-	37,4	29,6	-	36,2	28,0	-	36,0	27,6	-	35,1	26,3	-
62	36,2	28,9	-	35,5	27,9	-	34,3	26,3	-	34,1	25,9	-	33,2	24,7	-
66	-	25,9	18,6	32,2	24,9	-	31,0	23,4	-	30,8	23,0	-	29,8	21,7	-
70	-	23,3	16,4	29,3	22,3	15,3	28,1	20,8	-	27,9	20,4	-	26,9	19,1	-
74	-	21,1	14,5	-	20,1	13,4	25,7	18,5	11,7	25,3	18,1	-	24,3	16,9	-
76	-	20,1	13,7	-	19,1	12,6	-	17,5	10,9	24,1	17,1	-	23,1	15,8	-
78	-	-	12,9	-	18,1	11,8	-	16,6	10,1	23,0	16,1	9,6	21,9	14,9	-
82	-	-	11,5	-	16,5	10,4	-	14,8	8,7	21,0	14,4	8,2	19,8	13,1	6,8
86	-	-	10,3	-	-	9,1	-	13,3	7,4	-	12,8	6,9	18,0	11,5	5,5
90	-	-	-	-	-	8,0	-	-	6,3	-	11,4	5,7	-	10,2	4,4
92	-	-	-	-	-	-	-	-	5,8	-	10,8	5,2	-	9,5	-
94	-	-	-	-	-	-	-	-	5,3	-	-	4,7	-	8,9	-
96	-	-	-	-	-	-	-	-	-	-	-	4,3	-	8,4	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	7,9	-
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

#### Remarks

Main boom angle 85°, 75° and 65°, capacities for intermediate boom positions are calculated by the crane control system IC-1



## RATED LIFTING CAPACITY

SW

200 t			14 m x 14 m			360°			9.8 m/s			ISO							
66 m																			
		24 m			30 m			36 m			42 m			48 m			54 m		
		85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
18	136,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	136,0	-	-	121,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	128,0	-	-	121,0	-	-	105,0	-	-	-	-	-	-	-	-	-	-	-	-
24	122,0	-	-	113,0	-	-	105,0	-	-	96,0	-	-	-	-	-	-	-	-	-
26	115,0	-	-	107,0	-	-	99,0	-	-	96,0	-	-	85,0	-	-	-	-	-	-
28	109,0	-	-	102,0	-	-	95,0	-	-	95,0	-	-	85,0	-	-	-	74,0	-	-
30	103,0	-	-	97,5	-	-	91,0	-	-	92,0	-	-	84,0	-	-	-	74,0	-	-
32	-	85,0	-	93,0	-	-	87,2	-	-	89,0	-	-	81,0	-	-	-	73,0	-	-
34	-	78,0	-	88,5	-	-	83,5	-	-	86,0	-	-	78,0	-	-	-	72,0	-	-
36	-	72,0	-	-	71,0	-	80,0	-	-	80,5	-	-	76,0	-	-	-	70,5	-	-
38	-	67,0	-	-	65,5	-	76,5	64,5	-	75,0	-	-	74,0	-	-	-	69,0	-	-
42	-	58,0	-	-	57,0	-	67,0	56,0	-	66,0	54,5	-	65,0	-	-	-	64,0	-	-
44	-	-	-	-	53,5	-	-	52,0	-	62,0	51,0	-	61,2	50,0	-	-	60,0	-	-
46	-	-	-	-	50,0	-	-	49,1	-	58,0	48,0	-	57,5	47,1	-	-	56,0	-	-
48	-	-	-	-	47,3	-	-	46,2	-	-	45,1	-	54,2	44,2	-	-	53,0	42,8	-
50	-	-	37,3	-	-	35,7	-	43,6	-	-	42,4	-	51,0	41,5	-	-	50,0	40,2	-
54	-	-	33,2	-	-	31,7	-	39,0	30,1	-	37,9	-	45,9	37,0	-	-	44,7	35,6	-
58	-	-	-	-	-	28,4	-	-	26,8	-	34,1	25,3	-	33,2	-	-	40,3	31,6	-
60	-	-	-	-	-	-	-	-	25,3	-	32,4	23,9	-	31,4	-	-	-	29,9	-
62	-	-	-	-	-	-	-	-	24,0	-	-	22,6	-	29,8	21,4	-	-	28,3	-
66	-	-	-	-	-	-	-	-	-	-	-	20,2	-	27,0	19,0	-	-	25,4	17,3
70	-	-	-	-	-	-	-	-	-	-	-	18,2	-	-	-	16,9	-	22,9	15,3
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,0	-	21,9	14,3
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,2	-	-	13,5
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,0
82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,7
86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	60 m			66 m			72 m			78 m			84 m		
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t
28	66,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	66,0	-	-	58,0	-	-	-	-	-	-	-	-	-	-	-
34	66,0	-	-	58,0	-	-	51,0	-	-	44,0	-	-	-	-	-
38	63,0	-	-	57,0	-	-	51,0	-	-	44,0	-	-	39,0	-	-
42	60,0	-	-	55,0	-	-	49,0	-	-	44,0	-	-	39,0	-	-
46	55,0	-	-	52,0	-	-	47,0	-	-	43,0	-	-	38,0	-	-
50	49,0	39,4	-	48,0	-	-	45,0	-	-	42,0	-	-	37,0	-	-
52	46,5	36,9	-	45,5	35,9	-	43,5	-	-	41,0	-	-	36,5	-	-
54	44,1	34,7	-	43,0	33,6	-	42,0	-	-	40,0	-	-	36,0	-	-
56	41,8	32,6	-	40,9	31,6	-	39,5	30,0	-	38,5	-	-	35,0	-	-
58	39,6	30,7	-	38,9	29,7	-	37,0	28,1	-	37,0	27,7	-	34,0	-	-
62	35,8	27,3	-	35,1	26,3	-	33,9	24,7	-	33,0	24,3	-	32,0	23,0	-
66	32,5	24,4	-	31,8	23,4	-	30,6	21,8	-	30,4	21,4	-	29,0	20,2	-
70	-	21,9	14,1	29,0	20,9	-	27,8	19,3	-	27,5	18,9	-	26,4	17,7	-
74	-	19,7	12,4	-	18,7	11,2	25,3	17,2	-	25,0	16,8	-	23,9	15,5	-
76	-	18,8	11,6	-	17,7	10,5	24,2	16,2	-	23,8	15,8	-	22,7	14,5	-
78	-	-	10,8	-	16,8	9,7	23,1	15,3	8,0	22,6	14,8	-	21,5	13,6	-
82	-	-	9,5	-	15,2	8,4	-	13,6	6,7	20,6	13,1	6,1	19,4	11,9	-
86	-	-	8,3	-	-	7,2	-	12,1	5,5	-	11,6	4,9	17,6	10,3	-
88	-	-	-	-	-	6,6	-	11,5	4,9	-	10,9	4,4	-	9,7	-
90	-	-	-	-	-	6,2	-	-	4,4	-	10,3	-	-	9,0	-
94	-	-	-	-	-	5,3	-	-	-	-	9,1	-	-	7,8	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	6,8	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	6,3	-
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks

see page 42

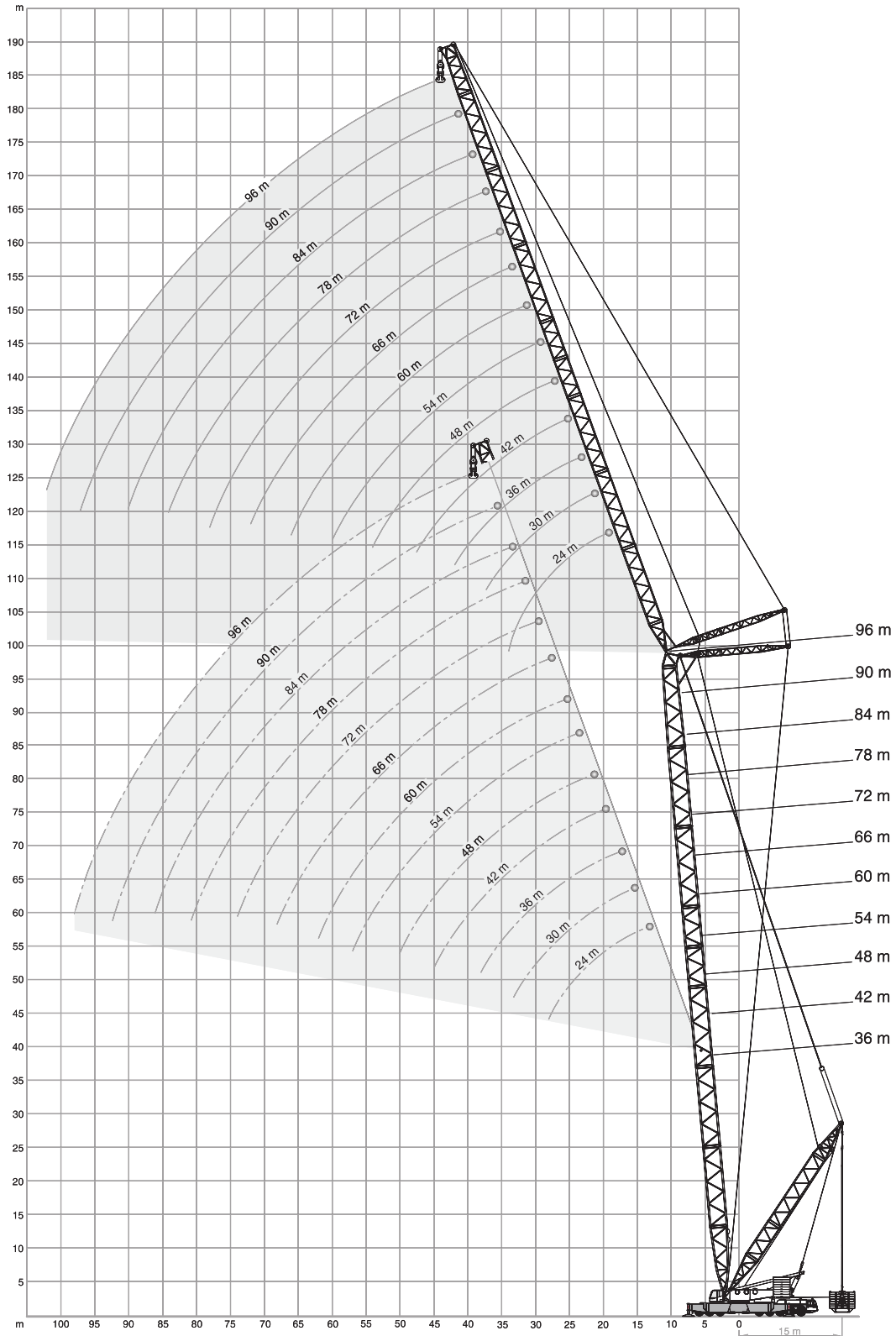
600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### WORKING RANGE CHART

**SWSL**





## RATED LIFTING CAPACITY

### SWSL / SFSL 15° / HSWSL

		11-15 m		360°				ISO																																																																																																																																																																																
<table><tr><td colspan="2"></td><td colspan="3">SWSL</td><td>SFSL</td><td>HSWSL</td></tr><tr><td colspan="2"></td><td colspan="3">0 t-250 t</td><td></td><td></td></tr><tr><td colspan="2"></td><td colspan="3">160 t</td><td></td><td></td></tr><tr><td></td><td>85°</td><td>85°</td><td>75°</td><td>65°</td><td>55°</td><td>85°</td></tr><tr><td>m</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td></tr><tr><td>16</td><td>208,0</td><td>300,0</td><td>-</td><td>-</td><td>-</td><td>300,0</td><td>-</td></tr><tr><td>18</td><td>180,0</td><td>300,0</td><td>-</td><td>-</td><td>-</td><td>300,0</td><td>-</td></tr><tr><td>20</td><td>159,0</td><td>300,0</td><td>-</td><td>-</td><td>-</td><td>300,0</td><td>-</td></tr><tr><td>22</td><td>142,0</td><td>273,0</td><td>-</td><td>-</td><td>-</td><td>283,0</td><td>-</td></tr><tr><td>24</td><td>127,0</td><td>247,0</td><td>-</td><td>-</td><td>-</td><td>263,0</td><td>-</td></tr><tr><td>26</td><td>116,0</td><td>214,0</td><td>218,0</td><td>-</td><td>-</td><td>246,0</td><td>-</td></tr><tr><td>28</td><td>106,0</td><td>182,0</td><td>204,0</td><td>-</td><td>-</td><td>231,0</td><td>-</td></tr><tr><td>30</td><td>-</td><td>-</td><td>191,0</td><td>-</td><td>-</td><td>217,0</td><td>-</td></tr><tr><td>34</td><td>-</td><td>-</td><td>170,0</td><td>167,0</td><td>-</td><td>189,0</td><td>-</td></tr><tr><td>38</td><td>-</td><td>-</td><td>-</td><td>155,0</td><td>-</td><td>161,0</td><td>-</td></tr><tr><td>40</td><td>-</td><td>-</td><td>-</td><td>147,0</td><td>-</td><td>151,5</td><td>-</td></tr><tr><td>42</td><td>-</td><td>-</td><td>-</td><td>-</td><td>129,0</td><td>142,0</td><td>-</td></tr><tr><td>46</td><td>-</td><td>-</td><td>-</td><td>-</td><td>121,0</td><td>123,0</td><td>-</td></tr><tr><td>50</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>107,0</td><td>-</td></tr><tr><td>54</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>90,5</td><td>-</td></tr></table>											SWSL			SFSL	HSWSL			0 t-250 t							160 t						85°	85°	75°	65°	55°	85°	m	t	t	t	t	t	t	16	208,0	300,0	-	-	-	300,0	-	18	180,0	300,0	-	-	-	300,0	-	20	159,0	300,0	-	-	-	300,0	-	22	142,0	273,0	-	-	-	283,0	-	24	127,0	247,0	-	-	-	263,0	-	26	116,0	214,0	218,0	-	-	246,0	-	28	106,0	182,0	204,0	-	-	231,0	-	30	-	-	191,0	-	-	217,0	-	34	-	-	170,0	167,0	-	189,0	-	38	-	-	-	155,0	-	161,0	-	40	-	-	-	147,0	-	151,5	-	42	-	-	-	-	129,0	142,0	-	46	-	-	-	-	121,0	123,0	-	50	-	-	-	-	-	107,0	-	54	-	-	-	-	-	90,5	-																					
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16	208,0	300,0	-	-	-	300,0	-																																																																																																																																																																																	
18	180,0	300,0	-	-	-	300,0	-																																																																																																																																																																																	
20	159,0	300,0	-	-	-	300,0	-																																																																																																																																																																																	
22	142,0	273,0	-	-	-	283,0	-																																																																																																																																																																																	
24	127,0	247,0	-	-	-	263,0	-																																																																																																																																																																																	
26	116,0	214,0	218,0	-	-	246,0	-																																																																																																																																																																																	
28	106,0	182,0	204,0	-	-	231,0	-																																																																																																																																																																																	
30	-	-	191,0	-	-	217,0	-																																																																																																																																																																																	
34	-	-	170,0	167,0	-	189,0	-																																																																																																																																																																																	
38	-	-	-	155,0	-	161,0	-																																																																																																																																																																																	
40	-	-	-	147,0	-	151,5	-																																																																																																																																																																																	
42	-	-	-	-	129,0	142,0	-																																																																																																																																																																																	
46	-	-	-	-	121,0	123,0	-																																																																																																																																																																																	
50	-	-	-	-	-	107,0	-																																																																																																																																																																																	
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18	179,0	257,0	-	-	-	-	-																																																																																																																																																																																	
20	157,0	257,0	-	-	-	253,0	-																																																																																																																																																																																	
22	140,0	253,0	-	-	-	249,0	-																																																																																																																																																																																	
24	126,0	239,0	-	-	-	245,0	-																																																																																																																																																																																	
26	114,0	222,0	-	-	-	239,0	-																																																																																																																																																																																	
28	104,0	204,0	-	-	-	224,0	-																																																																																																																																																																																	
30	95,5	187,0	173,0	-	-	208,0	-																																																																																																																																																																																	
34	82,0	152,0	163,0	-	-	185,0	-																																																																																																																																																																																	
38	71,0	123,0	147,0	-	-	167,0	-																																																																																																																																																																																	
42	-	-	134,0	134,0	-	148,0	-																																																																																																																																																																																	
46	-	-	118,0	124,0	-	129,0	-																																																																																																																																																																																	
50	-	-	-	113,0	-	115,0	-																																																																																																																																																																																	
52	-	-	-	108,0	103,0	108,0	-																																																																																																																																																																																	
54	-	-	-	-	99,0	101,0	-																																																																																																																																																																																	
58	-	-	-	-	92,5	90,0	-																																																																																																																																																																																	
62	-	-	-	-	-	78,0	-																																																																																																																																																																																	
66	-	-	-	-	-	66,0	-																																																																																																																																																																																	
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22	138,0	187,0	-	-	-	-	-																																																																																																																																																																																	
24	124,0	187,0	-	-	-	186,0	-																																																																																																																																																																																	
26	112,0	187,0	-	-	-	185,0	-																																																																																																																																																																																	
28	102,0	180,0	-	-	-	183,0	-																																																																																																																																																																																	
30	93,5	172,0	-	-	-	181,0	-																																																																																																																																																																																	
34	80,0	156,0	-	-	-	164,0	-																																																																																																																																																																																	
36	74,5	146,0	139,0	-	-	156,5	-																																																																																																																																																																																	
38	69,0	136,0	139,0	-	-	149,0	-																																																																																																																																																																																	
42	60,5	116,0	129,0	-	-	138,0	-																																																																																																																																																																																	
46	53,5	99,5	118,0	-	-	126,0	-																																																																																																																																																																																	
50	47,9	84,0	109,0	107,0	-	115,0	-																																																																																																																																																																																	
54	-	-	97,5	99,5	-	103,0	-																																																																																																																																																																																	
58	-	-	82,0	93,0	-	94,0	-																																																																																																																																																																																	
60	-	-	-	89,5	82,0	89,2	-																																																																																																																																																																																	
62	-	-	-	86,5	81,0	84,5	-																																																																																																																																																																																	
64	-	-	-	83,0	78,5	79,2	-																																																																																																																																																																																	
66	-	-	-	-	76,0	75,0	-																																																																																																																																																																																	
68	-	-	-	-	73,5	71,0	-																																																																																																																																																																																	
70	-	-	-	-	-	67,0	-																																																																																																																																																																																	
74	-	-	-	-	-	58,5	-																																																																																																																																																																																	
78	-	-	-	-	-	49,8	-																																																																																																																																																																																	

		SWSL		SFSL	HSWSL	
		0 t-250 t				
		160 t				
	85°	85°	75°	65°	55°	85°
m	t	t	t	t	t	t
26	110,0	134,0	-	-	-	-
28	100,0	134,0	-	-	-	134,0
30	91,5	134,0	-	-	-	133,0
34	77,5	128,0	-	-	-	133,0
38	67,0	119,0	-	-	-	130,0
42	58,5	110,0	117,0	-	-	124,0
46	51,5	100,0	112,0	-	-	116,0
50	45,6	90,0	102,0	-	-	105,0
54	40,7	78,5	96,0	-	-	94,0
56	38,6	73,5	93,0	83,5	-	90,2
58	36,6	68,5	88,5	83,5	-	86,5
62	32,9	58,5	78,0	77,5	-	81,5
66	-	-	68,0	72,0	-	76,5
70	-	-	58,0	67,5	65,0	70,5
74	-	-	-	63,0	62,0	62,5
76	-	-	-	60,5	60,5	59,5
78	-	-	-	-	59,0	57,0
80	-	-	-	-	57,5	53,5
82	-	-	-	-	-	50,0
86	-	-	-	-	-	43,7
90	-	-	-	-	-	37,0

		SWSL		SFSL	HSWSL	
		0 t-250 t				
		160 t				
		85°				
		85°				
		75°				
		65°				
		55°				
		85°				
m	t	t	t	t	t	t
30	89,0	96,0	-	-	-	-
34	75,0	96,0	-	-	-	95,0
38	64,5	94,0	-	-	-	94,0
42	56,0	91,0	-	-	-	93,0
46	49,1	87,0	-	-	-	91,0
48	46,2	85,0	87,0	-	-	89,5
50	43,3	83,0	86,0	-	-	88,0
54	38,4	79,0	84,0	-	-	83,0
58	34,2	72,0	81,0	-	-	78,0
62	30,6	64,0	78,0	-	-	73,0
64	29,0	60,2	75,5	67,0	-	70,5
66	27,5	56,5	71,5	66,5	-	68,0
70	24,7	49,8	64,0	63,5	-	64,0
74	22,3	42,8	57,0	60,5	-	61,0
78	-	-	50,0	57,0	54,5	57,5
80	-	-	46,8	55,5	54,5	55,5
82	-	-	-	54,0	53,5	53,5
86	-	-	-	49,8	50,0	48,3
90	-	-	-	-	47,1	42,7
92	-	-	-	-	45,6	40,0
94	-	-	-	-	-	37,3
98	-	-	-	-	-	32,1
102	-	-	-	-	-	26,9

RemarksMain boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1 see page 48

#### Remarks




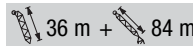


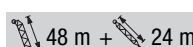
Main boom angle 85°, 75°, 65° and

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SWSL / SFSL 15° / HSWSL

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO																																																																																																																																																																																																																			
																																																																																																																																																																																																																											
<table><tr><th></th><th colspan="4">SWSL</th><th>SFSL</th><th>HSWSL</th></tr><tr><th></th><th>0 t</th><th colspan="3">0 t-250 t</th><th></th><th></th></tr><tr><th></th><th>200 t</th><th colspan="5">160 t</th></tr><tr><th></th><th>85°</th><th>85°</th><th>75°</th><th>65°</th><th>55°</th><th>85°</th></tr><tr><td>m</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td></tr><tr><td>34</td><td>64,0</td><td>69,0</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>38</td><td>63,0</td><td>69,0</td><td>-</td><td>-</td><td>-</td><td>69,0</td></tr><tr><td>42</td><td>54,5</td><td>68,0</td><td>-</td><td>-</td><td>-</td><td>68,0</td></tr><tr><td>46</td><td>47,7</td><td>68,0</td><td>-</td><td>-</td><td>-</td><td>68,0</td></tr><tr><td>50</td><td>41,9</td><td>67,0</td><td>-</td><td>-</td><td>-</td><td>67,0</td></tr><tr><td>54</td><td>37,0</td><td>66,0</td><td>63,0</td><td>-</td><td>-</td><td>66,0</td></tr><tr><td>58</td><td>32,7</td><td>65,0</td><td>63,0</td><td>-</td><td>-</td><td>64,0</td></tr><tr><td>62</td><td>29,1</td><td>63,0</td><td>62,0</td><td>-</td><td>-</td><td>62,0</td></tr><tr><td>66</td><td>25,9</td><td>59,0</td><td>61,0</td><td>-</td><td>-</td><td>60,0</td></tr><tr><td>70</td><td>23,2</td><td>53,0</td><td>57,0</td><td>-</td><td>-</td><td>57,0</td></tr><tr><td>72</td><td>21,9</td><td>50,2</td><td>56,0</td><td>50,0</td><td>-</td><td>56,0</td></tr><tr><td>74</td><td>20,7</td><td>47,4</td><td>56,0</td><td>50,0</td><td>-</td><td>55,0</td></tr><tr><td>78</td><td>18,5</td><td>42,2</td><td>53,0</td><td>49,8</td><td>-</td><td>52,0</td></tr><tr><td>82</td><td>16,6</td><td>37,2</td><td>47,8</td><td>48,3</td><td>-</td><td>50,0</td></tr><tr><td>86</td><td>14,9</td><td>31,9</td><td>42,8</td><td>46,7</td><td>-</td><td>46,0</td></tr><tr><td>88</td><td>-</td><td>-</td><td>40,3</td><td>45,7</td><td>42,9</td><td>44,5</td></tr><tr><td>90</td><td>-</td><td>-</td><td>37,9</td><td>44,7</td><td>42,7</td><td>43,0</td></tr><tr><td>92</td><td>-</td><td>-</td><td>35,3</td><td>43,6</td><td>42,3</td><td>41,0</td></tr><tr><td>94</td><td>-</td><td>-</td><td>-</td><td>42,5</td><td>41,7</td><td>39,0</td></tr><tr><td>98</td><td>-</td><td>-</td><td>-</td><td>37,9</td><td>39,5</td><td>36,0</td></tr><tr><td>102</td><td>-</td><td>-</td><td>-</td><td>-</td><td>37,1</td><td>32,0</td></tr><tr><td>104</td><td>-</td><td>-</td><td>-</td><td>-</td><td>35,9</td><td>29,9</td></tr><tr><td>106</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>27,9</td></tr><tr><td>110</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>23,7</td></tr><tr><td>114</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>19,3</td></tr></table>											SWSL				SFSL	HSWSL		0 t	0 t-250 t						200 t	160 t						85°	85°	75°	65°	55°	85°	m	t	t	t	t	t	t	34	64,0	69,0	-	-	-	-	38	63,0	69,0	-	-	-	69,0	42	54,5	68,0	-	-	-	68,0	46	47,7	68,0	-	-	-	68,0	50	41,9	67,0	-	-	-	67,0	54	37,0	66,0	63,0	-	-	66,0	58	32,7	65,0	63,0	-	-	64,0	62	29,1	63,0	62,0	-	-	62,0	66	25,9	59,0	61,0	-	-	60,0	70	23,2	53,0	57,0	-	-	57,0	72	21,9	50,2	56,0	50,0	-	56,0	74	20,7	47,4	56,0	50,0	-	55,0	78	18,5	42,2	53,0	49,8	-	52,0	82	16,6	37,2	47,8	48,3	-	50,0	86	14,9	31,9	42,8	46,7	-	46,0	88	-	-	40,3	45,7	42,9	44,5	90	-	-	37,9	44,7	42,7	43,0	92	-	-	35,3	43,6	42,3	41,0	94	-	-	-	42,5	41,7	39,0	98	-	-	-	37,9	39,5	36,0	102	-	-	-	-	37,1	32,0	104	-	-	-	-	35,9	29,9	106	-	-	-	-	-	27,9	110	-	-	-	-	-	23,7	114	-	-	-	-	-	19,3
	SWSL				SFSL	HSWSL																																																																																																																																																																																																																					
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34	64,0	69,0	-	-	-	-																																																																																																																																																																																																																					
38	63,0	69,0	-	-	-	69,0																																																																																																																																																																																																																					
42	54,5	68,0	-	-	-	68,0																																																																																																																																																																																																																					
46	47,7	68,0	-	-	-	68,0																																																																																																																																																																																																																					
50	41,9	67,0	-	-	-	67,0																																																																																																																																																																																																																					
54	37,0	66,0	63,0	-	-	66,0																																																																																																																																																																																																																					
58	32,7	65,0	63,0	-	-	64,0																																																																																																																																																																																																																					
62	29,1	63,0	62,0	-	-	62,0																																																																																																																																																																																																																					
66	25,9	59,0	61,0	-	-	60,0																																																																																																																																																																																																																					
70	23,2	53,0	57,0	-	-	57,0																																																																																																																																																																																																																					
72	21,9	50,2	56,0	50,0	-	56,0																																																																																																																																																																																																																					
74	20,7	47,4	56,0	50,0	-	55,0																																																																																																																																																																																																																					
78	18,5	42,2	53,0	49,8	-	52,0																																																																																																																																																																																																																					
82	16,6	37,2	47,8	48,3	-	50,0																																																																																																																																																																																																																					
86	14,9	31,9	42,8	46,7	-	46,0																																																																																																																																																																																																																					
88	-	-	40,3	45,7	42,9	44,5																																																																																																																																																																																																																					
90	-	-	37,9	44,7	42,7	43,0																																																																																																																																																																																																																					
92	-	-	35,3	43,6	42,3	41,0																																																																																																																																																																																																																					
94	-	-	-	42,5	41,7	39,0																																																																																																																																																																																																																					
98	-	-	-	37,9	39,5	36,0																																																																																																																																																																																																																					
102	-	-	-	-	37,1	32,0																																																																																																																																																																																																																					
104	-	-	-	-	35,9	29,9																																																																																																																																																																																																																					
106	-	-	-	-	-	27,9																																																																																																																																																																																																																					
110	-	-	-	-	-	23,7																																																																																																																																																																																																																					
114	-	-	-	-	-	19,3																																																																																																																																																																																																																					
																																																																																																																																																																																																																											
<table><tr><th></th><th colspan="4">SWSL</th><th>SFSL</th><th>HSWSL</th></tr><tr><th></th><th>0 t</th><th colspan="3">0 t-250 t</th><th></th><th></th></tr><tr><th></th><th>200 t</th><th colspan="5">160 t</th></tr><tr><th></th><th>85°</th><th>85°</th><th>75°</th><th>65°</th><th>55°</th><th>85°</th></tr><tr><td>m</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td></tr><tr><td>20</td><td>155,0</td><td>222,0</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>22</td><td>138,0</td><td>218,0</td><td>-</td><td>-</td><td>-</td><td>221,0</td></tr><tr><td>24</td><td>124,0</td><td>211,0</td><td>-</td><td>-</td><td>-</td><td>219,0</td></tr><tr><td>26</td><td>112,0</td><td>203,0</td><td>-</td><td>-</td><td>-</td><td>218,0</td></tr><tr><td>28</td><td>102,0</td><td>194,0</td><td>-</td><td>-</td><td>-</td><td>216,0</td></tr><tr><td>30</td><td>94,0</td><td>184,0</td><td>-</td><td>-</td><td>-</td><td>206,0</td></tr><tr><td>34</td><td>80,5</td><td>159,0</td><td>164,0</td><td>-</td><td>-</td><td>188,0</td></tr><tr><td>38</td><td>70,0</td><td>129,0</td><td>152,0</td><td>-</td><td>-</td><td>171,0</td></tr><tr><td>42</td><td>-</td><td>-</td><td>139,0</td><td>-</td><td>-</td><td>151,0</td></tr><tr><td>46</td><td>-</td><td>-</td><td>125,0</td><td>-</td><td>-</td><td>134,0</td></tr><tr><td>48</td><td>-</td><td>-</td><td>119,0</td><td>114,0</td><td>-</td><td>127,5</td></tr><tr><td>50</td><td>-</td><td>-</td><td>109,0</td><td>109,0</td><td>-</td><td>121,0</td></tr><tr><td>54</td><td>-</td><td>-</td><td>-</td><td>99,5</td><td>-</td><td>108,0</td></tr><tr><td>56</td><td>-</td><td>-</td><td>-</td><td>95,5</td><td>-</td><td>103,5</td></tr><tr><td>58</td><td>-</td><td>-</td><td>-</td><td>-</td><td>88,0</td><td>99,0</td></tr><tr><td>62</td><td>-</td><td>-</td><td>-</td><td>-</td><td>81,5</td><td>87,5</td></tr><tr><td>64</td><td>-</td><td>-</td><td>-</td><td>-</td><td>78,5</td><td>82,0</td></tr><tr><td>66</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>76,5</td></tr><tr><td>70</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>69,5</td></tr><tr><td>74</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>60,0</td></tr><tr><td>78</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>51,0</td></tr></table>											SWSL				SFSL	HSWSL		0 t	0 t-250 t						200 t	160 t						85°	85°	75°	65°	55°	85°	m	t	t	t	t	t	t	20	155,0	222,0	-	-	-	-	22	138,0	218,0	-	-	-	221,0	24	124,0	211,0	-	-	-	219,0	26	112,0	203,0	-	-	-	218,0	28	102,0	194,0	-	-	-	216,0	30	94,0	184,0	-	-	-	206,0	34	80,5	159,0	164,0	-	-	188,0	38	70,0	129,0	152,0	-	-	171,0	42	-	-	139,0	-	-	151,0	46	-	-	125,0	-	-	134,0	48	-	-	119,0	114,0	-	127,5	50	-	-	109,0	109,0	-	121,0	54	-	-	-	99,5	-	108,0	56	-	-	-	95,5	-	103,5	58	-	-	-	-	88,0	99,0	62	-	-	-	-	81,5	87,5	64	-	-	-	-	78,5	82,0	66	-	-	-	-	-	76,5	70	-	-	-	-	-	69,5	74	-	-	-	-	-	60,0	78	-	-	-	-	-	51,0																												
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20	155,0	222,0	-	-	-	-																																																																																																																																																																																																																					
22	138,0	218,0	-	-	-	221,0																																																																																																																																																																																																																					
24	124,0	211,0	-	-	-	219,0																																																																																																																																																																																																																					
26	112,0	203,0	-	-	-	218,0																																																																																																																																																																																																																					
28	102,0	194,0	-	-	-	216,0																																																																																																																																																																																																																					
30	94,0	184,0	-	-	-	206,0																																																																																																																																																																																																																					
34	80,5	159,0	164,0	-	-	188,0																																																																																																																																																																																																																					
38	70,0	129,0	152,0	-	-	171,0																																																																																																																																																																																																																					
42	-	-	139,0	-	-	151,0																																																																																																																																																																																																																					
46	-	-	125,0	-	-	134,0																																																																																																																																																																																																																					
48	-	-	119,0	114,0	-	127,5																																																																																																																																																																																																																					
50	-	-	109,0	109,0	-	121,0																																																																																																																																																																																																																					
54	-	-	-	99,5	-	108,0																																																																																																																																																																																																																					
56	-	-	-	95,5	-	103,5																																																																																																																																																																																																																					
58	-	-	-	-	88,0	99,0																																																																																																																																																																																																																					
62	-	-	-	-	81,5	87,5																																																																																																																																																																																																																					
64	-	-	-	-	78,5	82,0																																																																																																																																																																																																																					
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70	-	-	-	-	-	69,5																																																																																																																																																																																																																					
74	-	-	-	-	-	60,0																																																																																																																																																																																																																					
78	-	-	-	-	-	51,0																																																																																																																																																																																																																					
																																																																																																																																																																																																																											
<table><tr><th>m</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th></tr><tr><td>24</td><td>122,0</td><td>162,0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>26</td><td>110,0</td><td>162,0</td><td>-</td><td>-</td><td>-</td><td>162,0</td><td>-</td></tr><tr><td>28</td><td>100,0</td><td>160,0</td><td>-</td><td>-</td><td>-</td><td>162,0</td><td>-</td></tr><tr><td>30</td><td>92,0</td><td>157,0</td><td>-</td><td>-</td><td>-</td><td>162,0</td><td>-</td></tr><tr><td>34</td><td>78,5</td><td>149,0</td><td>-</td><td>-</td><td>-</td><td>160,0</td><td>-</td></tr><tr><td>38</td><td>68,0</td><td>136,0</td><td>-</td><td>-</td><td>-</td><td>149,0</td><td>-</td></tr><tr><td>40</td><td>63,7</td><td>128,0</td><td>136,0</td><td>-</td><td>-</td><td>143,0</td><td>-</td></tr><tr><td>42</td><td>59,5</td><td>120,0</td><td>133,0</td><td>-</td><td>-</td><td>137,0</td><td>-</td></tr><tr><td>46</td><td>52,5</td><td>102,0</td><td>123,0</td><td>-</td><td>-</td><td>128,0</td><td>-</td></tr><tr><td>50</td><td>46,9</td><td>86,5</td><td>112,0</td><td>-</td><td>-</td><td>118,0</td><td>-</td></tr><tr><td>54</td><td>-</td><td>-</td><td>102,0</td><td>97,5</td><td>-</td><td>108,0</td><td>-</td></tr><tr><td>58</td><td>-</td><td>-</td><td>93,0</td><td>90,0</td><td>-</td><td>98,5</td><td>-</td></tr><tr><td>60</td><td>-</td><td>-</td><td>85,0</td><td>86,5</td><td>-</td><td>93,7</td><td>-</td></tr><tr><td>62</td><td>-</td><td>-</td><td>-</td><td>83,0</td><td>-</td><td>89,0</td><td>-</td></tr><tr><td>66</td><td>-</td><td>-</td><td>-</td><td>77,0</td><td>-</td><td>82,0</td><td>-</td></tr><tr><td>68</td><td>-</td><td>-</td><td>-</td><td>74,5</td><td>71,0</td><td>77,7</td><td>-</td></tr><tr><td>70</td><td>-</td><td>-</td><td>-</td><td>-</td><td>69,0</td><td>73,5</td><td>-</td></tr><tr><td>74</td><td>-</td><td>-</td><td>-</td><td>-</td><td>64,5</td><td>65,5</td><td>-</td></tr><tr><td>76</td><td>-</td><td>-</td><td>-</td><td>-</td><td>62,0</td><td>62,0</td><td>-</td></tr><tr><td>78</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>59,5</td><td>-</td></tr><tr><td>82</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>52,5</td><td>-</td></tr><tr><td>86</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>45,9</td><td>-</td></tr><tr><td>90</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>38,9</td><td>-</td></tr></table>										m	t	t	t	t	t	t	t	24	122,0	162,0	-	-	-	-	-	26	110,0	162,0	-	-	-	162,0	-	28	100,0	160,0	-	-	-	162,0	-	30	92,0	157,0	-	-	-	162,0	-	34	78,5	149,0	-	-	-	160,0	-	38	68,0	136,0	-	-	-	149,0	-	40	63,7	128,0	136,0	-	-	143,0	-	42	59,5	120,0	133,0	-	-	137,0	-	46	52,5	102,0	123,0	-	-	128,0	-	50	46,9	86,5	112,0	-	-	118,0	-	54	-	-	102,0	97,5	-	108,0	-	58	-	-	93,0	90,0	-	98,5	-	60	-	-	85,0	86,5	-	93,7	-	62	-	-	-	83,0	-	89,0	-	66	-	-	-	77,0	-	82,0	-	68	-	-	-	74,5	71,0	77,7	-	70	-	-	-	-	69,0	73,5	-	74	-	-	-	-	64,5	65,5	-	76	-	-	-	-	62,0	62,0	-	78	-	-	-	-	-	59,5	-	82	-	-	-	-	-	52,5	-	86	-	-	-	-	-	45,9	-	90	-	-	-	-	-	38,9	-																		
m	t	t	t	t	t	t	t																																																																																																																																																																																																																				
24	122,0	162,0	-	-	-	-	-																																																																																																																																																																																																																				
26	110,0	162,0	-	-	-	162,0	-																																																																																																																																																																																																																				
28	100,0	160,0	-	-	-	162,0	-																																																																																																																																																																																																																				
30	92,0	157,0	-	-	-	162,0	-																																																																																																																																																																																																																				
34	78,5	149,0	-	-	-	160,0	-																																																																																																																																																																																																																				
38	68,0	136,0	-	-	-	149,0	-																																																																																																																																																																																																																				
40	63,7	128,0	136,0	-	-	143,0	-																																																																																																																																																																																																																				
42	59,5	120,0	133,0	-	-	137,0	-																																																																																																																																																																																																																				
46	52,5	102,0	123,0	-	-	128,0	-																																																																																																																																																																																																																				
50	46,9	86,5	112,0	-	-	118,0	-																																																																																																																																																																																																																				
54	-	-	102,0	97,5	-	108,0	-																																																																																																																																																																																																																				
58	-	-	93,0	90,0	-	98,5	-																																																																																																																																																																																																																				
60	-	-	85,0	86,5	-	93,7	-																																																																																																																																																																																																																				
62	-	-	-	83,0	-	89,0	-																																																																																																																																																																																																																				
66	-	-	-	77,0	-	82,0	-																																																																																																																																																																																																																				
68	-	-	-	74,5	71,0	77,7	-																																																																																																																																																																																																																				
70	-	-	-	-	69,0	73,5	-																																																																																																																																																																																																																				
74	-	-	-	-	64,5	65,5	-																																																																																																																																																																																																																				
76	-	-	-	-	62,0	62,0	-																																																																																																																																																																																																																				
78	-	-	-	-	-	59,5	-																																																																																																																																																																																																																				
82	-	-	-	-	-	52,5	-																																																																																																																																																																																																																				
86	-	-	-	-	-	45,9	-																																																																																																																																																																																																																				
90	-	-	-	-	-	38,9	-																																																																																																																																																																																																																				
																																																																																																																																																																																																																											
<table><tr><th>m</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th></tr><tr><td>16</td><td>206,0</td><td>296,0</td><td>-</td><td>-</td><td>-</td><td>298,0</td><td>-</td></tr><tr><td>18</td><td>178,0</td><td>296,0</td><td>-</td><td>-</td><td>-</td><td>298,0</td><td>-</td></tr><tr><td>20</td><td>157,0</td><td>292,0</td><td>-</td><td>-</td><td>-</td><td>297,0</td><td>-</td></tr><tr><td>22</td><td>140,0</td><td>277,0</td><td>-</td><td>-</td><td>-</td><td>296,0</td><td>-</td></tr><tr><td>24</td><td>126,0</td><td>262,0</td><td>-</td><td>-</td><td>-</td><td>282,0</td><td>-</td></tr><tr><td>26</td><td>114,0</td><td>229,0</td><td>-</td><td>-</td><td>-</td><td>262,0</td><td>-</td></tr><tr><td>28</td><td>104,0</td><td>196,0</td><td>208,0</td><td>-</td><td>-</td><td>241,0</td><td>-</td></tr><tr><td>30</td><td>96,0</td><td>162,0</td><td>205,0</td><td>-</td><td>-</td><td>227,0</td><td>-</td></tr><tr><td>34</td><td>-</td><td>-</td><td>178,0</td><td>-</td><td>-</td><td>195,0</td><td>-</td></tr><tr><td>38</td><td>-</td><td>-</td><td>157,0</td><td>-</td><td>-</td><td>170,0</td><td>-</td></tr><tr><td>40</td><td>-</td><td>-</td><td>-</td><td>143,0</td><td>-</td><td>160,0</td><td>-</td></tr><tr><td>42</td><td>-</td><td>-</td><td>-</td><td>135,0</td><td>-</td><td>150,0</td><td>-</td></tr><tr><td>46</td><td>-</td><td>-</td><td>-</td><td>122,0</td><td>-</td><td>133,0</td><td>-</td></tr><tr><td>50</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>120,0</td><td>-</td></tr><tr><td>54</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>104,0</td><td>-</td></tr><tr><td>58</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>90,5</td><td>-</td></tr><tr><td>62</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>80,5</td><td>-</td></tr><tr><td>66</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>68,5</td><td>-</td></tr><tr><td>70</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>										m	t	t	t	t	t	t	t	16	206,0	296,0	-	-	-	298,0	-	18	178,0	296,0	-	-	-	298,0	-	20	157,0	292,0	-	-	-	297,0	-	22	140,0	277,0	-	-	-	296,0	-	24	126,0	262,0	-	-	-	282,0	-	26	114,0	229,0	-	-	-	262,0	-	28	104,0	196,0	208,0	-	-	241,0	-	30	96,0	162,0	205,0	-	-	227,0	-	34	-	-	178,0	-	-	195,0	-	38	-	-	157,0	-	-	170,0	-	40	-	-	-	143,0	-	160,0	-	42	-	-	-	135,0	-	150,0	-	46	-	-	-	122,0	-	133,0	-	50	-	-	-	-	-	120,0	-	54	-	-	-	-	-	104,0	-	58	-	-	-	-	-	90,5	-	62	-	-	-	-	-	80,5	-	66	-	-	-	-	-	68,5	-	70	-	-	-	-	-	-	-																																																		
m	t	t	t	t	t	t	t																																																																																																																																																																																																																				
16	206,0	296,0	-	-	-	298,0	-																																																																																																																																																																																																																				
18	178,0	296,0	-	-	-	298,0	-																																																																																																																																																																																																																				
20	157,0	292,0	-	-	-	297,0	-																																																																																																																																																																																																																				
22	140,0	277,0	-	-	-	296,0	-																																																																																																																																																																																																																				
24	126,0	262,0	-	-	-	282,0	-																																																																																																																																																																																																																				
26	114,0	229,0	-	-	-	262,0	-																																																																																																																																																																																																																				
28	104,0	196,0	208,0	-	-	241,0	-																																																																																																																																																																																																																				
30	96,0	162,0	205,0	-	-	227,0	-																																																																																																																																																																																																																				
34	-	-	178,0	-	-	195,0	-																																																																																																																																																																																																																				
38	-	-	157,0	-	-	170,0	-																																																																																																																																																																																																																				
40	-	-	-	143,0	-	160,0	-																																																																																																																																																																																																																				
42	-	-	-	135,0	-	150,0	-																																																																																																																																																																																																																				
46	-	-	-	122,0	-	133,0	-																																																																																																																																																																																																																				
50	-	-	-	-	-	120,0	-																																																																																																																																																																																																																				
54	-	-	-	-	-	104,0	-																																																																																																																																																																																																																				
58	-	-	-	-	-	90,5	-																																																																																																																																																																																																																				
62	-	-	-	-	-	80,5	-																																																																																																																																																																																																																				
66	-	-	-	-	-	68,5	-																																																																																																																																																																																																																				
70	-	-	-	-	-	-	-																																																																																																																																																																																																																				

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required

Values for HSWSL may include 300 tonne SL counterweight





## RATED LIFTING CAPACITY

### SWSL / SFSL 15° / HSWSL

14 m x 14 m		11-15 m		360°		9.8 m/s		ISO	
48 m + 60 m		48 m + 84 m							
SWSL		SFSL		HSWSL		SWSL		SFSL	
0 t		0 t-250 t				0 t		0 t-250 t	
200 t		160 t				200 t		160 t	
m	t	m	t	m	t	m	t	m	t
28	98,5	120,0	-	-	-	34	59,0	64,0	-
30	90,0	120,0	-	-	-	38	58,5	64,0	-
34	76,0	117,0	-	-	-	42	53,5	63,0	-
38	65,5	112,0	-	-	-	46	46,6	62,0	-
42	57,0	106,0	-	-	-	50	40,8	61,0	-
46	50,0	98,0	110,0	-	-	54	35,9	60,0	-
50	44,6	91,0	105,0	-	-	56	33,8	60,0	-
54	39,8	80,5	95,0	-	-	58	31,8	60,0	-
58	35,6	70,0	87,0	-	-	62	28,2	59,0	-
62	32,1	60,0	80,0	78,0	-	66	25,1	58,0	-
66	-	-	74,0	74,5	-	70	22,3	53,5	-
70	-	-	65,0	69,5	-	74	19,9	48,0	-
72	-	-	60,0	67,0	-	76	18,8	45,3	-
74	-	-	-	65,0	-	78	17,7	42,7	-
76	-	-	-	63,0	57,5	82	15,8	37,6	-
78	-	-	-	61,0	57,5	86	14,1	32,4	-
80	-	-	-	59,0	55,5	90	-	-	-
82	-	-	-	-	54,5	94	-	-	-
86	-	-	-	-	51,0	96	-	-	-
88	-	-	-	-	49,9	98	-	-	-
90	-	-	-	-	45,3	102	-	-	-
94	-	-	-	-	39,7	104	-	-	-
98	-	-	-	-	34,2	106	-	-	-
102	-	-	-	-	28,6	110	-	-	-
106	-	-	-	-	-	114	-	-	-
						118	-	-	-
						122	-	-	-

48 m + 72 m		60 m + 24 m	
m	t	m	t
34	74,0	17	-
38	63,0	18	176,0
42	54,5	20	155,0
46	48,0	22	138,0
50	42,3	24	124,0
54	37,4	26	112,0
58	33,3	28	102,0
62	29,7	30	94,0
66	26,6	31	-
70	23,9	32	-
74	21,5	34	-
78	-	38	-
82	-	40	-
84	-	42	-
86	-	44	-
90	-	46	-
92	-	50	-
94	-	54	-
98	-	56	-
100	-	58	-
102	-	60	-
106	-	62	-
110	-	66	-
114	-	70	-
118	-	74	-
		78	-
		82	-

Remarks  
see page 48



# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

SWSL / SFSL 15° / HSWSL

14 m x 14 m		11-15 m		360°	9.8 m/s	ISO
60 m + 36 m		60 m + 60 m				
SWSL		SFSL	HSWSL			
0 t	0 t-250 t					
200 t	160 t					
85°	85°	75°	65°	55°	85°	
m	t	t	t	t	t	t
20	152,0	180,0	-	-	-	196,0
22	135,0	180,0	-	-	179,0	193,0
24	122,0	176,0	-	-	178,0	188,0
26	110,0	171,0	-	-	178,0	183,0
28	100,0	165,0	-	-	178,0	177,0
30	92,5	160,0	-	-	178,0	171,0
34	79,0	149,0	-	-	170,0	159,0
38	68,5	137,0	150,0	-	163,0	137,0
42	60,0	109,0	135,0	-	149,0	109,0
46	-	-	122,0	-	132,0	-
50	-	-	111,0	-	118,0	-
52	-	-	106,0	99,5	112,0	-
54	-	-	-	95,5	106,0	-
58	-	-	-	87,5	96,5	-
62	-	-	-	81,0	88,0	-
66	-	-	-	-	71,0	79,5
70	-	-	-	-	66,0	71,0
72	-	-	-	-	64,0	67,0
74	-	-	-	-	63,0	-
78	-	-	-	-	56,0	-
82	-	-	-	-	50,0	-
86	-	-	-	-	43,6	-

60 m + 48 m						
m	t	t	t	t	t	t
24	120,0	135,0	-	-	-	145,0
26	108,0	135,0	-	-	135,0	144,0
28	98,5	135,0	-	-	135,0	141,0
30	90,5	132,0	-	-	135,0	138,0
34	77,0	126,0	-	-	135,0	131,0
38	66,5	119,0	-	-	132,0	123,0
42	58,0	113,0	119,0	-	127,0	114,0
46	51,0	107,0	118,0	-	122,0	105,0
50	45,7	91,5	109,0	-	113,0	91,5
54	40,9	75,0	100,0	-	106,0	75,0
58	-	-	92,0	-	97,5	-
60	-	-	88,0	82,5	93,2	-
62	-	-	85,0	79,0	89,0	-
64	-	-	81,5	76,0	85,0	-
66	-	-	-	73,5	81,0	-
70	-	-	-	68,5	74,0	-
74	-	-	-	64,0	60,0	67,0
78	-	-	-	-	56,0	60,0
82	-	-	-	-	52,5	53,5
86	-	-	-	-	-	48,3
90	-	-	-	-	-	43,6
94	-	-	-	-	-	38,2
98	-	-	-	-	-	32,8

60 m + 72 m						
m	t	t	t	t	t	t
32	-	-	-	-	-	79,0
34	72,0	77,0	-	-	-	77,0
38	61,5	76,0	-	-	-	77,0
42	53,0	74,0	-	-	-	77,0
46	46,6	72,0	-	-	-	76,0
50	41,0	70,0	-	-	-	75,0
54	36,2	68,0	71,0	-	-	74,0
58	32,1	66,0	71,0	-	-	72,0
62	28,6	63,0	71,0	-	-	69,0
66	25,5	59,5	69,0	-	-	65,0
70	22,9	52,5	64,0	-	-	62,0
74	20,5	45,9	60,0	55,5	-	58,0
77	-	-	57,0	55,0	-	56,1
78	-	-	56,0	55,0	-	55,5
82	-	-	52,0	52,0	-	54,0
86	-	-	46,6	48,8	-	50,5
90	-	-	-	45,9	-	46,3
92	-	-	-	44,6	41,0	43,9
94	-	-	-	43,3	39,8	41,6
96	-	-	-	42,1	38,6	39,4
98	-	-	-	-	37,5	37,8
102	-	-	-	-	35,4	34,1
106	-	-	-	-	33,6	30,3
110	-	-	-	-	-	26,6
114	-	-	-	-	-	23,0
118	-	-	-	-	-	19,4
122	-	-	-	-	-	15,8

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

see page 52





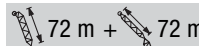






# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SWSL / SFSL 15° / HSWSL**

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO									
 72 m + 60 m									 72 m + 72 m								
	SWSL						SFSL	HSWSL		SWSL						SFSL	HSWSL
	0 t		0 t-250 t				85°	85°		0 t		0 t-250 t				85°	85°
	200 t		160 t							200 t		160 t					
		85°	85°	75°	65°	55°	t	t			85°	85°	75°	65°	55°	t	t
m		t	t	t	t	t	t	t		m	t	t	t	t	t	t	t
29		-	-	-	-	-	-	93,5		33	-	-	-	-	-	-	70,0
30		79,5	82,0	-	-	-	-	93,5		34	60,0	62,0	-	-	-	-	70,0
34		72,5	81,0	-	-	-	82,0	90,5		38	59,0	62,0	-	-	-	63,0	68,5
38		62,5	79,0	-	-	-	82,0	87,5		42	51,5	61,0	-	-	-	63,0	66,5
42		54,0	76,0	-	-	-	82,0	84,0		46	45,0	60,0	-	-	-	63,0	64,0
46		47,5	73,0	-	-	-	82,0	80,0		50	39,5	58,0	-	-	-	63,0	62,0
50		42,0	71,0	-	-	-	82,0	76,0		54	34,8	56,0	-	-	-	63,0	59,5
52		39,6	70,0	79,0	-	-	81,5	74,0		58	30,8	54,0	60,0	-	-	61,0	57,0
54		37,3	69,0	79,0	-	-	81,0	72,0		62	27,3	53,0	60,0	-	-	59,0	55,0
58		33,2	66,0	79,0	-	-	77,0	67,5		66	24,3	51,0	60,0	-	-	56,0	52,5
62		29,8	64,0	77,0	-	-	72,0	63,5		70	21,7	48,0	59,0	-	-	54,0	50,5
66		26,8	55,5	74,0	-	-	68,0	55,5		74	19,4	45,0	59,0	-	-	52,0	47,8
67		-	-	72,5	-	-	66,8	52,5		78	17,4	40,6	58,0	-	-	49,6	40,6
70		-	-	69,0	-	-	63,5	-		80	-	-	56,0	47,4	-	48,9	-
72		-	-	66,0	60,0	-	62,0	-		82	-	-	54,0	47,4	-	48,3	-
74		-	-	64,0	58,0	-	60,5	-		86	-	-	51,0	45,5	-	46,9	-
78		-	-	60,0	54,0	-	58,0	-		90	-	-	45,0	42,7	-	42,7	-
82		-	-	-	50,5	-	52,5	-		94	-	-	-	40,2	-	38,5	-
86		-	-	-	47,8	-	47,6	-		98	-	-	-	37,9	-	35,0	-
90		-	-	-	45,0	40,5	43,2	-		100	-	-	-	36,9	32,0	33,1	-
94		-	-	-	-	38,1	38,8	-		102	-	-	-	35,9	31,1	31,4	-
98		-	-	-	-	36,0	35,0	-		106	-	-	-	-	29,3	28,1	-
102		-	-	-	-	34,0	31,2	-		110	-	-	-	-	27,8	24,8	-
106		-	-	-	-	-	27,5	-		112	-	-	-	-	27,0	23,2	-
110		-	-	-	-	-	24,0	-		114	-	-	-	-	-	21,7	-
114		-	-	-	-	-	20,5	-		118	-	-	-	-	-	18,7	-
118		-	-	-	-	-	16,9	-		122	-	-	-	-	-	15,8	-
122		-	-	-	-	-	13,4	-		126	-	-	-	-	-	12,9	-
126		-	-	-	-	-	-	-		130	-	-	-	-	-	9,9	-
130		-	-	-	-	-	-	-		134	-	-	-	-	-	6,9	-
134		-	-	-	-	-	-	-		138	-	-	-	-	-	-	-

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1




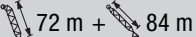












For HSWSL a boom power-kit is required





Values for HSWSL may include 300 tonne SL counterweight



## RATED LIFTING CAPACITY

### SWSL / SFSL 15° / HSWSL

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO																																																	
 72 m + 84 m																																																									
<table><tr><th colspan="2"></th><th colspan="4">SWSL</th><th>SFSL</th><th>HSWSL</th></tr><tr><th></th><th>0 t</th><th colspan="6">0 t-250 t</th><th></th><th></th></tr><tr><th></th><th>200 t</th><th colspan="6">160 t</th><th></th><th></th></tr><tr><th></th><th></th><th>85°</th><th>85°</th><th>75°</th><th>65°</th><th>55°</th><th colspan="3">85°</th></tr><tr><th>m</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th><th>t</th></tr></table>												SWSL				SFSL	HSWSL		0 t	0 t-250 t									200 t	160 t										85°	85°	75°	65°	55°	85°			m	t	t	t	t	t	t	t	t	t
		SWSL				SFSL	HSWSL																																																		
	0 t	0 t-250 t																																																							
	200 t	160 t																																																							
		85°	85°	75°	65°	55°	85°																																																		
m	t	t	t	t	t	t	t	t	t																																																
36	-	-	-	-	-	-	-	-	52,5																																																
38	45,5	47,0	-	-	-	-	-	-	52,5																																																
42	44,9	47,0	-	-	-	-	48,0	51,0																																																	
46	43,6	47,0	-	-	-	-	48,0	50,5																																																	
50	38,0	46,0	-	-	-	-	48,0	49,4																																																	
54	33,3	46,0	-	-	-	-	48,0	48,2																																																	
58	29,3	45,0	-	-	-	-	48,0	47,0																																																	
62	25,9	44,0	45,0	-	-	-	47,0	45,8																																																	
66	22,8	43,0	45,0	-	-	-	46,0	44,6																																																	
70	20,2	42,0	45,0	-	-	-	45,0	43,3																																																	
74	17,8	40,0	45,0	-	-	-	44,0	41,9																																																	
78	15,7	39,0	44,0	-	-	-	42,0	40,5																																																	
82	13,9	38,0	43,0	-	-	-	41,0	39,2																																																	
86	12,2	35,0	42,0	34,9	-	-	38,0	35,6																																																	
90	10,8	30,2	42,0	34,9	-	-	36,0	30,2																																																	
94	-	-	40,0	34,8	-	-	34,8	-																																																	
98	-	-	38,0	34,7	-	-	33,8	-																																																	
102	-	-	33,9	34,3	-	-	31,5	-																																																	
106	-	-	-	32,3	-	-	28,7	-																																																	
108	-	-	-	31,4	26,3	-	27,2	-																																																	
110	-	-	-	30,6	25,5	-	25,7	-																																																	
114	-	-	-	28,9	24,0	-	22,8	-																																																	
118	-	-	-	-	22,7	-	20,0	-																																																	
122	-	-	-	-	21,4	-	17,3	-																																																	
124	-	-	-	-	20,7	-	16,0	-																																																	
126	-	-	-	-	-	-	14,7	-																																																	
130	-	-	-	-	-	-	12,2	-																																																	
134	-	-	-	-	-	-	9,7	-																																																	
138	-	-	-	-	-	-	7,2	-																																																	
142	-	-	-	-	-	-	4,6	-																																																	
146	-	-	-	-	-	-	-	-																																																	

84 m + 36 m																																																																											
			SWSL				SFSL	HSWSL				---	---	-----------	-----	-----	-----	------	-------	---	---			0 t	0 t-250 t										200 t	160 t											85°	85°	75°	65°	55°	85°				m	t	t	t	t	t	t	t	t	t										
23	-	-	-	-	-	-	-	-	129,0																																																																		
24	103,0	104,0	-	-	-	-	105,0	129,0																																																																			
26	101,0	101,0	-	-	-	-	105,0	125,0																																																																			
28	96,0	99,0	-	-	-	-	104,0	122,0																																																																			
30	88,0	96,0	-	-	-	-	104,0	118,0																																																																			
34	74,5	91,0	-	-	-	-	104,0	111,0																																																																			
38	64,5	87,0	-	-	-	-	103,0	105,0																																																																			
42	56,5	83,0	-	-	-	-	102,0	99,0																																																																			
44	-	-	100,0	-	-	-	100,5	96,0																																																																			
46	-	-	100,0	-	-	-	99,0	-																																																																			
50	-	-	95,0	-	-	-	92,0	-																																																																			
54	-	-	90,0	-	-	-	86,0	-																																																																			
58	-	-	86,0	-	-	-	81,5	-																																																																			
62	-	-	-	72,5	-	-	77,5	-																																																																			
66	-	-	-	67,0	-	-	71,0	-																																																																			
70	-	-	-	62,5	-	-	64,0	-																																																																			
72	-	-	-	60,0	-	-	60,7	-																																																																			
74	-	-	-	-	-	-	57,5	-																																																																			
78	-	-	-	-	-	-	52,0	-																																																																			
80	-	-	-	-	-	47,2	49,4	-																																																																			
82	-	-	-	-	-	45,7	46,8	-																																																																			
84	-	-	-	-	-	44,3	44,2	-																																																																			
86	-	-	-	-	-	-	41,8	-																																																																			
90	-	-	-	-	-	-	37,3	-																																																																			
94	-	-	-	-	-	-	32,9	-																																																																			
98	-	-	-	-	-	-	28,7	-																																																																			
102	-	-	-	-	-	-	24,6	-																																																																			
106	-	-	-	-	-	-	20,5	-																																																																			
110	-	-	-	-	-	-	16,4	-																																																																			
114	-	-	-	-	-	-	-	-																																																																			
118	-	-	-	-	-	-	-	-																																																																			

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required

Values for HSWSL may include 300 tonne SL counterweight
















600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SWSL / SFSL 15° / HSWSL**

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO													
 84 m +  48 m								 84 m +  60 m													
		SWSL					SFSL	HSWSL			SWSL					SFSL	HSWSL				
		0 t		0 t-250 t									0 t		0 t-250 t						
		200 t		160 t									200 t		160 t						
		85°	85°	75°	65°	55°		85°				85°	85°	75°	65°	55°		85°			
m	t	t	t	t	t	t	t	t	m	t	t	t	t	t	t	t	t	t			
26	79,5	80,0	-	-	-	-	-	100,0	30	61,0	64,0	-	-	-	-	-	-	77,0			
28	79,5	80,0	-	-	-	-	81,0	99,5	34	60,0	64,0	-	-	-	-	62,0	75,0				
30	78,0	79,0	-	-	-	-	81,0	97,5	38	58,0	62,0	-	-	-	-	62,0	72,5				
34	72,5	76,0	-	-	-	-	81,0	93,0	42	52,0	59,0	-	-	-	-	62,0	70,0				
38	62,5	72,0	-	-	-	-	81,0	88,5	46	45,8	57,0	-	-	-	-	62,0	67,0				
42	54,5	69,0	-	-	-	-	80,0	84,5	50	40,3	55,0	-	-	-	-	62,0	64,5				
46	48,1	66,0	-	-	-	-	79,0	80,5	54	35,7	52,0	60,0	-	-	-	62,0	61,5				
48	45,4	65,0	78,0	-	-	-	79,0	78,5	58	31,8	50,0	60,0	-	-	-	61,0	59,0				
50	42,7	64,0	78,0	-	-	-	79,0	76,5	62	28,4	48,0	59,0	-	-	-	58,0	56,5				
54	38,0	61,0	77,0	-	-	-	75,0	72,5	66	25,4	46,0	58,0	-	-	-	56,0	54,0				
56	-	-	76,0	-	-	-	73,0	71,0	68	-	-	57,0	-	-	-	54,5	52,5				
58	-	-	74,0	-	-	-	71,0	-	70	-	-	56,0	-	-	-	53,0	-				
62	-	-	72,0	-	-	-	67,0	-	74	-	-	54,0	-	-	-	51,0	-				
66	-	-	68,0	-	-	-	63,5	-	78	-	-	52,0	46,3	-	-	48,0	-				
70	-	-	65,0	60,0	-	-	61,5	-	82	-	-	49,0	45,6	-	-	46,0	-				
74	-	-	-	56,0	-	-	58,5	-	86	-	-	-	43,9	-	-	43,1	-				
78	-	-	-	52,5	-	-	53,0	-	90	-	-	-	41,6	-	-	38,8	-				
82	-	-	-	49,5	-	-	47,8	-	94	-	-	-	39,2	-	-	35,2	-				
84	-	-	-	48,0	-	-	45,6	-	96	-	-	-	38,1	-	-	33,2	-				
86	-	-	-	-	-	-	43,4	-	98	-	-	-	-	30,9	-	31,3	-				
88	-	-	-	-	-	39,3	41,1	-	102	-	-	-	-	29,1	-	27,7	-				
90	-	-	-	-	-	38,1	38,9	-	106	-	-	-	-	27,5	-	24,4	-				
94	-	-	-	-	-	36,0	34,6	-	108	-	-	-	-	26,8	-	22,8	-				
96	-	-	-	-	-	35,0	32,7	-	110	-	-	-	-	-	-	21,3	-				
98	-	-	-	-	-	-	30,8	-	114	-	-	-	-	-	-	18,3	-				
102	-	-	-	-	-	-	27,2	-	118	-	-	-	-	-	-	15,4	-				
106	-	-	-	-	-	-	23,7	-	122	-	-	-	-	-	-	12,6	-				
110	-	-	-	-	-	-	20,2	-	126	-	-	-	-	-	-	9,7	-				
114	-	-	-	-	-	-	16,9	-	130	-	-	-	-	-	-	6,8	-				
118	-	-	-	-	-	-	13,5	-	134	-	-	-	-	-	-	-	-				
122	-	-	-	-	-	-	10,0	-	138	-	-	-	-	-	-	-	-				

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1




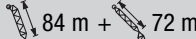


For HSWSL a boom power-kit is required

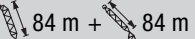


Values for HSWSL may include 300 tonne SL counterweight



## RATED LIFTING CAPACITY

### SWSL / SFSL 15° / HSWSL

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO	
 84 m + 72 m									
	SWSL						SFSL	HSWSL	
	0 t		0 t-250 t						
	200 t		160 t						
		85°	85°	75°	65°	55°		85°	
m	t	t	t	t	t	t	t		
34	47,2	49,0	-	-	-	-	58,5		
38	46,5	49,0	-	-	-	48,0	57,5		
42	45,1	48,0	-	-	-	48,0	55,5		
46	43,2	47,0	-	-	-	48,0	54,0		
50	37,8	45,0	-	-	-	48,0	52,5		
54	33,2	44,0	-	-	-	48,0	50,5		
58	29,3	42,0	-	-	-	48,0	49,0		
60	27,6	41,5	47,0	-	-	48,0	48,1		
62	25,9	41,0	47,0	-	-	48,0	47,2		
66	23,0	39,0	46,0	-	-	46,0	45,5		
70	20,4	38,0	46,0	-	-	45,0	43,7		
74	18,1	37,0	45,0	-	-	44,0	42,0		
78	16,1	36,0	44,0	-	-	42,0	40,3		
79	-	-	43,5	-	-	41,2	39,8		
82	-	-	43,0	-	-	39,0	-		
84	-	-	42,0	35,3	-	37,4	-		
86	-	-	41,0	35,2	-	36,0	-		
90	-	-	40,0	35,0	-	35,0	-		
94	-	-	39,0	34,1	-	33,1	-		
98	-	-	-	33,0	-	30,1	-		
102	-	-	-	31,6	-	27,1	-		
106	-	-	-	30,1	24,3	24,3	-		
110	-	-	-	-	22,8	21,3	-		
114	-	-	-	-	21,5	18,4	-		
118	-	-	-	-	20,1	15,8	-		
120	-	-	-	-	19,4	14,5	-		
122	-	-	-	-	-	13,2	-		
126	-	-	-	-	-	10,7	-		
130	-	-	-	-	-	8,3	-		
134	-	-	-	-	-	5,9	-		
138	-	-	-	-	-	-	-		
142	-	-	-	-	-	-	-		
146	-	-	-	-	-	-	-		

 84 m + 84 m								
	SWSL						SFSL	HSWSL
	0 t		0 t-250 t					
	200 t		160 t					
		85°	85°	75°	65°	55°		85°
m	t	t	t	t	t	t	t	
37	-	-	-	-	-	-	44,5	
38	36,2	40,0	-	-	-	-	44,5	
42	35,8	40,0	-	-	-	38,0	43,8	
46	34,9	39,0	-	-	-	38,0	42,9	
50	33,9	38,0	-	-	-	38,0	41,9	
54	31,8	37,0	-	-	-	38,0	40,8	
58	27,8	36,0	-	-	-	38,0	39,6	
62	24,5	35,0	-	-	-	38,0	38,5	
66	21,5	34,0	37,0	-	-	38,0	37,3	
70	18,9	33,0	37,0	-	-	37,0	36,1	
74	16,6	32,0	37,0	-	-	37,0	34,9	
78	14,6	31,0	37,0	-	-	36,0	33,7	
82	12,7	29,0	36,0	-	-	35,0	32,5	
86	11,1	28,0	34,0	-	-	34,0	31,3	
90	9,7	27,0	33,0	-	-	32,0	30,2	
91	-	-	32,5	-	-	31,0	29,9	
92	-	-	32,0	26,3	-	30,5	-	
94	-	-	32,0	26,3	-	30,0	-	
98	-	-	30,0	26,3	-	29,0	-	
102	-	-	28,0	26,0	-	26,0	-	
104	-	-	24,7	25,7	-	24,9	-	
106	-	-	-	25,4	-	24,0	-	
110	-	-	-	24,7	-	21,6	-	
114	-	-	-	23,7	-	19,2	-	
116	-	-	-	23,2	18,5	17,8	-	
118	-	-	-	22,7	17,8	16,5	-	
122	-	-	-	-	16,4	13,9	-	
126	-	-	-	-	15,2	11,6	-	
130	-	-	-	-	14,0	9,4	-	
132	-	-	-	-	13,5	8,3	-	
134	-	-	-	-	-	7,2	-	
138	-	-	-	-	-	5,0	-	
142	-	-	-	-	-	-	-	

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required

Values for HSWSL may include 300 tonne SL counterweight






600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SWSL / SFSL 15° / HSWSL**

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO
 96 m + 36 m				 96 m + 48 m				
		SWSL		SFSL	HSWSL			
		0 t	0 t-250 t					
		200 t	160 t					
		85°	85°	75°	65°	55°	85°	
m	t	t	t	t	t	t	t	
24	78,0	80,0	-	-	-	-	99,5	
26	77,0	80,0	-	-	-	80,0	98,0	
28	75,0	76,5	-	-	-	79,5	95,5	
30	72,5	74,0	-	-	-	78,5	92,5	
34	68,0	69,5	-	-	-	76,5	87,0	
38	62,5	65,0	-	-	-	74,5	81,5	
42	54,5	61,5	-	-	-	72,0	76,5	
45	-	-	-	-	-	70,1	73,0	
46	-	-	67,5	-	-	69,5	-	
50	-	-	65,5	-	-	66,5	-	
54	-	-	62,0	-	-	64,0	-	
58	-	-	59,0	-	-	62,0	-	
62	-	-	55,0	-	-	60,0	-	
66	-	-	-	-	-	58,0	-	
68	-	-	-	52,5	-	57,0	-	
70	-	-	-	51,5	-	56,0	-	
74	-	-	-	48,0	-	52,0	-	
78	-	-	-	44,3	-	46,8	-	
82	-	-	-	-	-	41,8	-	
86	-	-	-	-	37,1	37,6	-	
90	-	-	-	-	34,9	33,2	-	
92	-	-	-	-	34,0	31,1	-	
94	-	-	-	-	-	29,1	-	
98	-	-	-	-	-	25,3	-	
102	-	-	-	-	-	21,8	-	
106	-	-	-	-	-	18,4	-	
110	-	-	-	-	-	15,1	-	
114	-	-	-	-	-	11,9	-	
118	-	-	-	-	-	8,6	-	
122	-	-	-	-	-	-	-	
126	-	-	-	-	-	-	-	
130	-	-	-	-	-	-	-	
134	-	-	-	-	-	-	-	

		SWSL		SFSL	HSWSL			
		0 t	0 t-250 t					
		200 t	160 t					
		85°	85°	75°	65°	55°	85°	
m	t	t	t	t	t	t	t	
27	-	-	-	-	-	-	76,5	
28	60,0	60,5	-	-	-	-	76,5	
30	60,0	60,5	-	-	-	61,5	75,5	
34	56,5	57,0	-	-	-	60,0	72,0	
38	53,5	54,0	-	-	-	58,5	68,5	
42	50,0	51,0	-	-	-	57,5	65,0	
46	46,2	48,6	-	-	-	55,5	61,5	
50	40,8	46,2	-	-	-	53,5	58,5	
52	38,5	45,0	52,0	-	-	52,7	56,7	
54	36,3	43,8	52,0	-	-	52,0	55,0	
57	-	-	50,5	-	-	50,5	53,0	
58	-	-	50,0	-	-	50,0	-	
62	-	-	48,0	-	-	49,0	-	
66	-	-	46,0	-	-	47,0	-	
70	-	-	43,0	-	-	46,0	-	
74	-	-	41,0	39,9	-	44,0	-	
78	-	-	-	39,3	-	43,0	-	
82	-	-	-	36,9	-	41,0	-	
86	-	-	-	34,5	-	37,0	-	
88	-	-	-	33,3	-	35,4	-	
90	-	-	-	-	-	33,9	-	
94	-	-	-	-	-	30,2	-	
96	-	-	-	-	28,8	28,5	-	
98	-	-	-	-	28,4	26,8	-	
102	-	-	-	-	26,4	23,3	-	
104	-	-	-	-	25,4	21,6	-	
106	-	-	-	-	-	20,0	-	
110	-	-	-	-	-	17,0	-	
114	-	-	-	-	-	14,2	-	
118	-	-	-	-	-	11,4	-	
122	-	-	-	-	-	8,6	-	
126	-	-	-	-	-	5,8	-	
130	-	-	-	-	-	-	-	

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required




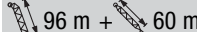



Values for HSWSL may include 300 tonne SL counterweight

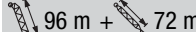







## RATED LIFTING CAPACITY

### SWSL / SFSL 15° / HSWSL

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO	
 96 m + 60 m									
	 0 t		SWSL			SFSL	HSWSL		
			0 t-250 t						
	 200 t		160 t						
	85°	85°	75°	65°	55°		85°		
m	t	t	t	t	t	t	t		
31	-	-	-	-	-	-	60,0		
34	46,1	46,1	-	-	-	46,7	59,0		
38	43,6	44,1	-	-	-	46,0	56,5		
42	41,5	42,1	-	-	-	45,1	54,0		
46	39,4	40,1	-	-	-	44,2	51,5		
50	37,3	38,2	-	-	-	43,0	49,2		
54	34,0	36,2	-	-	-	43,0	46,8		
58	30,2	34,6	41,0	-	-	42,0	44,6		
62	26,9	33,0	41,0	-	-	41,0	42,4		
66	24,0	31,2	40,0	-	-	40,0	40,2		
69	-	-	38,5	-	-	39,2	38,6		
70	-	-	38,0	-	-	39,0	-		
74	-	-	37,0	-	-	37,0	-		
78	-	-	35,0	-	-	36,0	-		
82	-	-	33,0	29,6	-	35,0	-		
84	-	-	28,6	29,4	-	34,5	-		
86	-	-	-	29,2	-	34,0	-		
90	-	-	-	27,6	-	33,0	-		
94	-	-	-	25,9	-	30,0	-		
98	-	-	-	24,2	-	26,0	-		
100	-	-	-	23,4	-	24,5	-		
102	-	-	-	-	-	23,0	-		
104	-	-	-	-	20,4	21,6	-		
106	-	-	-	-	20,1	20,3	-		
110	-	-	-	-	19,2	17,5	-		
114	-	-	-	-	17,9	14,6	-		
118	-	-	-	-	-	12,0	-		
122	-	-	-	-	-	9,5	-		
126	-	-	-	-	-	7,1	-		
130	-	-	-	-	-	4,7	-		
134	-	-	-	-	-	-	-		

 96 m + 72 m								
	 0 t		SWSL			SFSL	HSWSL	
			0 t-250 t					
	 200 t		160 t					
	85°	85°	75°	65°	55°		85°	
m	t	t	t	t	t	t	t	
35	-	-	-	-	-	-	45,8	
38	35,4	35,4	-	-	-	36,3	45,1	
42	33,8	34,1	-	-	-	35,7	43,6	
46	32,3	32,8	-	-	-	35,0	42,0	
50	30,8	31,4	-	-	-	34,2	40,4	
54	29,2	29,9	-	-	-	33,3	38,7	
58	27,6	28,4	-	-	-	33,0	37,1	
62	24,4	27,0	-	-	-	33,0	35,5	
64	22,9	26,5	32,0	-	-	32,5	34,7	
66	21,5	26,0	32,0	-	-	32,0	34,0	
70	19,0	25,0	31,0	-	-	31,0	32,5	
74	16,8	24,0	30,0	-	-	30,0	30,9	
78	14,8	23,0	29,0	-	-	30,0	29,4	
80	-	-	29,0	-	-	29,5	28,7	
82	-	-	28,0	-	-	29,0	-	
86	-	-	27,0	-	-	28,0	-	
90	-	-	26,0	22,1	-	27,0	-	
94	-	-	25,0	21,7	-	26,0	-	
96	-	-	20,6	21,3	-	25,5	-	
98	-	-	-	20,7	-	25,0	-	
102	-	-	-	19,5	-	22,7	-	
106	-	-	-	18,3	-	19,0	-	
110	-	-	-	17,1	-	17,0	-	
112	-	-	-	16,5	-	15,7	-	
114	-	-	-	-	14,3	14,5	-	
118	-	-	-	-	13,8	11,9	-	
122	-	-	-	-	12,8	9,5	-	
126	-	-	-	-	11,8	7,1	-	
130	-	-	-	-	-	4,9	-	
134	-	-	-	-	-	-	-	
138	-	-	-	-	-	-	-	

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required

Values for HSWSL may include 300 tonne SL counterweight

600 TONNE Demag TC2800-1





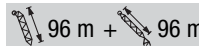















# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

**SWSL / SFSL 15° / HSWSL**

 14 m x 14 m		 11-15 m		360°		 9.8 m/s		ISO																																																																																																																																																																																																																																																																																																																											
 96 m + 84 m																																																																																																																																																																																																																																																																																																																																			
 96 m + 96 m																																																																																																																																																																																																																																																																																																																																			
<table><tr><th colspan="2">SWSL</th><th>SFSL</th><th>HSWSL</th></tr><tr><th> 0 t</th><th colspan="6">0 t-250 t</th></tr><tr><th> 200 t</th><th colspan="6">160 t</th></tr><tr><td></td><td> 85°</td><td>85°</td><td>75°</td><td>65°</td><td>55°</td><td></td><td>85°</td><td></td></tr><tr><td>m</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td><td>t</td><td></td></tr><tr><td>38</td><td>26,9</td><td>27,3</td><td>-</td><td>-</td><td>-</td><td>-</td><td>33,3</td><td></td></tr><tr><td>42</td><td>26,9</td><td>27,3</td><td>-</td><td>-</td><td>-</td><td>27,4</td><td>33,3</td><td></td></tr><tr><td>46</td><td>25,6</td><td>26,1</td><td>-</td><td>-</td><td>-</td><td>26,9</td><td>33,3</td><td></td></tr><tr><td>50</td><td>24,5</td><td>25,0</td><td>-</td><td>-</td><td>-</td><td>26,3</td><td>32,2</td><td></td></tr><tr><td>54</td><td>23,4</td><td>24,0</td><td>-</td><td>-</td><td>-</td><td>26,0</td><td>31,1</td><td></td></tr><tr><td>58</td><td>22,3</td><td>23,0</td><td>-</td><td>-</td><td>-</td><td>26,0</td><td>29,9</td><td></td></tr><tr><td>62</td><td>21,1</td><td>22,0</td><td>-</td><td>-</td><td>-</td><td>26,0</td><td>28,8</td><td></td></tr><tr><td>66</td><td>20,0</td><td>21,0</td><td>-</td><td>-</td><td>-</td><td>25,0</td><td>27,6</td><td></td></tr><tr><td>68</td><td>18,7</td><td>21,0</td><td>24,0</td><td>-</td><td>-</td><td>25,0</td><td>27,0</td><td></td></tr><tr><td>70</td><td>17,5</td><td>21,0</td><td>24,0</td><td>-</td><td>-</td><td>25,0</td><td>26,5</td><td></td></tr><tr><td>74</td><td>15,3</td><td>20,0</td><td>24,0</td><td>-</td><td>-</td><td>24,0</td><td>25,4</td><td></td></tr><tr><td>78</td><td>13,3</td><td>19,0</td><td>23,0</td><td>-</td><td>-</td><td>23,0</td><td>24,4</td><td></td></tr><tr><td>82</td><td>11,5</td><td>18,0</td><td>23,0</td><td>-</td><td>-</td><td>23,0</td><td>23,4</td><td></td></tr><tr><td>86</td><td>9,9</td><td>17,0</td><td>22,0</td><td>-</td><td>-</td><td>22,0</td><td>22,3</td><td></td></tr><tr><td>90</td><td>8,5</td><td>17,0</td><td>21,0</td><td>-</td><td>-</td><td>21,0</td><td>21,3</td><td></td></tr><tr><td>92</td><td>-</td><td>-</td><td>21,0</td><td>-</td><td>-</td><td>21,0</td><td>20,8</td><td></td></tr><tr><td>94</td><td>-</td><td>-</td><td>20,0</td><td>-</td><td>-</td><td>21,0</td><td>-</td><td></td></tr><tr><td>96</td><td>-</td><td>-</td><td>20,0</td><td>15,4</td><td>-</td><td>20,5</td><td>-</td><td></td></tr><tr><td>98</td><td>-</td><td>-</td><td>20,0</td><td>15,4</td><td>-</td><td>20,0</td><td>-</td><td></td></tr><tr><td>102</td><td>-</td><td>-</td><td>18,5</td><td>15,2</td><td>-</td><td>19,0</td><td>-</td><td></td></tr><tr><td>106</td><td>-</td><td>-</td><td>14,5</td><td>14,6</td><td>-</td><td>18,0</td><td>-</td><td></td></tr><tr><td>108</td><td>-</td><td>-</td><td>14,1</td><td>14,2</td><td>-</td><td>17,5</td><td>-</td><td></td></tr><tr><td>110</td><td>-</td><td>-</td><td>-</td><td>13,9</td><td>-</td><td>17,0</td><td>-</td><td></td></tr><tr><td>114</td><td>-</td><td>-</td><td>-</td><td>13,1</td><td>-</td><td>13,8</td><td>-</td><td></td></tr><tr><td>118</td><td>-</td><td>-</td><td>-</td><td>12,3</td><td>-</td><td>-</td><td>-</td><td></td></tr><tr><td>122</td><td>-</td><td>-</td><td>-</td><td>11,6</td><td>9,4</td><td>-</td><td>-</td><td></td></tr><tr><td>124</td><td>-</td><td>-</td><td>-</td><td>11,2</td><td>9,4</td><td>-</td><td>-</td><td></td></tr><tr><td>126</td><td>-</td><td>-</td><td>-</td><td>-</td><td>9,3</td><td>-</td><td>-</td><td></td></tr><tr><td>130</td><td>-</td><td>-</td><td>-</td><td>-</td><td>8,7</td><td>-</td><td>-</td><td></td></tr><tr><td>134</td><td>-</td><td>-</td><td>-</td><td>-</td><td>7,8</td><td>-</td><td>-</td><td></td></tr><tr><td>138</td><td>-</td><td>-</td><td>-</td><td>-</td><td>6,9</td><td>-</td><td>-</td><td></td></tr></table>									SWSL		SFSL	HSWSL	 0 t	0 t-250 t						 200 t	160 t							 85°	85°	75°	65°	55°		85°		m	t	t	t	t	t	t	t		38	26,9	27,3	-	-	-	-	33,3		42	26,9	27,3	-	-	-	27,4	33,3		46	25,6	26,1	-	-	-	26,9	33,3		50	24,5	25,0	-	-	-	26,3	32,2		54	23,4	24,0	-	-	-	26,0	31,1		58	22,3	23,0	-	-	-	26,0	29,9		62	21,1	22,0	-	-	-	26,0	28,8		66	20,0	21,0	-	-	-	25,0	27,6		68	18,7	21,0	24,0	-	-	25,0	27,0		70	17,5	21,0	24,0	-	-	25,0	26,5		74	15,3	20,0	24,0	-	-	24,0	25,4		78	13,3	19,0	23,0	-	-	23,0	24,4		82	11,5	18,0	23,0	-	-	23,0	23,4		86	9,9	17,0	22,0	-	-	22,0	22,3		90	8,5	17,0	21,0	-	-	21,0	21,3		92	-	-	21,0	-	-	21,0	20,8		94	-	-	20,0	-	-	21,0	-		96	-	-	20,0	15,4	-	20,5	-		98	-	-	20,0	15,4	-	20,0	-		102	-	-	18,5	15,2	-	19,0	-		106	-	-	14,5	14,6	-	18,0	-		108	-	-	14,1	14,2	-	17,5	-		110	-	-	-	13,9	-	17,0	-		114	-	-	-	13,1	-	13,8	-		118	-	-	-	12,3	-	-	-		122	-	-	-	11,6	9,4	-	-		124	-	-	-	11,2	9,4	-	-		126	-	-	-	-	9,3	-	-		130	-	-	-	-	8,7	-	-		134	-	-	-	-	7,8	-	-		138	-	-	-	-	6,9	-	-	
SWSL		SFSL	HSWSL																																																																																																																																																																																																																																																																																																																																
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 200 t	160 t																																																																																																																																																																																																																																																																																																																																		
	 85°	85°	75°	65°	55°		85°																																																																																																																																																																																																																																																																																																																												
m	t	t	t	t	t	t	t																																																																																																																																																																																																																																																																																																																												
38	26,9	27,3	-	-	-	-	33,3																																																																																																																																																																																																																																																																																																																												
42	26,9	27,3	-	-	-	27,4	33,3																																																																																																																																																																																																																																																																																																																												
46	25,6	26,1	-	-	-	26,9	33,3																																																																																																																																																																																																																																																																																																																												
50	24,5	25,0	-	-	-	26,3	32,2																																																																																																																																																																																																																																																																																																																												
54	23,4	24,0	-	-	-	26,0	31,1																																																																																																																																																																																																																																																																																																																												
58	22,3	23,0	-	-	-	26,0	29,9																																																																																																																																																																																																																																																																																																																												
62	21,1	22,0	-	-	-	26,0	28,8																																																																																																																																																																																																																																																																																																																												
66	20,0	21,0	-	-	-	25,0	27,6																																																																																																																																																																																																																																																																																																																												
68	18,7	21,0	24,0	-	-	25,0	27,0																																																																																																																																																																																																																																																																																																																												
70	17,5	21,0	24,0	-	-	25,0	26,5																																																																																																																																																																																																																																																																																																																												
74	15,3	20,0	24,0	-	-	24,0	25,4																																																																																																																																																																																																																																																																																																																												
78	13,3	19,0	23,0	-	-	23,0	24,4																																																																																																																																																																																																																																																																																																																												
82	11,5	18,0	23,0	-	-	23,0	23,4																																																																																																																																																																																																																																																																																																																												
86	9,9	17,0	22,0	-	-	22,0	22,3																																																																																																																																																																																																																																																																																																																												
90	8,5	17,0	21,0	-	-	21,0	21,3																																																																																																																																																																																																																																																																																																																												
92	-	-	21,0	-	-	21,0	20,8																																																																																																																																																																																																																																																																																																																												
94	-	-	20,0	-	-	21,0	-																																																																																																																																																																																																																																																																																																																												
96	-	-	20,0	15,4	-	20,5	-																																																																																																																																																																																																																																																																																																																												
98	-	-	20,0	15,4	-	20,0	-																																																																																																																																																																																																																																																																																																																												
102	-	-	18,5	15,2	-	19,0	-																																																																																																																																																																																																																																																																																																																												
106	-	-	14,5	14,6	-	18,0	-																																																																																																																																																																																																																																																																																																																												
108	-	-	14,1	14,2	-	17,5	-																																																																																																																																																																																																																																																																																																																												
110	-	-	-	13,9	-	17,0	-																																																																																																																																																																																																																																																																																																																												
114	-	-	-	13,1	-	13,8	-																																																																																																																																																																																																																																																																																																																												
118	-	-	-	12,3	-	-	-																																																																																																																																																																																																																																																																																																																												
122	-	-	-	11,6	9,4	-	-																																																																																																																																																																																																																																																																																																																												
124	-	-	-	11,2	9,4	-	-																																																																																																																																																																																																																																																																																																																												
126	-	-	-	-	9,3	-	-																																																																																																																																																																																																																																																																																																																												
130	-	-	-	-	8,7	-	-																																																																																																																																																																																																																																																																																																																												
134	-	-	-	-	7,8	-	-																																																																																																																																																																																																																																																																																																																												
138	-	-	-	-	6,9	-	-																																																																																																																																																																																																																																																																																																																												
	85°	85°	75°	65°	55°		85°																																																																																																																																																																																																																																																																																																																												
m	t	t	t	t	t	t	t																																																																																																																																																																																																																																																																																																																												
42	19,1	19,4	-	-	-	-	-																																																																																																																																																																																																																																																																																																																												
46	19,1	19,4	-	-	-	19,6	-																																																																																																																																																																																																																																																																																																																												
50	18,2	19,0	-	-	-	19,2	-																																																																																																																																																																																																																																																																																																																												
54	17,4	18,0	-	-	-	19,0	-																																																																																																																																																																																																																																																																																																																												
58	16,6	18,0	-	-	-	19,0	-																																																																																																																																																																																																																																																																																																																												
62	15,7	17,0	-	-	-	19,0	-																																																																																																																																																																																																																																																																																																																												
66	14,9	16,0	-	-	-	19,0	-																																																																																																																																																																																																																																																																																																																												
70	14,1	16,0	-	-	-	18,0	-																																																																																																																																																																																																																																																																																																																												
74	13,2	15,0	17,0	-	-	18,0	-																																																																																																																																																																																																																																																																																																																												
78	12,4	15,0	17,0	-	-	18,0	-																																																																																																																																																																																																																																																																																																																												
82	10,7	14,0	17,0	-	-	17,0	-																																																																																																																																																																																																																																																																																																																												
86	9,0	13,0	17,0	-	-	16,0	-																																																																																																																																																																																																																																																																																																																												
90	7,6	13,0	16,0	-	-	16,0	-																																																																																																																																																																																																																																																																																																																												
94	6,2	12,0	16,0	-	-	15,0	-																																																																																																																																																																																																																																																																																																																												
98	5,0	11,0	15,0	-	-	15,0	-																																																																																																																																																																																																																																																																																																																												
101	4,1	11,0	14,7	-	-	14,2	-																																																																																																																																																																																																																																																																																																																												
102	-	11,0	14,5	-	-	14,0	-																																																																																																																																																																																																																																																																																																																												
104	-	-	14,0	9,4	-	14,0	-																																																																																																																																																																																																																																																																																																																												
106	-	-	14,0	9,4	-	14,0	-																																																																																																																																																																																																																																																																																																																												
110	-	-	13,5	9,3	-	13,0	-																																																																																																																																																																																																																																																																																																																												
114	-	-	12,5	8,9	-	13,0	-																																																																																																																																																																																																																																																																																																																												
118	-	-	8,7	8,3	-	12,0	-																																																																																																																																																																																																																																																																																																																												
120	-	-	8,3	8,1	-	11,4	-																																																																																																																																																																																																																																																																																																																												
122	-	-	-	7,8	-	10,9	-																																																																																																																																																																																																																																																																																																																												
126	-	-	-	7,3	-	-	-																																																																																																																																																																																																																																																																																																																												
130	-	-	-	6,7	4,3	-	-																																																																																																																																																																																																																																																																																																																												
134	-	-	-	6,2	4,3	-	-																																																																																																																																																																																																																																																																																																																												
136	-	-	-	5,9	4,2	-	-																																																																																																																																																																																																																																																																																																																												
138	-	-	-	-	4,0	-	-																																																																																																																																																																																																																																																																																																																												
142	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																												
146	-	-	-	-	-	-	-																																																																																																																																																																																																																																																																																																																												

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required

Values for HSWSL may include 300 tonne SL counterweight



## RATED LIFTING CAPACITY

### SWSL / SFSL 15° / HSWSL

14 m x 14 m	11-15 m	360°	9.8 m/s	ISO
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108 m + 36 m
--------------

		SWSL					SFSL	HSWSL
		0 t					0 t-250 t	
		200 t					160 t	
		85°	85°	75°	65°	55°		85°
m	t	t	t	t	t	t	t	t
25	-	-	-	-	-	-	-	74,5
26	-	-	-	-	-	-	-	74,5
28	-	-	-	-	-	-	-	72,0
30	-	-	-	-	-	-	-	70,0
34	-	-	-	-	-	-	-	65,5
38	-	-	-	-	-	-	-	61,0
42	-	-	-	-	-	-	-	57,0
46	-	-	-	-	-	-	-	53,0
50	-	-	-	-	-	-	-	-

108 m + 48 m
--------------

m	t	t	t	t	t	t	t
28	-	-	-	-	-	-	57,5
30	-	-	-	-	-	-	57,5
34	-	-	-	-	-	-	54,0
38	-	-	-	-	-	-	51,0
42	-	-	-	-	-	-	48,3
46	-	-	-	-	-	-	45,3
50	-	-	-	-	-	-	42,7
54	-	-	-	-	-	-	40,2
58	-	-	-	-	-	-	37,6

108 m + 60 m
--------------

		SWSL					SFSL	HSWSL
		0 t					0 t-250 t	
		200 t					160 t	
		85°	85°	75°	65°	55°		85°
m	t	t	t	t	t	t	t	t
32	-	-	-	-	-	-	-	43,9
34	-	-	-	-	-	-	-	43,9
38	-	-	-	-	-	-	-	41,9
42	-	-	-	-	-	-	-	39,8
46	-	-	-	-	-	-	-	37,6
50	-	-	-	-	-	-	-	35,5
54	-	-	-	-	-	-	-	33,3
58	-	-	-	-	-	-	-	31,6
62	-	-	-	-	-	-	-	29,9
66	-	-	-	-	-	-	-	28,2
70	-	-	-	-	-	-	-	26,5

#### Remarks

Main boom angle 85°, 75°, 65° and 55°; capacities for intermediate boom positions are calculated by the crane control system IC-1

For HSWSL a boom power-kit is required

Values for HSWSL may include 300 tonne SL counterweight

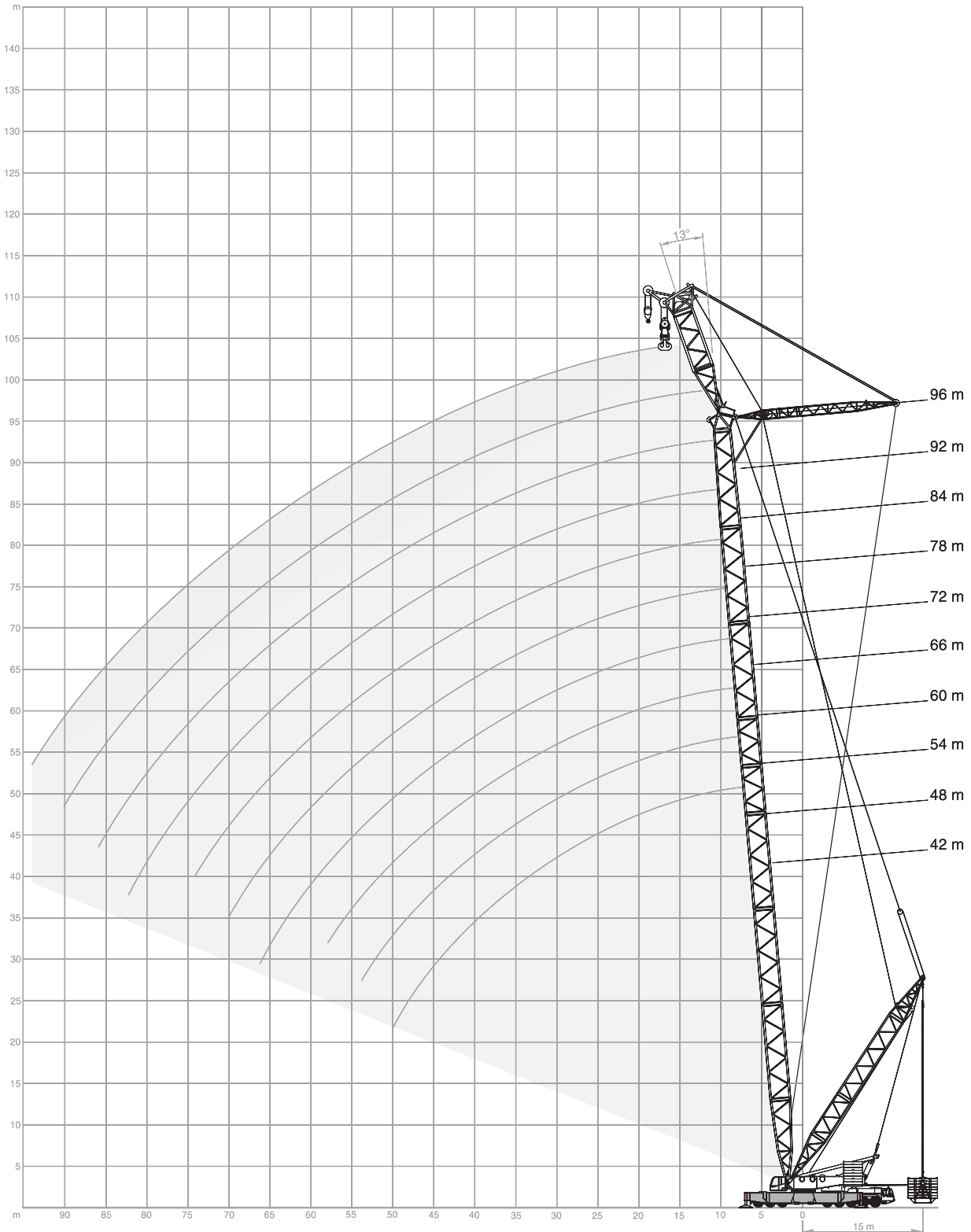
# 600 TONNE

## Demag TC2800-1 Truck Crane

### WORKING RANGE CHART

SFVL / LFVL

13°





## RATED LIFTING CAPACITY

### SFVL / LFVL

160 t 11-15 m 0-300 t 12 m 14 m x 14 m 360° 9.8 m/s ISO

m	42 m			48 m			54 m			60 m		
	SFVL		LFVL	SFVL		LFVL	SFVL		LFVL	SFVL		LFVL
	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°
12	480,0	-	-	430,0	-	-	-	-	-	-	-	-
13	469,0	-	300,0	429,0	-	300,0	-	-	300,0	-	-	-
14	458,0	438,0	300,0	428,0	412,0	300,0	387,0	369,0	300,0	350,0	-	300,0
16	419,0	418,0	300,0	417,0	401,0	300,0	385,0	369,0	300,0	348,0	334,0	300,0
18	380,0	381,0	300,0	377,0	378,0	300,0	375,0	366,0	300,0	346,0	329,0	300,0
20	347,0	347,0	300,0	344,0	345,0	300,0	342,0	343,0	300,0	339,0	324,0	300,0
22	317,0	318,0	291,0	315,0	316,0	296,0	313,0	314,0	300,0	311,0	310,0	300,0
24	286,0	287,0	269,0	284,0	285,0	280,0	282,0	283,0	278,0	280,0	281,0	282,0
26	260,0	261,0	249,0	262,0	262,0	260,0	261,0	260,0	261,0	254,0	256,0	259,0
28	239,0	239,0	230,0	242,0	242,0	240,0	240,0	241,0	240,0	237,0	238,0	238,0
30	220,0	221,0	212,0	223,0	223,0	221,0	222,0	222,0	222,0	219,0	220,0	220,0
34	189,0	190,0	180,0	190,0	191,0	188,0	189,0	190,0	192,0	188,0	188,0	190,0
38	160,0	163,0	152,0	163,0	163,0	160,0	164,0	165,0	165,0	163,0	163,0	166,0
42	137,0	138,0	131,0	143,0	142,0	137,0	142,0	142,0	144,0	143,0	143,0	145,0
46	113,0	114,0	115,0	123,0	124,0	119,0	128,0	128,0	125,0	127,0	127,0	126,0
50	92,0	-	97,5	104,0	104,0	105,0	110,0	111,0	108,0	113,0	113,0	112,0
54	-	-	-	86,0	-	91,5	94,5	95,0	96,0	98,0	98,5	99,0
58	-	-	-	-	-	-	79,5	80,0	85,0	84,5	85,0	87,0
62	-	-	-	-	-	-	-	-	-	72,0	72,5	77,5
66	-	-	-	-	-	-	-	-	-	60,0	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-

m	66 m			72 m			78 m			84 m		
	SFVL		LFVL	SFVL		LFVL	SFVL		LFVL	SFVL		LFVL
	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°	13°	20°	17,5°
14	297,0	-	277,0	-	-	-	-	-	-	-	-	-
15	296,0	-	277,0	259,0	-	-	-	-	-	-	-	-
16	295,0	284,0	277,0	259,0	252,0	245,0	219,0	211,0	205,0	194,0	-	181,0
18	293,0	282,0	277,0	258,0	250,0	245,0	217,0	211,0	205,0	192,0	187,0	181,0
20	291,0	280,0	277,0	257,0	249,0	245,0	215,0	209,0	205,0	190,0	185,0	181,0
22	282,0	277,0	275,0	254,0	247,0	245,0	213,0	207,0	205,0	189,0	183,0	181,0
24	270,0	267,0	262,0	246,0	242,0	240,0	211,0	205,0	204,0	186,0	182,0	181,0
26	253,0	254,0	249,0	239,0	235,0	232,0	208,0	203,0	202,0	183,0	179,0	179,0
28	231,0	232,0	236,0	229,0	229,0	224,0	205,0	200,0	199,0	179,0	176,0	177,0
30	218,0	216,0	218,0	210,0	211,0	215,0	202,0	197,0	197,0	176,0	172,0	175,0
34	187,0	187,0	188,0	185,0	182,0	185,0	178,0	179,0	184,0	165,0	164,0	168,0
38	161,0	162,0	164,0	160,0	160,0	162,0	154,0	155,0	158,0	149,0	149,0	154,0
42	141,0	142,0	144,0	140,0	140,0	142,0	135,0	135,0	138,0	132,0	133,0	136,0
46	125,0	125,0	128,0	123,0	124,0	126,0	122,0	122,0	122,0	116,0	117,0	120,0
50	112,0	112,0	112,0	110,0	110,0	112,0	108,0	108,0	110,0	104,0	104,0	107,0
54	99,5	100,0	100,0	98,0	98,5	100,0	95,5	96,0	99,0	92,0	92,5	96,5
58	87,0	87,5	90,0	86,5	87,0	89,0	85,0	85,5	89,0	82,0	82,0	86,5
62	75,5	76,0	80,0	76,0	76,5	80,0	75,0	75,5	80,5	73,0	73,5	78,0
66	65,0	65,0	70,0	66,0	66,5	71,5	66,0	66,5	71,5	64,5	65,0	70,0
70	54,5	-	60,0	57,0	57,5	62,5	58,0	58,0	63,5	57,0	57,0	62,0
74	-	-	-	48,7	-	53,5	50,0	50,5	55,5	49,8	50,0	55,0
78	-	-	-	-	-	-	42,9	43,1	48,1	43,0	43,3	48,3
82	-	-	-	-	-	-	35,5	-	-	36,6	36,8	41,8
86	-	-	-	-	-	-	-	-	-	30,3	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-










600 TONNE Demag TC2800-1

# 600 TONNE

## Demag TC2800-1 Truck Crane

### RATED LIFTING CAPACITY

#### SFVL / LFVL

 160 t  11-15 m  0-300 t  12 m  14 m x 14 m  360°  9.8 m/s  ISO						
	90 m			96 m		
	SFVL		LFVL	SFVL		LFVL
	13°	20°	17,5°	13°	20°	17,5°
m	t	t	t	t	t	t
16	145,0	-	-	-	-	-
17	145,0	-	145,0	128,0	-	129,0
18	145,0	141,0	145,0	128,0	124,0	129,0
20	142,0	139,0	142,0	125,0	124,0	127,0
22	142,0	138,0	140,0	123,0	121,0	124,0
24	142,0	138,0	137,0	122,0	119,0	122,0
26	142,0	138,0	134,0	122,0	119,0	119,0
28	140,0	137,0	132,0	121,0	119,0	116,0
30	139,0	135,0	129,0	119,0	117,0	114,0
34	135,0	132,0	123,0	116,0	114,0	108,0
38	129,0	127,0	117,0	112,0	110,0	102,0
42	123,0	121,0	111,0	108,0	106,0	97,5
46	108,0	108,0	105,0	103,0	101,0	92,0
50	97,5	96,5	99,0	93,0	94,0	87,0
54	88,5	89,0	92,5	82,0	83,0	82,0
58	79,0	79,0	84,5	75,0	75,0	77,0
62	70,5	71,0	76,0	66,5	67,0	72,0
66	62,5	63,0	68,0	59,5	59,5	65,0
70	55,0	55,5	60,5	52,5	53,0	58,0
74	48,6	48,9	54,0	46,3	46,6	51,5
78	42,3	42,6	47,7	40,4	40,7	45,9
82	36,4	36,7	41,7	34,9	35,2	40,3
86	30,8	31,0	36,0	29,8	30,0	35,1
90	25,3	-	30,5	24,8	25,0	30,0
94	-	-	-	20,0	-	25,1



## NOTES TO LIFTING CAPACITY

Ratings are in compliance with ISO 4305.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Consult operation manual for further details.

**Note:** Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes. Crane operation is subject to the computer charts and operation manual both supplied with the crane.

In some instances the superlift counterweight does not lift off the ground with the indicated load.