

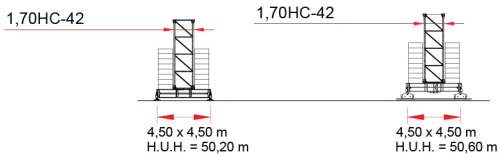
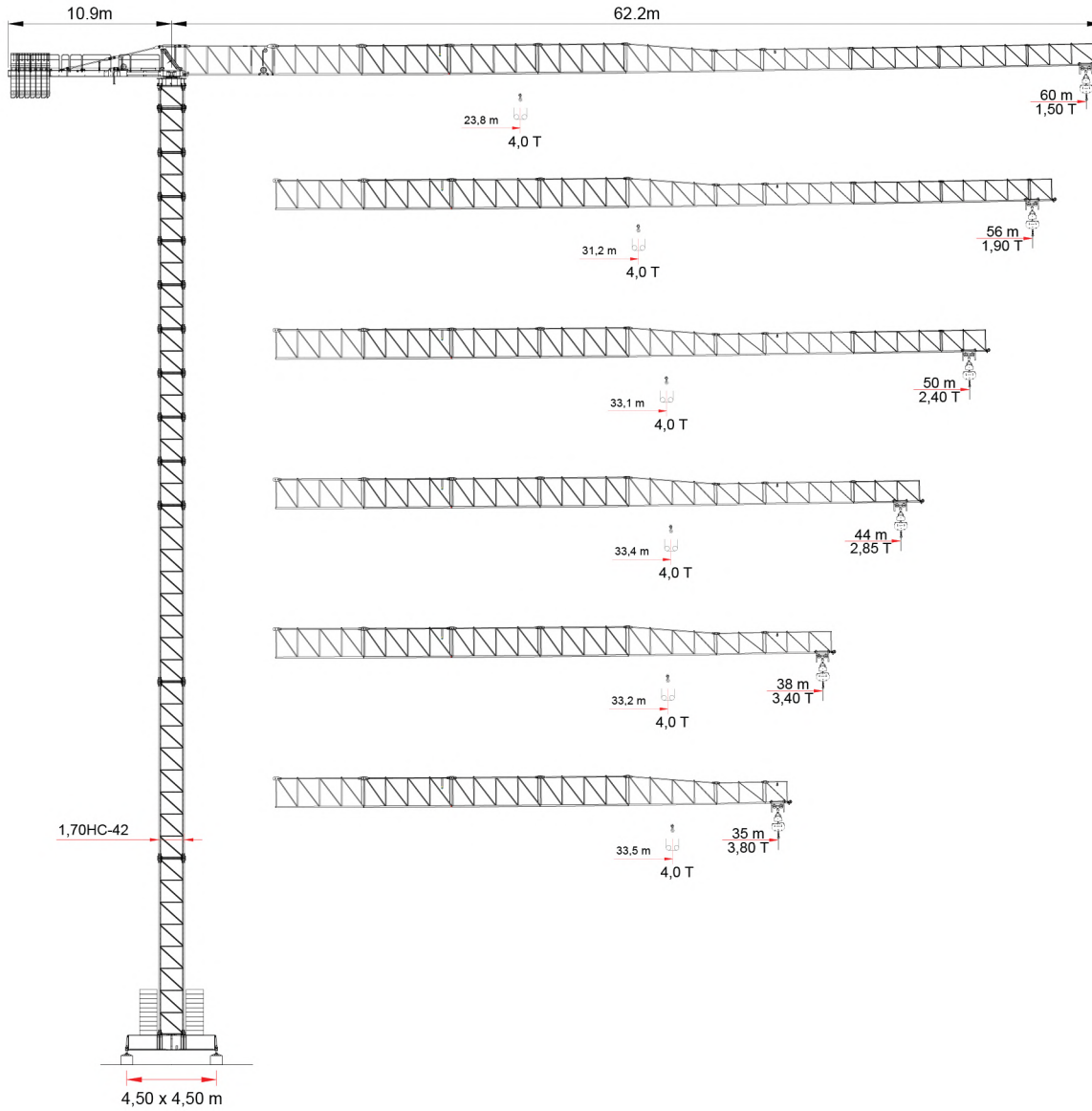
# GRT 6015(8T)

TEKNİK KATALOG - TECHNICAL DATASHEET



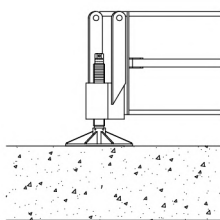
# 4000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER

## 4000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS

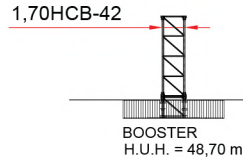


**B 2**

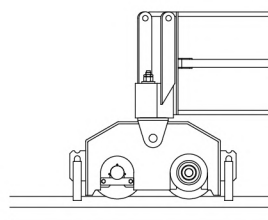
**B 3**



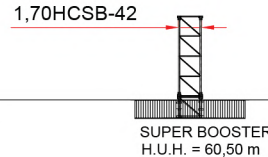
**B2**



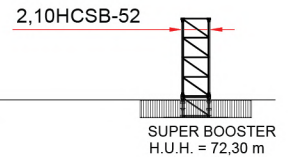
BOOSTER  
H.U.H. = 48,70 m



**B3**

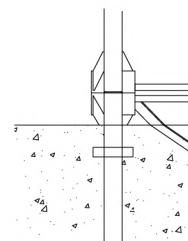


SUPER BOOSTER  
H.U.H. = 60,50 m



SUPER BOOSTER  
H.U.H. = 72,30 m


**T4**



**T4**

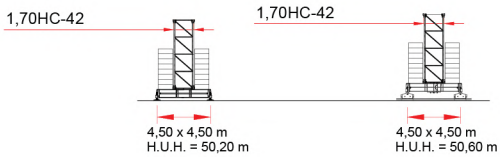
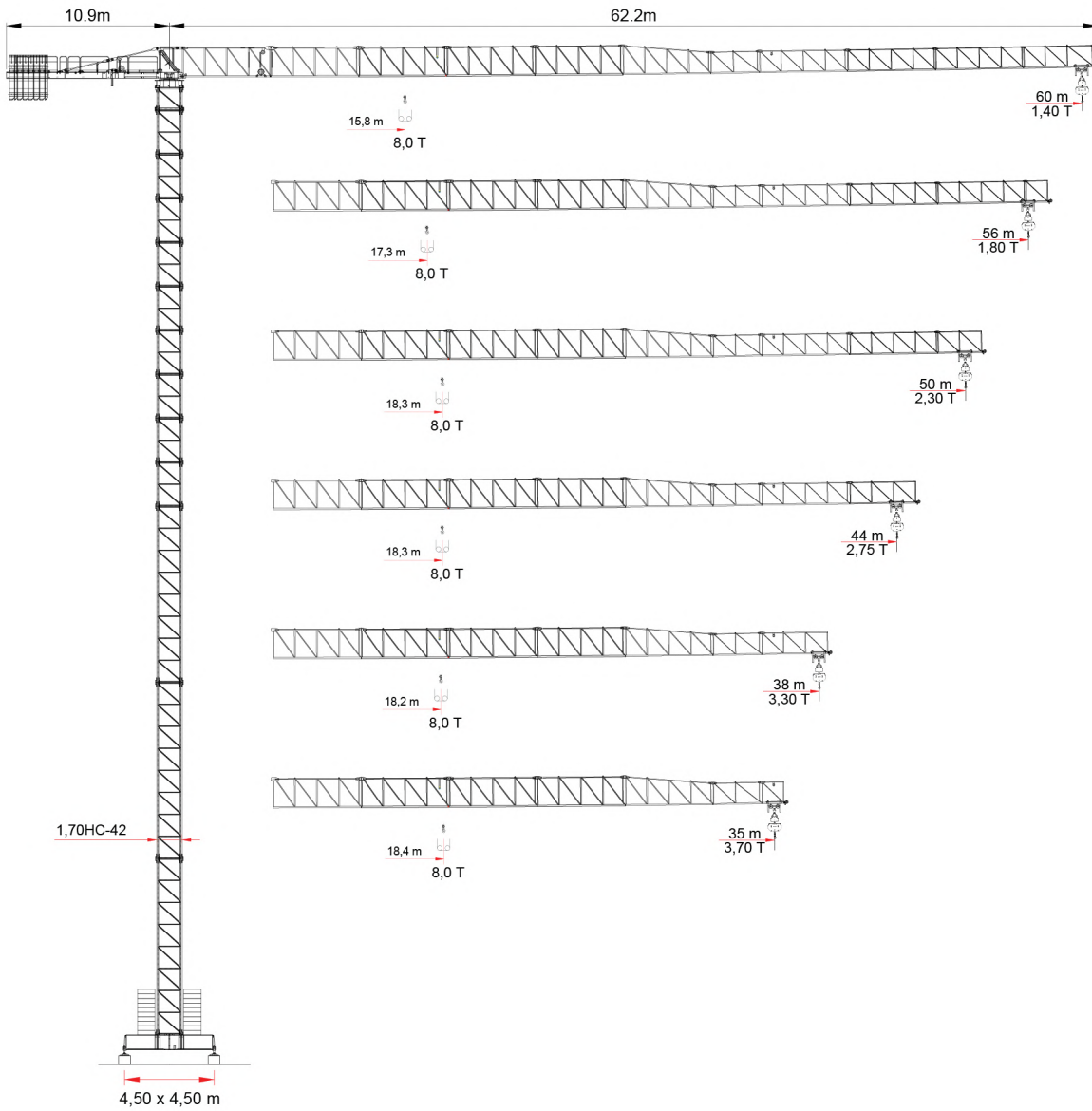
# 4000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

## 4000KG. II ROPE REAR - LOAD DIAGRAMS

BOM - JIB (m)	60	56	50	44	38	35
MAX YÜK - MAX LOAD (m)	28,3	31,2	33,1	33,4	33,2	33,5
Radius (m)	 4000 Kg					
10	4000	4000	4000	4000	4000	4000
11	4000	4000	4000	4000	4000	4000
12	4000	4000	4000	4000	4000	4000
13	4000	4000	4000	4000	4000	4000
14	4000	4000	4000	4000	4000	4000
15	4000	4000	4000	4000	4000	4000
16	4000	4000	4000	4000	4000	4000
17	4000	4000	4000	4000	4000	4000
18	4000	4000	4000	4000	4000	4000
19	4000	4000	4000	4000	4000	4000
20	4000	4000	4000	4000	4000	4000
21	4000	4000	4000	4000	4000	4000
22	4000	4000	4000	4000	4000	4000
23	4000	4000	4000	4000	4000	4000
24	4000	4000	4000	4000	4000	4000
25	4000	4000	4000	4000	4000	4000
26	4000	4000	4000	4000	4000	4000
27	4000	4000	4000	4000	4000	4000
28	4000	4000	4000	4000	4000	4000
29	3884	4000	4000	4000	4000	4000
30	3728	4000	4000	4000	4000	4000
31	3582	4000	4000	4000	4000	4000
32	3446	3876	4000	4000	4000	4000
33	3318	3735	4000	4000	4000	4000
34	3197	3602	3880	3911	3891	3935
35	3084	3477	3746	3777	3757	3800
36	2978	3359	3621	3650	3631	
37	2877	3248	3502	3531	3512	
38	2781	3143	3390	3418	3400	
39	2691	3043	3284	3311		
40	2605	2948	3183	3209		
41	2524	2858	3087	3113		
42	2446	2772	2996	3021		
43	2373	2691	2909	2933		
44	2302	2613	2826	2850		
45	2235	2539	2747			
46	2171	2468	2671			
47	2109	2400	2599			
48	2051	2335	2530			
49	1994	2273	2464			
50	1940	2213	2400			
51	1888	2156				
52	1838	2100				
53	1790	2047				
54	1744	1996				
55	1700	1947				
56	1657	1900				
57	1616					
58	1576					
59	1537					
60	1500					

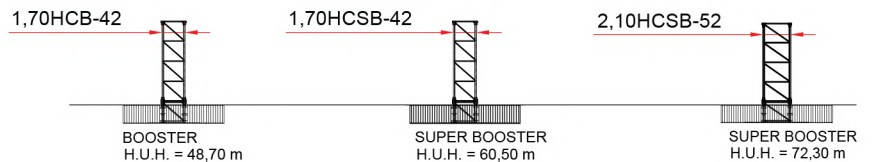
# 8000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER

## 8000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS

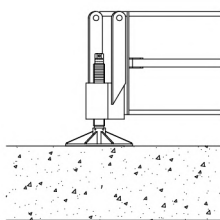


**B 2**

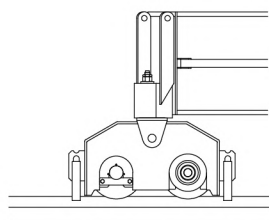
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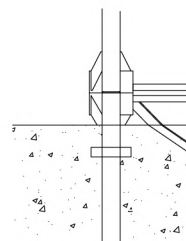
**T 4**



**B2**




**B3**



**T4**

# 8000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

## 8000KG. II ROPE REAR - LOAD DIAGRAMS

BOM - JIB (m)	60	56	50	44	38	35
MAX YÜK - MAX LOAD (m)	15,8	17,3	18,3	18,3	18,2	18,4
Radius (m)	 8000 Kg					
10	8000	8000	8000	8000	8000	8000
11	8000	8000	8000	8000	8000	8000
12	8000	8000	8000	8000	8000	8000
13	8000	8000	8000	8000	8000	8000
14	8000	8000	8000	8000	8000	8000
15	8000	8000	8000	8000	8000	8000
16	7866	8000	8000	8000	8000	8000
17	7327	8000	8000	8000	8000	8000
18	6850	7620	8000	8000	8000	8000
19	6426	7154	7642	7680	7624	7695
20	6047	6736	7199	7235	7182	7249
21	5706	6360	6800	6834	6784	6848
22	5396	6020	6439	6471	6423	6484
23	5115	5711	6111	6141	6096	6154
24	4858	5428	5811	5840	5796	5852
25	4623	5169	5535	5564	5522	5575
26	4406	4930	5282	5309	5269	5320
27	4206	4710	5049	5075	5036	5085
28	4020	4506	4832	4857	4820	4867
29	3848	4316	4631	4655	4619	4665
30	3688	4140	4444	4467	4432	4476
31	3538	3975	4269	4291	4258	4301
32	3398	3821	4105	4127	4095	4136
33	3266	3677	3952	3973	3942	3982
34	3143	3541	3808	3828	3798	3837
35	3027	3413	3672	3692	3662	3700
36	2917	3292	3544	3563	3535	
37	2814	3178	3423	3442	3414	
38	2716	3071	3309	3327	3300	
39	2623	2969	3200	3218		
40	2535	2872	3098	3115		
41	2451	2780	3000	3017		
42	2372	2692	2907	2924		
43	2296	2609	2819	2835		
44	2224	2529	2734	2750		
45	2155	2453	2654			
46	2089	2381	2577			
47	2026	2311	2503			
48	1965	2245	2432			
49	1907	2181	2365			
50	1852	2120	2300			
51	1799	2061				
52	1747	2005				
53	1698	1951				
54	1651	1899				
55	1605	1848				
56	1561	1800				
57	1519					
58	1478					
59	1438					
60	1400					

# KANCA ÖZELLİKLERİ

## HOOK FEATURES

ÇELİK HALAT ÖZELLİKLERİ - STEEL ROPE SPECIFICATIONS				
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)		12		
HALAT (Tip) - ROPE (Type)		Anti-twisting		
HALAT TİPİ - ROPE TYPE		Çelik - Steel		
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)		115		
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)		129		
TAMBUR ÖZELLİKLERİ - DRUM FEATURES				
OLUK BOŞLUĞU - GUTTER GAP (mm)		12,5		
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)		300/450		
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	4000	6	8000	3
2	4000	40	8000	20
3	2500	72	5000	36
4	1500	96	3000	48
KANCA MOTOR VE REDÜKTÖR ÖZELLİKLERİ				
MOTOR TİPİ - ENGINE TYPE		ASENKRON		
MOTOR GÜCÜ - ENGINE POWER		30 Kw / 40 Hp		
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED		1455 rpm		
REDÜKTÖR TİPİ - REDUCER TYPE		BPH318K		
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE		i= 34,40		
KANCA FRENİ (MANYETİK) - HOOK BRAKE (MAGNETIC)		20 VDC / 180 VDC / 330 Nm		

# DÖNÜŞ ÖZELLİKLERİ

## ROTATION FEATURES

DÖNÜŞ MOTORU VE REDÜKTÖR ÖZELLİKLERİ - ROTATION MOTOR AND REDUCER FEATURES				
MOTOR TİPİ - ENGINE TYPE		ASENKRON		
MOTOR GÜCÜ - ENGINE POWER		2X65 Nm		
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED		1400 / 1300 rpm		
REDÜKTÖR TİPİ - REDUCER TYPE		TCS3050DC		
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		







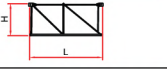

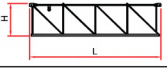


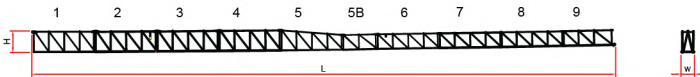
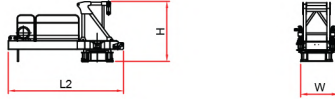
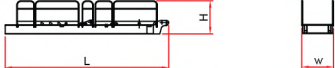
# ŞARYO ÖZELLİKLERİ

## 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	8000	11	4000	11
2	8000	48	4000	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


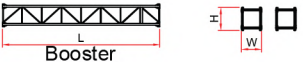
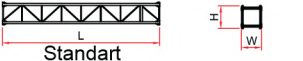


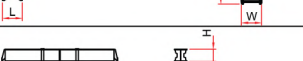
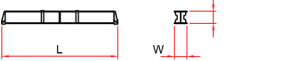
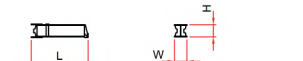


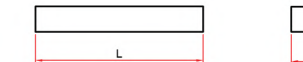



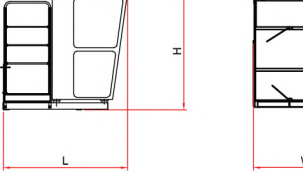


## EQUIPMENT TECHNICAL DATA

Parça Piece	Açıklama Explanation	Çizim Drawing	Boyutlar Dimensions			Ağırlık Weight (Kg)	
			L	W	H	Birim	Top.
1	Bomlar - Jibs	0 	6.218	1.372	2.443	2050	2050
1		1 	6.250	1.150	2.120	960	960
1		2 	6.217	1.150	2.115	890	890
1		3 	6.167	1.150	2.080	702	702
1		4 	6.137	1.150	2.060	557	557
1		5 	6.101	1.150	2.051	508	508
1		5B 	3.158	1.150	1.537	268	268
1		6 	6.090	1.150	1.525	400	400
1		7 	6.070	1.150	1.502	348	348
1		8 	6.032	1.150	1.488	310	310
1		9 	4.750	1.150	1.475	290	290
BOM JIB			60 m 56 m 50 m 44 m 38 m 35 m	62.2 57.5 51.6 45.7 39.9 36.6	1.372 1.372 1.372 1.372 1.372 1.372	2.443 2.443 2.443 2.443 2.443 2.443	5325 5019 4709 4361 3961 3693
1	Kuyruk Tablası, Kanca Motoru, Elektrik Panosu vs. Tail Table, Hook Motor, Electrical Panel etc.		5.085	1.979	2.804	8160	8160
1	Kuyruk - Tail		7.394	1.930	1.430	2230	2230



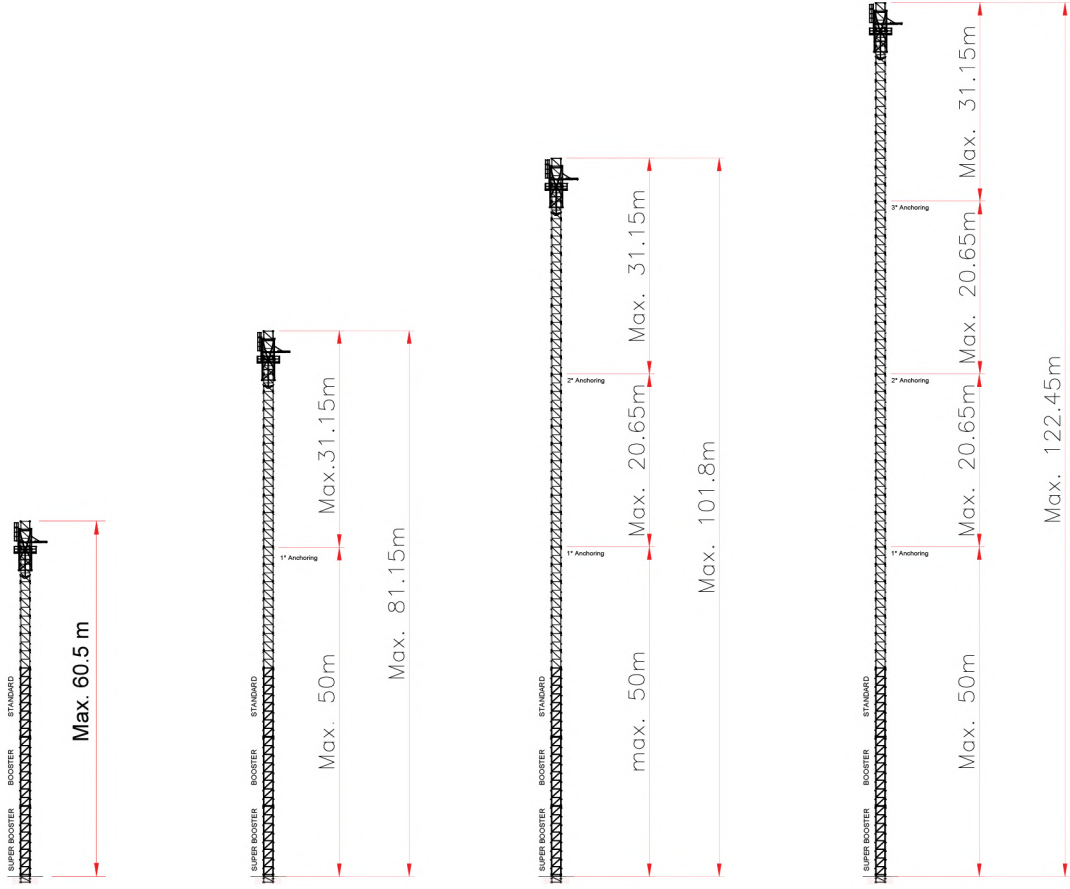
# EKİPMAN TEKNİK VERİLERİ

## 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	6.53	0.710	0.760	2795	2795	
2	Şase Kısa Kol - Chassis Short Arm	 4,5x4,5mt	3.20	0.590	0.770	1367,5	2735	
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	
18	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	A 125	3.000	0.185	1.200	1250	2500
		 B 250	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 = 8 Ankrajlı Tır Sayısı - Number of Anchored Trucks = 6</p>			<p>Şase Ve Taşısız Konteyner Sayısı - Number of Containers with Chassis and Without Stone = 8 Ankrajlı Konteyner Sayısı - Number of Anchored Containers = 8</p>					

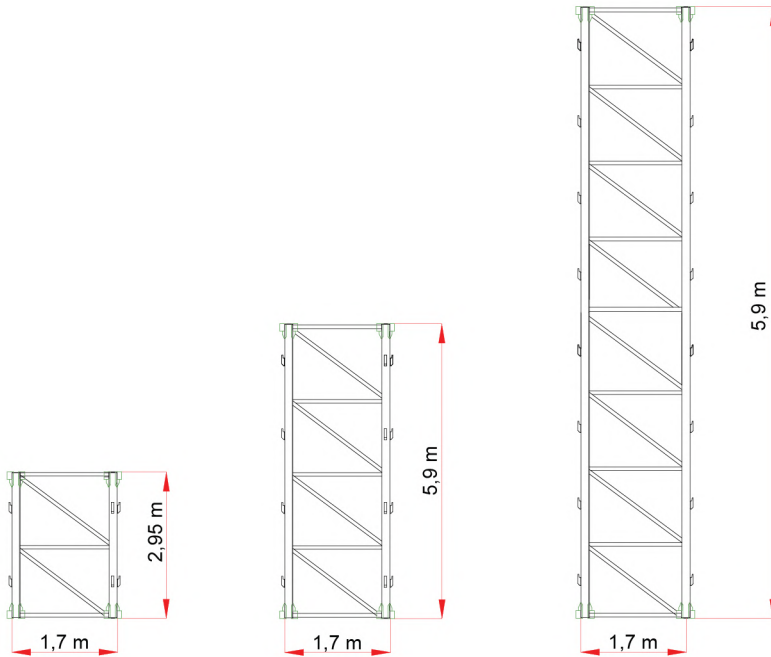
# STANDART KURULUM YÜKSEKLİKLERİ

## STANDARD INSTALLATION HEIGHTS



# KULE ELEMANLARI TİP 1, 70HC-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 <sup>2</sup> ) Single Cable Cross Section for Three Pole Plus Ground Cable (mm <sup>2</sup> )					
	0-30m	30-50m	50-100m	100-200m	200-300m	300-400m
56 Kw	4x16 TTR	3x25+16 TTR	3x35+16 TTR	3x50+25 TTR	3x70+35 TTR	3x95+50 TTR
<b>Besleme Gerilimi 380-400 VAC ± %5</b> - Supply Voltage 380-400 VAC ± 5%						
<b>Haber Vermeden Değişirme Hakkımız Saklıdır.</b> We reserve the right to change without notice.						
<b>Trafo / Besleme İstasyonundan Vinç Elektrik Panosuna Kadar Ölçülen Kablo Uzunluğu.</b> Measured Cable Length from Transformer / Supply Station to Crane Electrical Panel.						

# GÜÇ KAYNAĞI

## POWER SOURCE

<b>Besleme Gerilimi</b> Supply voltage	380V - 50Hz
<b>Kaldırma Tipi 40-VF8 ile Versiyon</b> Version with Lifting Type 40-VF8	
<b>Toplam Güç (Yürüyüş Sistemi Olmadan)</b> Total Power (Without Drive System)	50 Kw
<b>Toplam Güç (Yürüyüş Sistemi İle)</b> Total Power (With Drive System)	56 Kw
<b>Termal Koruma</b> Thermal Protection	125A
<b>Diferansiyel Koruma</b> Differential Protection	id=30ma
<b>Jeneratör (Gerekli Olduğu Durumlarda)</b> Generator (When Necessary)	150 KW

# YEDEK PARÇALAR

## SPARE PARTS



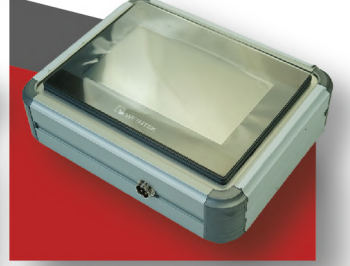
KANCA - HOOK



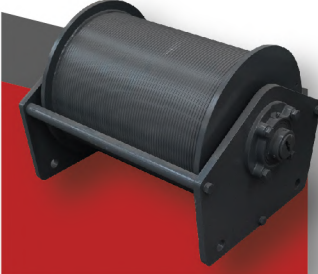
HALAT - ROPE



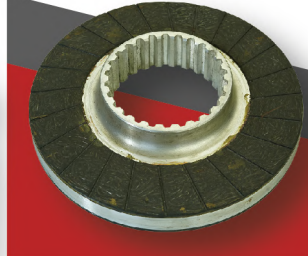
TAKİP SİSTEMİ - TRACKING SYSTEM



GÖSTERGE EKRANI - DASHBOARD



TAMBUR - DRUM



BALATA - BRAKE PAD



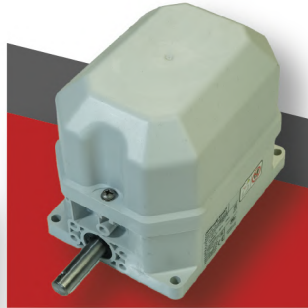
TUR SWITCH - TOUR SWITCH



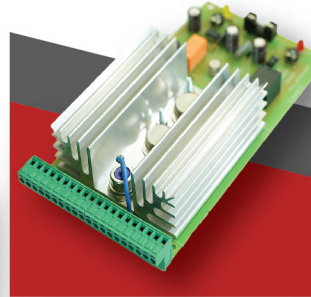
PLC MODÜL - PLC MODULE



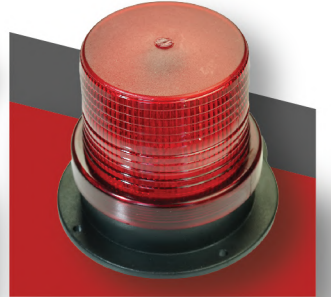
JOYSTİK - JOYSTICK



KANCA SWITCH - HOOK SWITCH



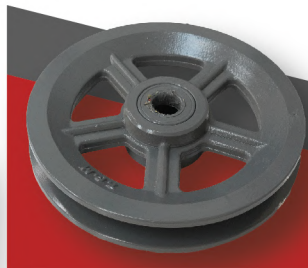
DÖNÜŞ KARTI - RETURN CARD



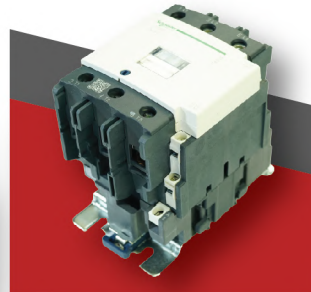
TEPE İKAZ LAMBASI - WARNING LAMP



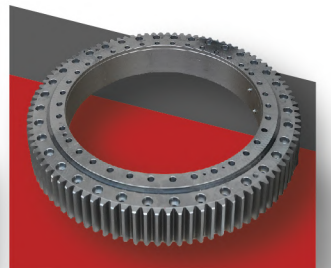
RÜZGAR GÜLÜ - WIND ROSE



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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FRANCE



K.KIBRIS  
N.CYPRUS



SUDAN  
SUDAN



SENEGAL  
SENEGAL



İRAN  
IRAN



UKRAYNA  
UKRAINE



GÜRCİSTAN  
GEORGIA



RUSYA  
RUSSIA



MOZAMBİK  
MOZAMBIQUE



ÖZBEKİSTAN  
UZBEKISTAN



AZERBAYCAN  
AZERBAIJAN





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

**MAIL:** [info@tgmkulevinc.com.tr](mailto:info@tgmkulevinc.com.tr)

**TELEFON:** +90 (850) 302 0 846

**WEB:** [www.tgmkulevinc.com.tr](http://www.tgmkulevinc.com.tr)

