



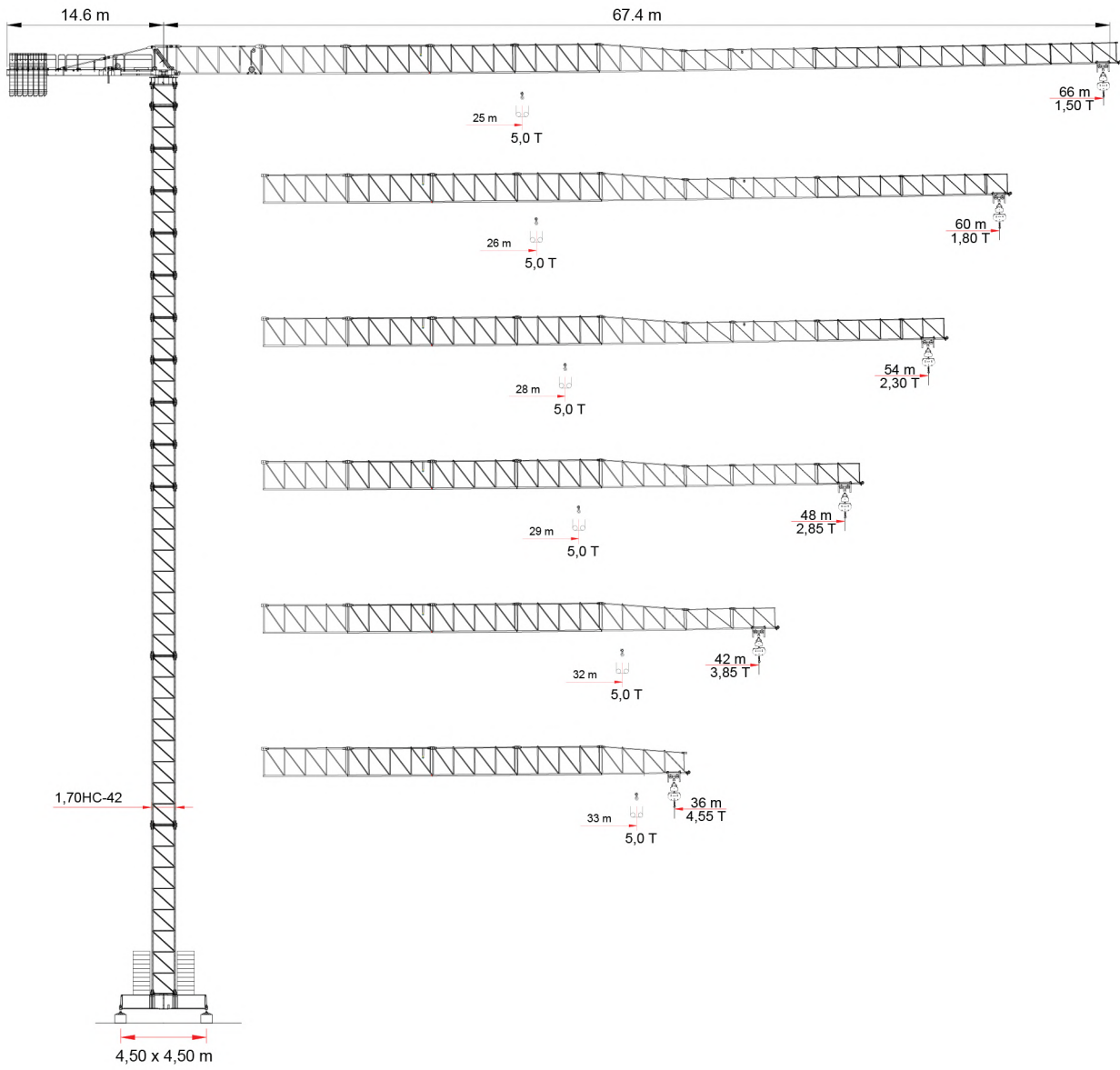
GRT 6615(10T)

TEKNİK KATALOG - TECHNICAL DATASHEET

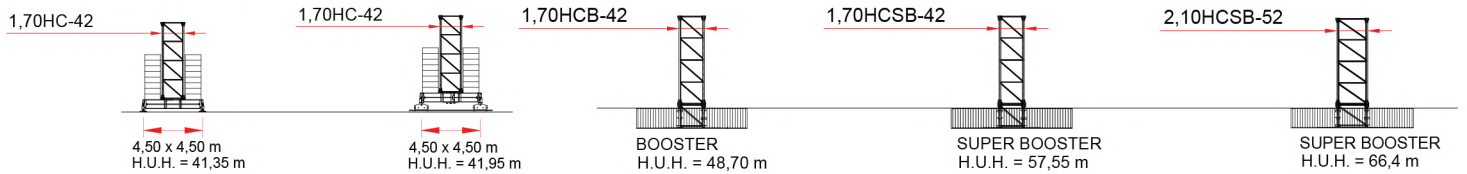


5000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER

5000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS



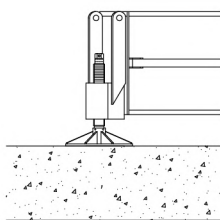
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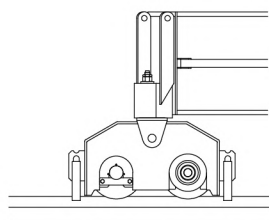
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B 3

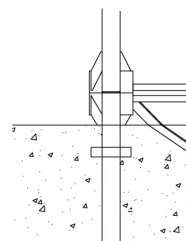
T 4



B2




B3



T4

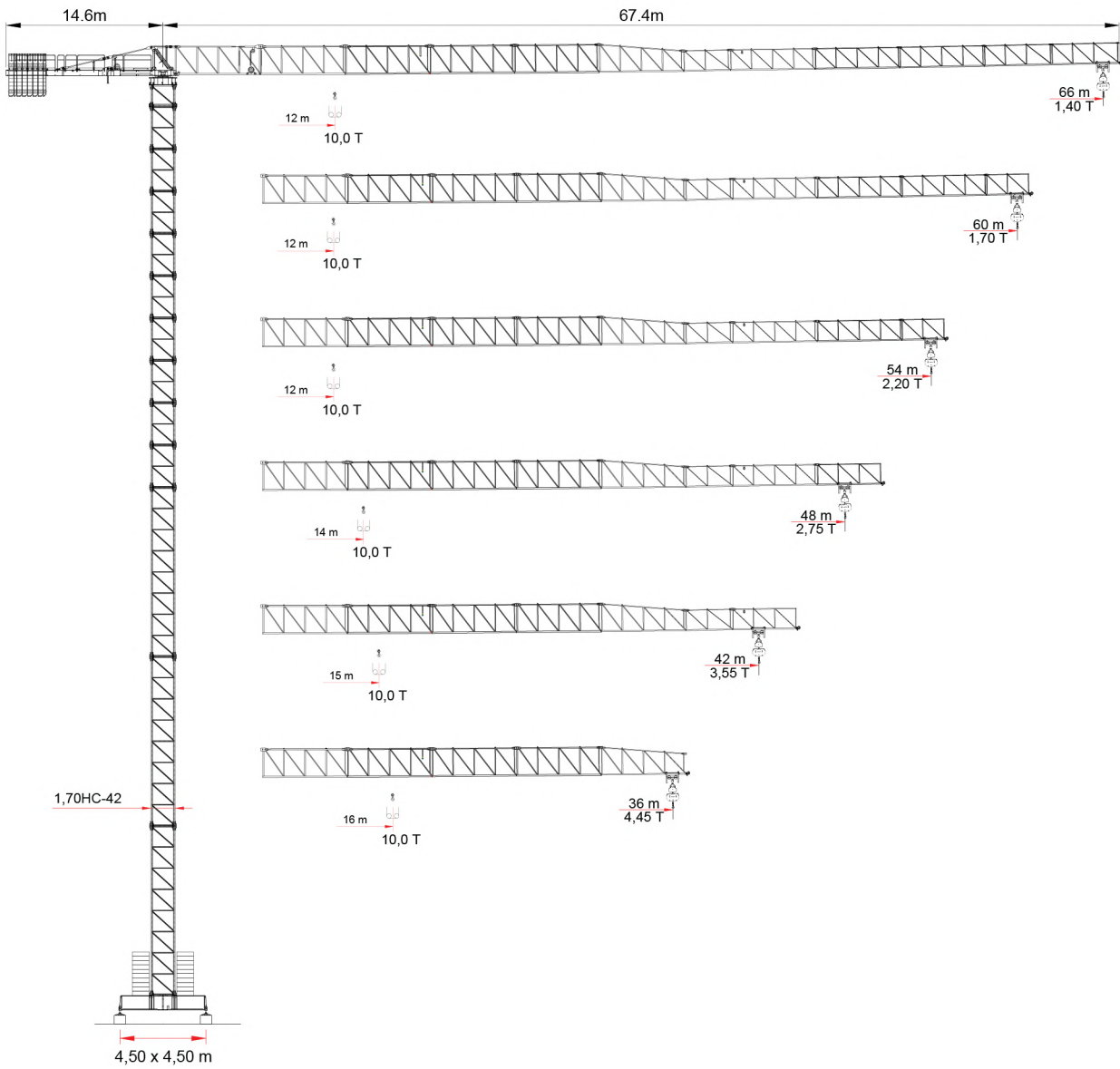
5000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

5000KG. II ROPE REAR - LOAD DIAGRAMS

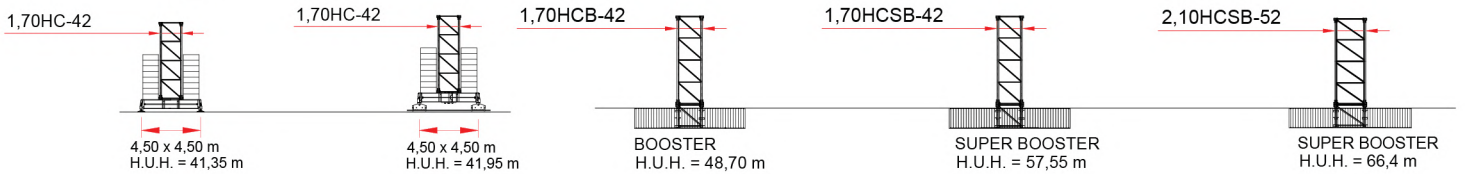
BOM - JIB (m)	66	60	54	48	42	36
MAX YÜK - MAX LOAD (m)	25	26	28	30	32	33
Radius (m)	 5000 Kg					
12	5000	5000	5000	5000	5000	5000
13	5000	5000	5000	5000	5000	5000
14	5000	5000	5000	5000	5000	5000
15	5000	5000	5000	5000	5000	5000
16	5000	5000	5000	5000	5000	5000
17	5000	5000	5000	5000	5000	5000
18	5000	5000	5000	5000	5000	5000
19	5000	5000	5000	5000	5000	5000
20	5000	5000	5000	5000	5000	5000
21	5000	5000	5000	5000	5000	5000
22	5000	5000	5000	5000	5000	5000
23	5000	5000	5000	5000	5000	5000
24	5000	5000	5000	5000	5000	5000
25	5000	5000	5000	5000	5000	5000
26	4900	5000	5000	5000	5000	5000
27	4730	4835	5000	5000	5000	5000
28	4500	4670	5000	5000	5000	5000
29	4380	4460	4885	5000	5000	5000
30	4100	4310	4720	5000	5000	5000
31	3990	4100	4490	4870	5000	5000
32	3840	3990	4370	4640	5000	5000
33	3725	3810	4190	4500	4860	5000
34	3570	3710	4070	4320	4680	4860
35	3465	3575	3905	4210	4495	4710
36	3330	3460	3800	4040	4380	4550
37	3215	3320	3650	3900	4240	
38	3110	3240	3560	3790	4110	
39	3025	3125	3415	3675	3920	
40	2920	3040	3350	3560	3860	
41	2845	2940	3230	3460	3745	
42	2750	2870	3150	3350	3650	
43	2680	2765	3045	3250		
44	2590	2700	2980	3170		
45	2520	2615	2895	3090		
46	2450	2550	2820	3000		
47	2370	2475	2735	2910		
48	2310	2420	2670	2850		
49	2240	2345	2600			
50	2190	2290	2540			
51	2125	2225	2480			
52	2080	2180	2410			
53	2015	2115	2350			
54	1980	2070	2300			
55	1925	2010				
56	1880	1970				
57	1835	1925				
58	1800	1880				
59	1745	1830				
60	1710	1800				
61	1665					
62	1640					
63	1595					
64	1560					
65	1535					
66	1500					

10000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER

10000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS



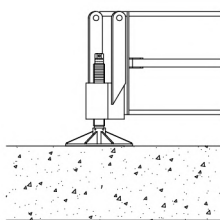
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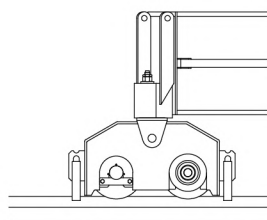
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B 3

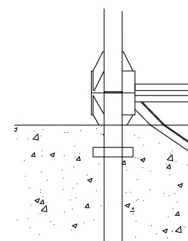
T 4



B 2




B 3



T 4

10000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

10000KG. II ROPE REAR - LOAD DIAGRAMS

BOM - JIB (m)	66	60	54	48	42	36
MAX YÜK - MAX LOAD (m)	12	12	12	14	15	16
Radius (m)	 10000 Kg					
12	10000	10000	10000	10000	10000	10000
13	9390	9510	9790	10000	10000	10000
14	8700	9200	9610	10000	10000	10000
15	8360	8560	8705	8900	10000	10000
16	8000	8120	8200	8500	9505	10000
17	7480	7660	7800	8320	9050	9800
18	7070	7210	7640	7960	8540	9510
19	6755	6950	7510	7705	8300	9200
20	6540	6790	7410	7560	8000	8200
21	6205	6390	6980	7240	7820	8000
22	5850	6080	6640	7030	7600	7870
23	5575	5700	6280	6605	7280	7560
24	5280	5490	6010	6360	6880	7130
25	5040	5200	5700	6000	6595	6955
26	4800	5000	5470	5800	6270	6510
27	4630	4735	5200	5495	6025	6215
28	4400	4570	5010	5320	5760	5970
29	4280	4360	4785	5020	5545	5730
30	4000	4210	4620	4900	5310	5510
31	3890	4000	4390	4770	5150	5265
32	3740	3890	4270	4540	4920	5110
33	3625	3710	4090	4400	4760	4900
34	3470	3610	3970	4220	4580	4760
35	3365	3475	3805	4110	4395	4610
36	3230	3360	3700	3940	4280	4450
37	3115	3220	3550	3800	4140	
38	3010	3140	3460	3690	4010	
39	2925	3025	3315	3575	3820	
40	2820	2940	3250	3460	3760	
41	2745	2840	3130	3360	3645	
42	2650	2770	3050	3250	3550	
43	2580	2665	2945	3150		
44	2490	2600	2880	3070		
45	2420	2515	2795	2990		
46	2350	2450	2720	2900		
47	2270	2375	2635	2810		
48	2210	2320	2570	2750		
49	2140	2245	2500			
50	2090	2190	2440			
51	2025	2125	2380			
52	1980	2080	2310			
53	1915	2015	2250			
54	1880	1970	2200			
55	1825	1910				
56	1780	1870				
57	1735	1825				
58	1700	1780				
59	1645	1730				
60	1610	1700				
61	1565					
62	1540					
63	1495					
64	1460					
65	1435					
66	1400					

KANCA ÖZELLİKLERİ

HOOK FEATURES

ÇELİK HALAT ÖZELLİKLERİ - STEEL ROPE SPECIFICATIONS				
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)		14		
HALAT (Tip) - ROPE (Type)		Anti-twisting		
HALAT TİPİ - ROPE TYPE		Çelik - Steel		
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)		126		
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)		161		
TAMBUR ÖZELLİKLERİ - DRUM FEATURES				
OLUK BOŞLUĞU - GUTTER GAP (mm)		14,5		
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)		300/550		
HIZ ÖZELLİKLERİ - SPEED FEATURES				
Hızlar Speeds	2'li Donanım - Two Falls		4'lü Donanım - Four Falls	
	Kg	m/dk - m/min	Kg	m/dk - m/min
1	5000	7,28	10000	3,64
2	5000	36,40	10000	18,20
3	2500	57,60	5000	28,80
4	1500	79,20	3000	39,6
KANCA MOTOR VE REDÜKTÖR ÖZELLİKLERİ				
MOTOR TİPİ - ENGINE TYPE		ASENKRON		
MOTOR GÜCÜ - ENGINE POWER		37 Kw / 50,32 Hp		
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED		1467 rpm		
REDÜKTÖR TİPİ - REDUCER TYPE		BPH320K		
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE		i= 40,37		
KANCA FRENİ (MANYETİK) - HOOK BRAKE (MAGNETIC)		20 VDC / 180 VDC / 400 Nm		

DÖNÜŞ ÖZELLİKLERİ

ROTATION FEATURES

DÖNÜŞ MOTORU VE REDÜKTÖR ÖZELLİKLERİ - ROTATION MOTOR AND REDUCER FEATURES				
MOTOR TİPİ - ENGINE TYPE		ASENKRON		
MOTOR GÜCÜ - ENGINE POWER		2X80 Nm		
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED		1300 rpm		
REDÜKTÖR TİPİ - REDUCER TYPE		TCS3065DC		
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE		i= 164,52		
VİNÇ DÖNÜŞ HIZI - CRANE ROTATION SPEED				
1. VİTES - 1st GEAR	(15 VDC)	4,15 dk-min/360°		
2. VİTES - 2nd GEAR	(7,5 VDC)	1,40 dk-min/360°		
3. VİTES - 3rd GEAR	(0 VDC)	1,23 dk-min/ 360°		
FREN ÖZELLİKLERİ - BRAKE FEATURES				
MANYETİK - MAGNETIC		20 VDC / 150 Nm		
ROLANTİSÖR - ROLANTISOR		0-20 VDC		








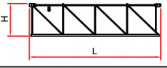


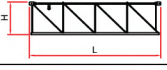
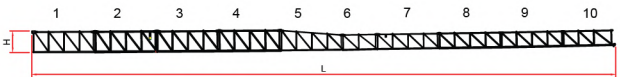
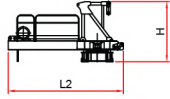

ŞARYO ÖZELLİKLERİ

PLAIN TROLLEY FEATURES

ŞARYO HALATI ÖZELLİKLERİ - TROLLEY ROPE FEATURES				
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)	8			
HALAT (Tip) - ROPE (Type)	Anti-twisting			
HALAT TİPİ - ROPE TYPE	Çelik - Steel			
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)	34,71			
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)	43,55			
TAMBUR ÖZELLİKLERİ - DRUM FEATURES				
OLUK BOŞLUĞU - GUTTER GAP (mm)	8,5			
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)	408			
HIZ ÖZELLİKLERİ - SPEED FEATURES				
Hızlar Speeds	2'li Donanım - Two Falls		4'lü Donanım - Four Falls	
	Kg	m/dk - m/min	Kg	m/dk - m/min
1	10000	11	5000	11
2	1000	48	5000	48
3	5000	82	2500	82
ŞARYO MOTOR VE REDÜKTÖR ÖZELLİKLERİ - TRANSPORTATION MOTOR AND REDUCER SPECIFICATIONS				
MOTOR TİPİ - ENGINE TYPE	ASENKRON			
MOTOR GÜCÜ - ENGINE POWER	5,5 Kw / 7,5 Hp			
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1456 rpm			
REDÜKTÖR TİPİ - REDUCER TYPE	PLANET			
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 40			
ŞARYO FRENİ (MANYETİK) - TROLLEY BRAKE (MAGNETIC)	20 VDC / 180 VDC			
YÜRÜYÜŞ MOTORU VE REDÜKTÖR ÖZELLİKLERİ - TRAVEL MOTOR AND REDUCER FEATURES				
MOTOR TİPİ - ENGINE TYPE	ASENKRON			
MOTOR GÜCÜ - ENGINE POWER	2x3 Kw / 5,4 Hp			
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1445 rpm			
REDÜKTÖR TİPİ - REDUCER TYPE	KR473.00			
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 25,15			
YÜRÜYÜŞ HIZI (10 Hz) - WALKING SPEED (10 Hz)	0,16 m/min			
VİNÇ OTOMASYON PANELİ ÖZELLİKLERİ - CRANE AUTOMATION PANEL FEATURES				
30-37 Kw KANCA SÜRÜCÜSÜ - 30-37 Kw HOOK DRIVE	SCHNEIDER			
5,5 Kw ŞARYO SÜRÜCÜSÜ - 5.5 KW TROLLEY DRIVE	SCHNEIDER			
PLC	SCHNEIDER			
KONTAKTÖR - CONTACTOR	SCHNEIDER			
DÖNÜŞ KARTI - RETURN CARD	TGM			


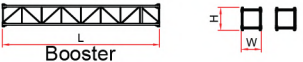
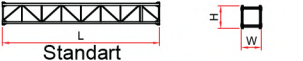


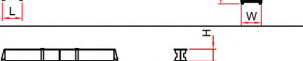
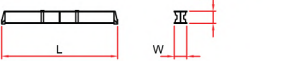
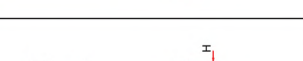
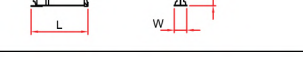



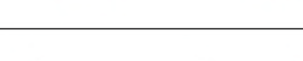
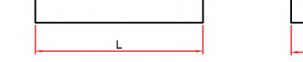
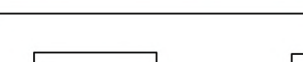
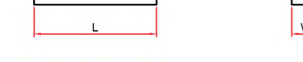
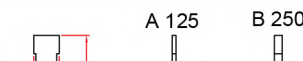


EKİPMAN TEKNİK VERİLERİ

EQUIPMENT TECHNICAL DATA

Parça Piece	Açıklama Explanation	Çizim Drawing	Boyutlar Dimensions			Ağırlık Weight (Kg)	
			L	W	H	Birim	Top.
1	Bomlar - Jibs	0 	11.80	1.370	2.600	5096	5096
1		1 	6.190	1.150	2.330	1176	1176
1		2 	6.185	1.150	2.290	948	948
1		3 	6.145	1.150	2.300	884	884
1		4 	6.120	1.150	2.250	754	754
1		5 	6.125	1.150	2.225	672	672
1		6 	6.090	1.150	1.915	528	528
1		7 	6.055	1.150	1.890	486	486
1		8 	6.035	1.150	1.890	356	356
1		9 	6.020	1.150	1.870	362	362
1		10 	6.000	1.150	1.870	338	338
BOM JIB			66 m 60 m 54 m 48 m 42 m 36 m	67.4 61.5 55.6 49.7 43.8 37.9	1.370 1.370 1.370 1.370 1.370 1.370	2.600 2.600 2.600 2.600 2.600 2.600	6504 6166 5804 5448 4962 4434
1	Kuyruk Tablası, Kanca Motoru, Elektrik Panosu vs. Tail Table, Hook Motor, Electrical Panel etc.		2.180	2.000	2.060	5326	5326
1	Kuyruk - Tail		11.040	2.070	1.500	4810	4810

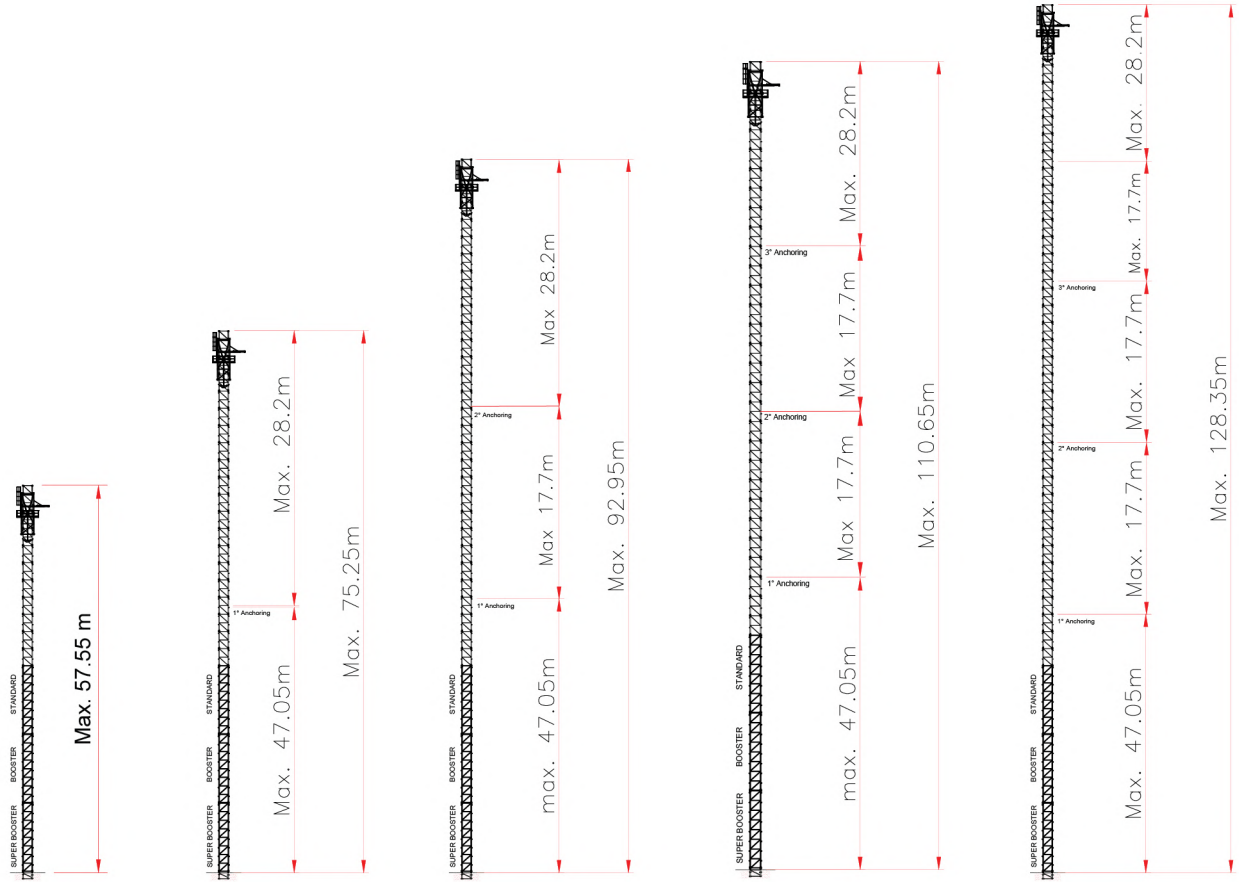
EKİPMAN TEKNİK VERİLERİ

EQUIPMENT TECHNICAL DATA

Parça Piece	Açıklama Explanation	Çizim Drawing	Boyutlar Dimensions			Ağırlık Weight (Kg)		
			L	W	H	Birim	Top.	
1	Mast - Tower Element		11.80	1.867	1.867	5882	5882	
			11.80	1.867	1.867	5322	5322	
			11.80	1.867	1.867	4182	4182	
			2.95	1.867	1.867	1365	1365	
			1.50	1.867	1.867	920	920	
			1.50	1.963	1.963	890	890	
1	Şase Uzun Kol - Chassis Long Arm		4,5x4,5mt	6.530	0.710	0.760	2795	2795
			6,0x6,0mt	8.645	0.780	0.960	3475	3475
2	Şase Kısa Kol - Chassis Short Arm		4,5x4,5mt	3.200	0.590	0.770	1367.5	2735
			6,0x6,0mt	4.323	0.680	0.974	1745	3490
2	Yürüyüş Takımı Motorsuz Undercarriage Without Motor			1.140	0.273	0.543	505	1010
2	Yürüyüş Takımı Motorlu Undercarriage Motorized			1.204	0.605	0.543	605	1210
22	Şase Taşı - Chassis Stone (Z 590)			4300	0.50	1.200	5889	106000
4	Destek Bloğu - Support Block			3.60	0.80	0.60	3925	15700
3 5	Kuyruk Taşı - Tail Stone		A 125	3.000	0.185	1.200	1250	2500
			B 250	3.000	0.370	1.200	2500	12500
1	Kabin - Cabin			2.749	2.10	2.289	850	850
 <p>STANDART TIR TANDARD TRUCK</p>		 <p>40 KAPALI KONTEYNER 40 CLOSED CONTAINER</p>		<p>Şase Ve Taşı Tır Sayısı - Number of Trucks with Chassis and Stones = 13 Ankrajlı Tır Sayısı - Number of Anchored Trucks = 9</p> <p>Şase Ve Taşsız Konteyner Sayısı - Number of Containers with Chassis and Without Stone = 10 Ankrajlı Konteyner Sayısı - Number of Anchored Containers = 10</p>				

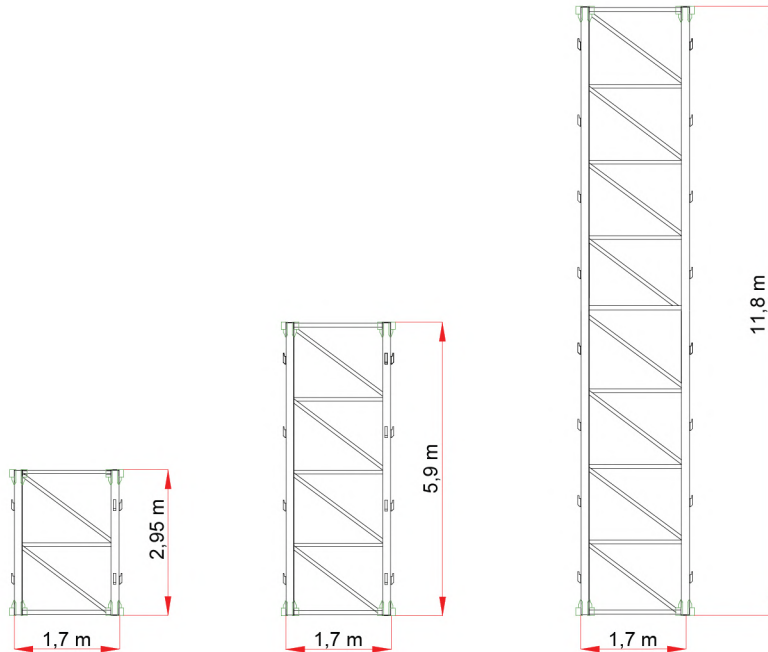
STANDART KURULUM YÜKSEKLİKLERİ

STANDARD INSTALLATION HEIGHTS



KULE ELEMANLARI TİP 1, 720HC-42

TOWER ELEMENTS TYPE 1, 70HC-42



BESLEME KABLOSU ÖZELLİKLERİ

SUPPLY CABLE SPECIFICATIONS

Kaldırma Gücü Lifting Power	Üç Kutup Artı Topraklama Kablosu İçin Tek Kablo Kesiti (mm ²) Single Cable Cross Section for Three Pole Plus Ground Cable (mm ²)					
	0-30m	30-50m	50-100m	100-200m	200-300m	300-400m
65,5 Kw	3X25+16 TTR	3X35+16 TTR	3X50+25 TTR	3X70+35 TTR	3X95+50 TTR	3X120+70 TTR
Besleme Gerilimi 380-400 VAC ± %5 - Supply Voltage 380-400 VAC ± 5%						
Haber Vermeden Değişirme Hakkımız Saklıdır. We reserve the right to change without notice.						
Trafo / Besleme İstasyonundan Vinç Elektrik Panosuna Kadar Ölçülen Kablo Uzunluğu. Measured Cable Length from Transformer / Supply Station to Crane Electrical Panel.						

GÜÇ KAYNAĞI

POWER SOURCE

Besleme Gerilimi Supply voltage	380 - 50Hz
Kaldırma Tipi 40-VF8 ile Versiyon Version with Lifting Type 40-VF8	
Toplam Güç (Yürüyüş Sistemi Olmadan) Total Power (Without Drive System)	65,5 Kw
Toplam Güç (Yürüyüş Sistemi İle) Total Power (With Drive System)	71,5 Kw
Termal Koruma Thermal Protection	160A
Diferansiyel Koruma Differential Protection	id=30ma
Jeneratör (Gerekli Olduğu Durumlarda) Generator (When Necessary)	235 KWA

YEDEK PARÇALAR

SPARE PARTS



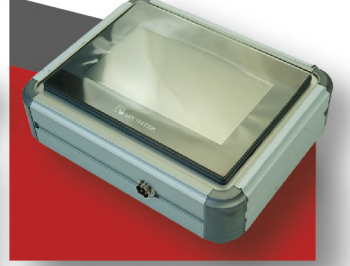
KANCA - HOOK



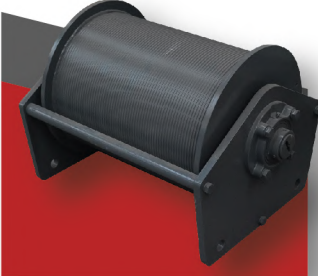
HALAT - ROPE



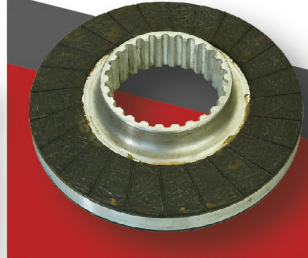
TAKİP SİSTEMİ - TRACKING SYSTEM



GÖSTERGE EKRANI - DASHBOARD



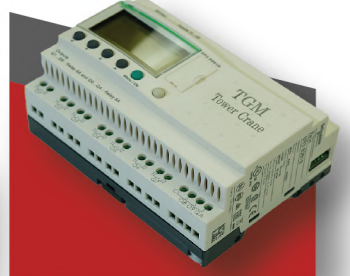
TAMBUR - DRUM



BALATA - BRAKE PAD



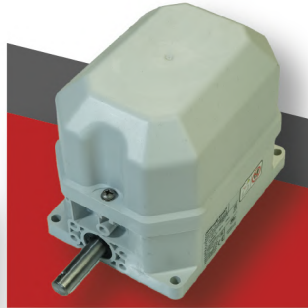
TUR SWITCH - TOUR SWITCH



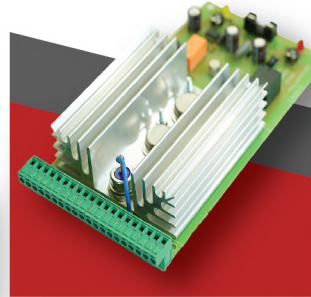
PLC MODÜL - PLC MODULE



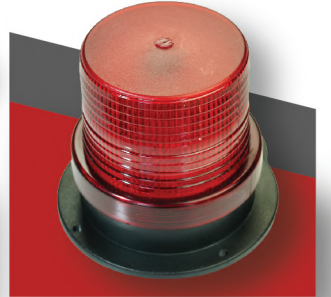
JOYSTİK - JOYSTICK



KANCA SWITCH - HOOK SWITCH



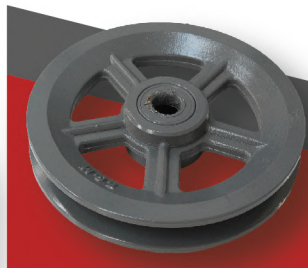
DÖNÜŞ KARTI - RETURN CARD



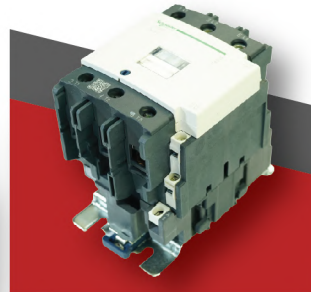
TEPE İKAZ LAMBASI - WARNING LAMP



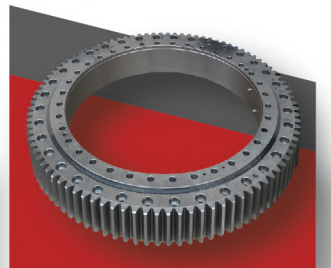
RÜZGAR GÜLÜ - WIND ROSE



MAKARA - PULLEY



KONTAKTÖR - CONTACTOR



GÖBEK DİŞLİSİ - HUB GEAR

TGM Kalitesi ile üretilen daha bir çok yedek parça envanterimizde bulunmaktadır. İhtiyaç doğrultusunda yedek parça temini tarafımızca güvenle ve sorunsuz sağlanmaktadır.

Many more spare parts produced with TGM Quality are available in our warehouse. Spare parts are supplied by us in case of need and are offered without any problems.

İHRACAT EXPORT

Ürettiği sağlam ve güvenilir kule vinçlerle Dünya pazarına açılan TGM Kule Vinç kendi alanında ülkede ve Dünyada sayılı markalar arasında yer almaktadır. Milli değerlere verdiği önemle üretilen kule vinçler ile bir çok ülkedeki inşaat projelerine yaptığı satışlarla ülke ekonomisine katkı sağlamaktadır. Türkiye'nin yarınlarını inşa eden TGM Kule Vinç Dünyada'da bu alanda tercih edilen markalar arasında yer almaktadır.

TGM Tower Crane, which opened to the world market with the robust and reliable tower cranes it produces, is among the few brands in its field in the country and in the world. It contributes to the country's economy by selling tower cranes to construction projects in many countries with the importance it attaches to national values. TGM Tower Crane, which is building Turkey's future, is among the preferred brands in this field in the world.

TÜRKİYE'NİN DÜNYA'YA AÇILAN PENCERESİ TURKEY'S WINDOW TO THE WORLD



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GEORGIA



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ÖZBEKİSTAN
UZBEKISTAN



AZERBAYCAN
AZERBAIJAN





ADRES: Merkez Mahallesi, Zafer Caddesi, No: 12 / 2-1 Gümüşova/Düzce/TÜRKİYE

MAIL: info@tgmkulevinc.com.tr

TELEFON: +90 (850) 302 0 846

WEB: www.tgmkulevinc.com.tr

