ÜRÜN KATALOĞU
PRODUCT CATALOGUE



TGM®
KULE VİNÇ

TGM®
KULE VİNÇ





Hakkımızda

Tgm Kule Vinç, 2011 yılında Düzce Beyköy Organize Sanayi Bölgesinde üretimine başladığı serüvende bugün, 15.000 m^2 kapalı toplamda 33.000 m^2 alana sahip Düzce Gümüşova Organize Sanayi Bölgesinde, toplam 200'den fazla çalışmakta olan personeli, Yurt içi ve Yurt Dışı olmak üzere satış noktaları, Yurt içi 30'a yakın Tgm Kule Vinç Yetkili Servis Merkezi ile Türkiye' nin 81 ili ve Yurt dışında 11 ülkeye tecrübesi ile hizmet vermektedir.

About Us

In its adventure, where Tgm Tover Crane started its production in Düzce Beyköy Organized Industrial Zone in 2011, today it operates in Düzce Gümüşova Organized Industrial Zone, which has a total area of 33,000 m^2, of which 15,000 m^2 is closed, with a total of more than 200 personnel, domestic and international sales points, and domestic and international sales points. With nearly 30 TGM Tower Crane Authorized Service Centers, it serves 81 provinces of Turkey and 11 countries abroad with its experience.

www.tgmkulevinc.com.tr

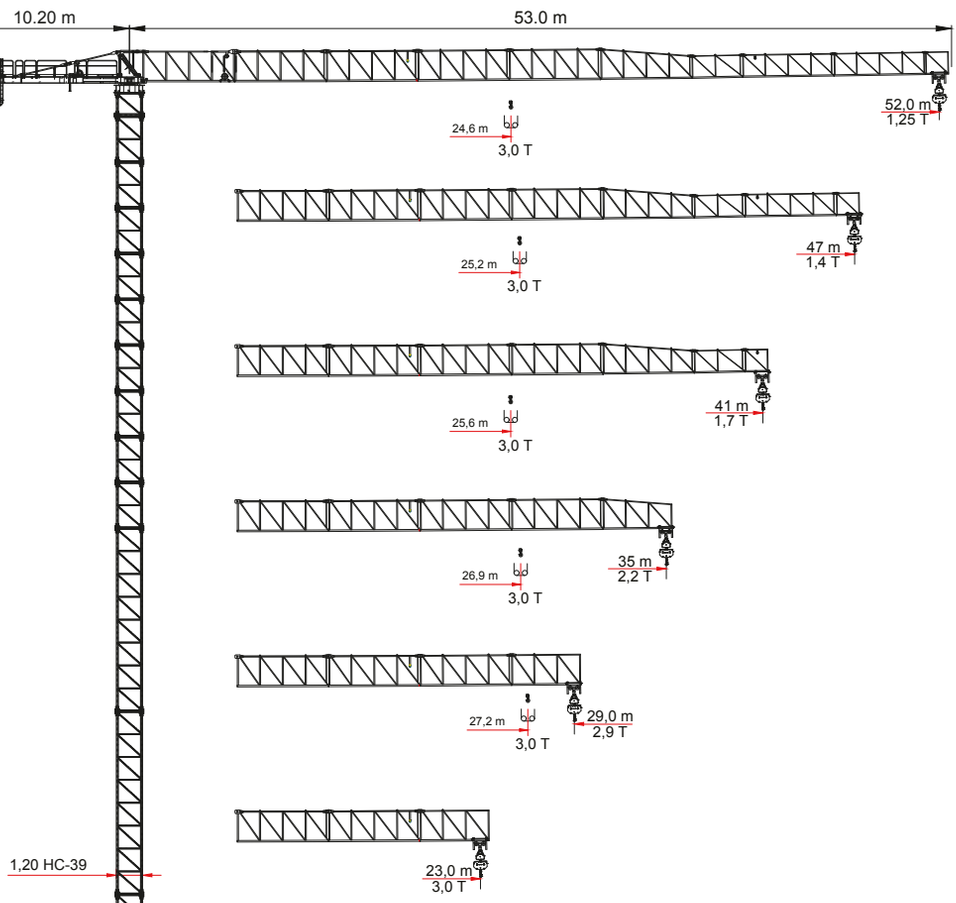


GRT 5212(6T)

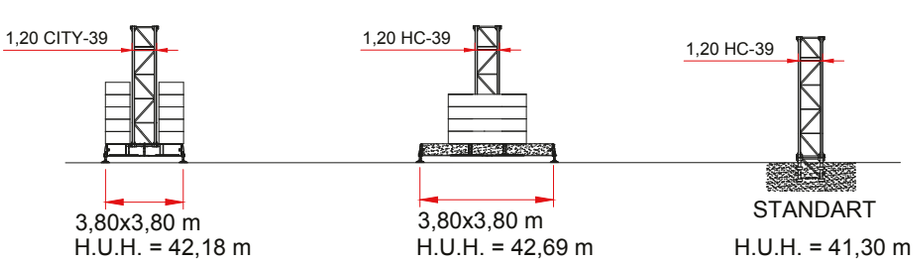
TEKNİK KATALOG - TECHNICAL DATASHEET

TGM® KULE VİNÇ

3000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
3000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS



B 1



3,80x3,80 m
H.U.H. = 42,18 m

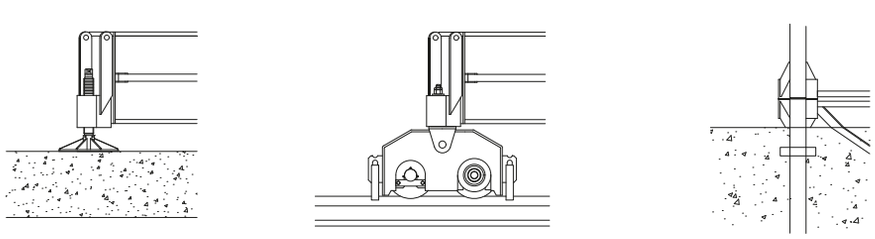
B2

3,80x3,80 m
H.U.H. = 42,69 m

B3

STANDART
H.U.H. = 41,30 m

T4



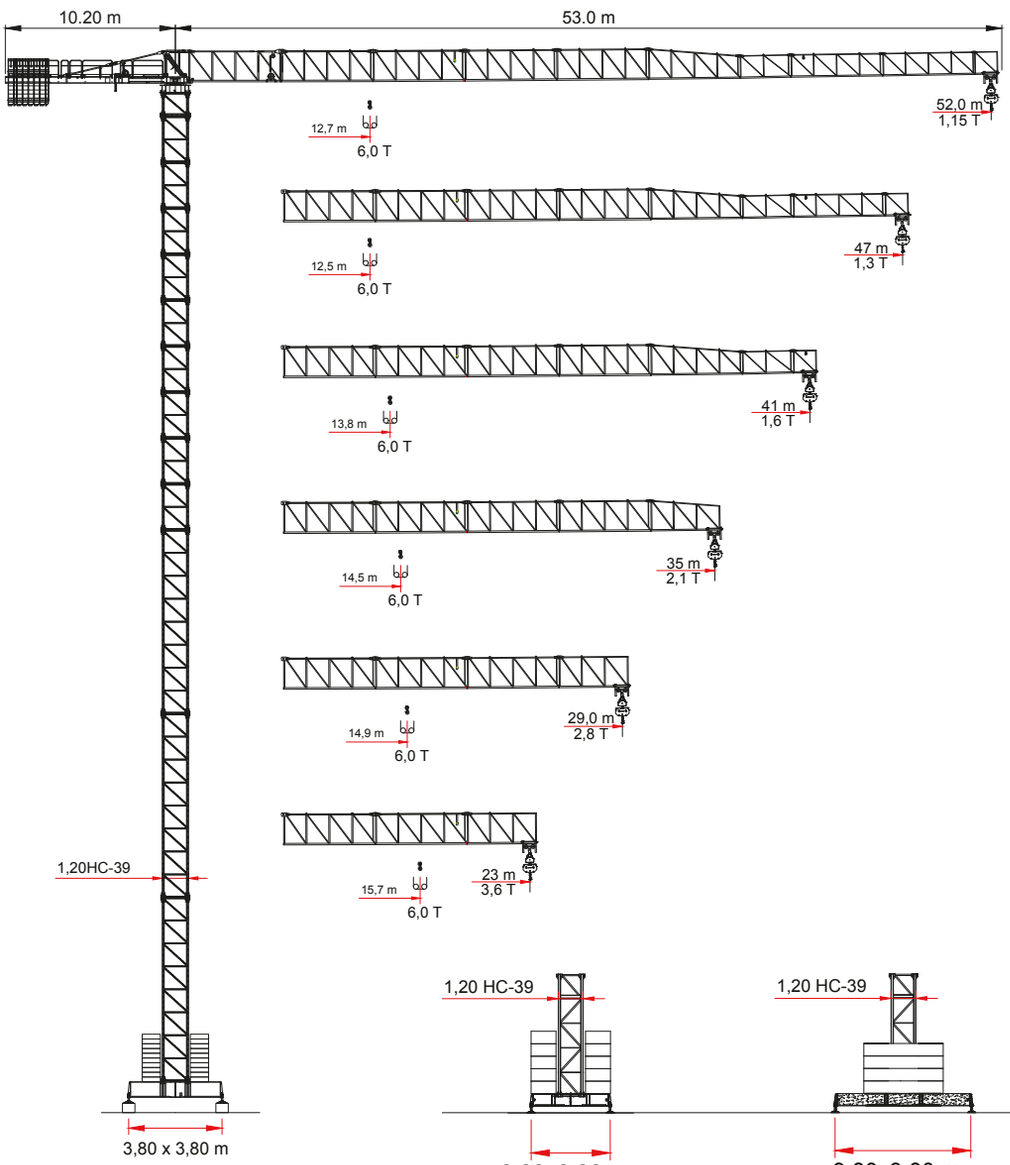
B2 B3 T4

3000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

3000KG. II ROPE REAR - LOAD DIAGRAMS

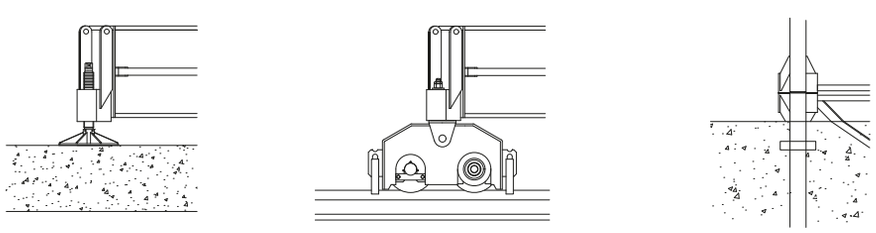
BOM - JIB (m)	52	47	41	35	29	23
MAX YÜK - MAX LOAD (m)	24,6	25,2	26,6	26,9	27,2	23,0
Radius (m)	 3000 Kg					
8	3000	3000	3000	3000	3000	3000
9	3000	3000	3000	3000	3000	3000
10	3000	3000	3000	3000	3000	3000
11	3000	3000	3000	3000	3000	3000
12	3000	3000	3000	3000	3000	3000
13	3000	3000	3000	3000	3000	3000
14	3000	3000	3000	3000	3000	3000
15	3000	3000	3000	3000	3000	3000
16	3000	3000	3000	3000	3000	3000
17	3000	3000	3000	3000	3000	3000
18	3000	3000	3000	3000	3000	3000
19	3000	3000	3000	3000	3000	3000
20	3000	3000	3000	3000	3000	3000
21	3000	3000	3000	3000	3000	3000
22	3000	3000	3000	3000	3000	3000
23	3000	3000	3000	3000	3000	3000
24	3000	3000	3000	3000	3000	
25	2934	3000	3000	3000	3000	
26	2978	2904	3000	3000	3000	
27	2890	2760	2850	2979	3000	
28	2675	2655	2745	2771	2980	
29	2460	2550	2640	2750	2900	
30	2375	2450	2555	2655		
31	2290	2350	2470	2560		
32	2210	2263	2358	2475		
33	2130	2175	2246	2390		
34	2050	2118	2193	2345		
35	1970	2060	2140	2200		
36	1910	2000	2080			
37	1850	1940	2020			
38	1815	1875	1940			
39	1780	1830	1860			
40	1735	1775	1780			
41	1690	1720	1700			
42	1645	1680				
43	1600	1640				
44	1560	1560				
45	1520	1480				
46	1475	1440				
47	1430	1400				
48	1390					
49	1350					
50	1317					
51	1284					
52	1250					

6000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
6000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS



B 1

B2 B3 T4



B2 B3 T4

6000 KG. II HALAT DONANIMI - YÜK ŞEMALARI
6000KG. II ROPE REAR - LOAD DIAGRAMS

BOM - JIB (m)	52	47	41	35	29	23
MAX YÜK - MAX LOAD (m)	12,7	13,5	13,8	14,5	14,9	15,7
Radius (m)	 6000 Kg					
8	6000	6000	6000	6000	6000	6000
9	6000	6000	6000	6000	6000	6000
10	6000	6000	6000	6000	6000	6000
11	6000	6000	6000	6000	6000	6000
12	6000	6000	6000	6000	6000	6000
13	5800	6000	6000	6000	6000	6000
14	5335	5490	5984	5730	6000	6000
15	4870	4980	5140	5460	5680	6000
16	4550	4675	4810	5105	5265	5700
17	4230	4370	4480	4750	4850	5270
18	3980	4090	4225	4470	4820	5000
19	3730	3810	3970	4190	4790	4980
20	3535	3620	3765	3970	4725	4915
21	3340	3430	3560	3750	4660	4850
22	3170	3270	3390	3565	4065	4225
23	3000	3110	3220	3380	3470	3600
24	2870	2970	3090	3194	3385	
25	2740	2830	2960	3008	3300	
26	2620	2720	2830	2914	3165	
27	2500	2610	2700	2820	3030	
28	2405	2505	2595	2710	2915	
29	2310	2400	2490	2600	2800	
30	2225	2305	2405	2505		
31	2140	2210	2320	2410		
32	2060	2118	2208	2325		
33	1980	2025	2096	2240		
34	1900	1852	2043	2170		
35	1820	1910	1990	2100		
36	1760	1850	1930			
37	1700	1790	1870			
38	1665	1735	1790			
39	1630	1680	1710			
40	1585	1625	1655			
41	1540	1570	1600			
42	1495	1530				
43	1450	1490				
44	1385	1410				
45	1370	1330				
46	1325	1315				
47	1280	1300				
48	1280					
49	1240					
50	1200					
51	1155					
52	1150					

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)	250/350

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	3000	6	6000	3
2	3000	40	6000	20
3	2000	72	4000	36
4	1200	96	2400	48

KANCA MOTOR VE REDÜKTÖR ÖZELLİKLERİ	
MOTOR TİPİ - ENGINE TYPE	ASENKRON
MOTOR GÜCÜ - ENGINE POWER	18,5 Kw / 25 Hp
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1455 rpm
REDÜKTÖR TİPİ - REDUCER TYPE	BPH316K
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	1X65 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

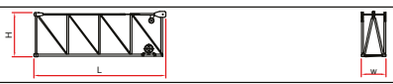
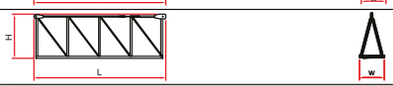
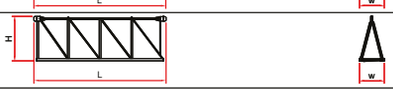
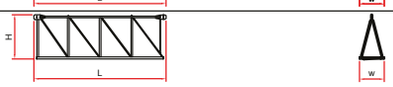
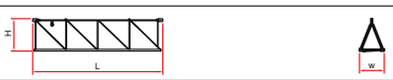
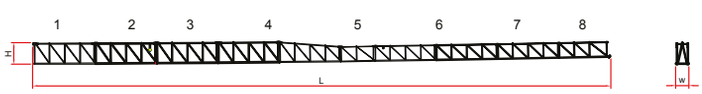
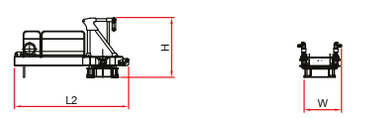
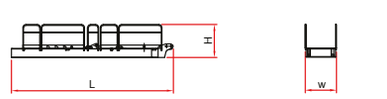
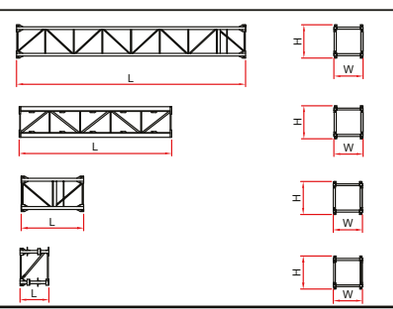
ŞARYO HALATI ÖZELLİKLERİ - TROLLEY ROPE FEATURES	
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)	8
HALAT (Tip) - ROPE (Type)	Anti-twisting
HALAT TİPİ - ROPE TYPE	Çelik - Steel
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)	34,71
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)	43,55
TAMBUR ÖZELLİKLERİ - DRUM FEATURES	
OLUK BOŞLUĞU - GUTTER GAP (mm)	8,5
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)	408

HIZ ÖZELLİKLERİ - SPEED FEATURES

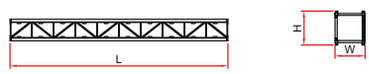
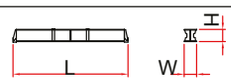
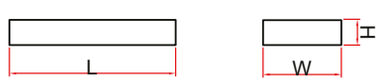
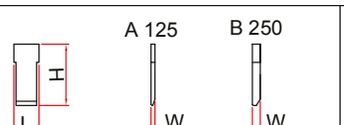
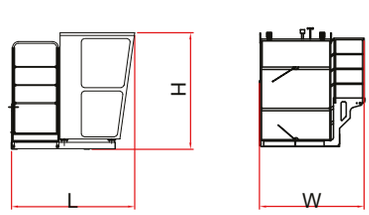
Hızlar Speeds	2'li Donanım - Two Falls		4'lü Donanım - Four Falls	
	Kg	m/dk - m/min	Kg	m/dk - m/min
1	6000	11	3000	11
2	6000	48	3000	48
3	4000	82	2000	82

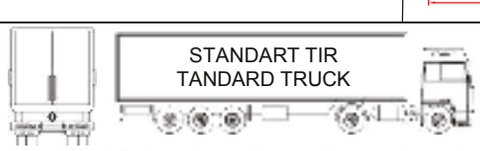
ŞARYO MOTOR VE REDÜKTÖR ÖZELLİKLERİ - TRANSPORTATION MOTOR AND REDUCER SPECIFICATIONS	
MOTOR TİPİ - ENGINE TYPE	ASENKRON
MOTOR GÜCÜ - ENGINE POWER	5,5 Kw / 7,5 Hp
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1456 rpm
REDÜKTÖR TİPİ -REDUCER TYPE	PLANET (TİP AR.020878)
REDÜKTÖR TRANSFER ORANI - REDUCER 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

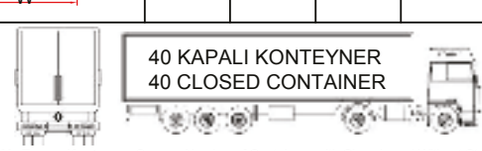
Parça Piece	**Açıklama** Explanation		**Çizim** Drawing	**Boyutlar** Dimensions L	W	H	**Ağırlık** Weight (Kg) Birim	Top.
1	**Bomlar** - Jibs	0		6.135	1.280	2.060	1500	1500
1		1		6.155	1.150	2.060	700	700
1		2		6.155	1.150	2.060	590	590
1		3		6.155	1.150	2.060	490	490
1		4		6.060	1.150	2.030	420	420
1		5		6.060	1.150	1.500	340	340
1		6		6.040	1.150	1.500	300	300
1		7		6.005	1.150	1.500	265	265
1		8		4.750	1.150	1.470	220	220
BOM JIB			52 m	53.00	1.280	2060	4901	4901
			47 m	48.40	1.280	2060	4681	4681
			41 m	42.50	1.280	2060	4416	4416
			35 m	36.60	1.280	2060	4116	4116
			29 m	30.70	1.280	2060	3776	3776
			23 m	24.80	1.280	2060	3356	3356
1	**Kuyruk Tablası, Kanca Motoru, Elektrik Panosu vs.** Tail Table, Hook Motor,Electrical Panel etc.			5.085	1.979	2.594	5885	5885
1	**Kuyruk** - Tail			6.715	1.930	1.430	1960	1960
1	**Mast -** Tower Element			11.8	1.200	1.380	3350	3350
				5.90	1.200	1.380	1675	1675
				2.95	1.200	1.380	887	887
				1.10	1.200	1.380	472	472

EKİPMAN TEKNİK VERİLERİ
EQUIPMENT TECHNICAL DATA

Parça Piece	**Açıklama** Explanation	**Çizim** Drawing		**Boyutlar** Dimensions			**Ağırlık** Weight (Kg)	
				L	W	H	Birim	Top.
-	**Mast** - Tower Element			11.675	1.18	1.18	3350	3350
				5.83	1.18	1.18	1775	1775
				2.36	1.18	1.18	900	900
				1.35	1.18	1.18	791	791
1	**Şase Uzun Kol** - Chassis Long Arm		3,8x3,8mt	5.535	0.710	0.760	1540	1540
2	**Şase Kısa Kol** - Chassis Short Arm		3,8x3,8mt	2.620	0.590	0.770	1010	2020
2	**Yürüyüş Takımı Motorsuz** Undercarriage Without Motor			1.14	0.273	0.543	505	1010
2	**Yürüyüş Takımı Motorlu** Undercarriage Motorized			1.204	0.605	0.543	605	1210
14	**Şase Taşı** - Chassis Stone (Z 505)			3.80	0.50	1.20	5050	70700
4	**Destek Bloğu** - Support Block			3.00	0.60	0.60	2465	9860
1 5	**Kuyruk Taşı** - Tail Stone		A 125 B 250	3.000 3.000	0.185 0.370	1.200 1.200	1250 2500	2500 12500
1	**Kabin** - Cabin			2.749	2.10	2.289	850	850

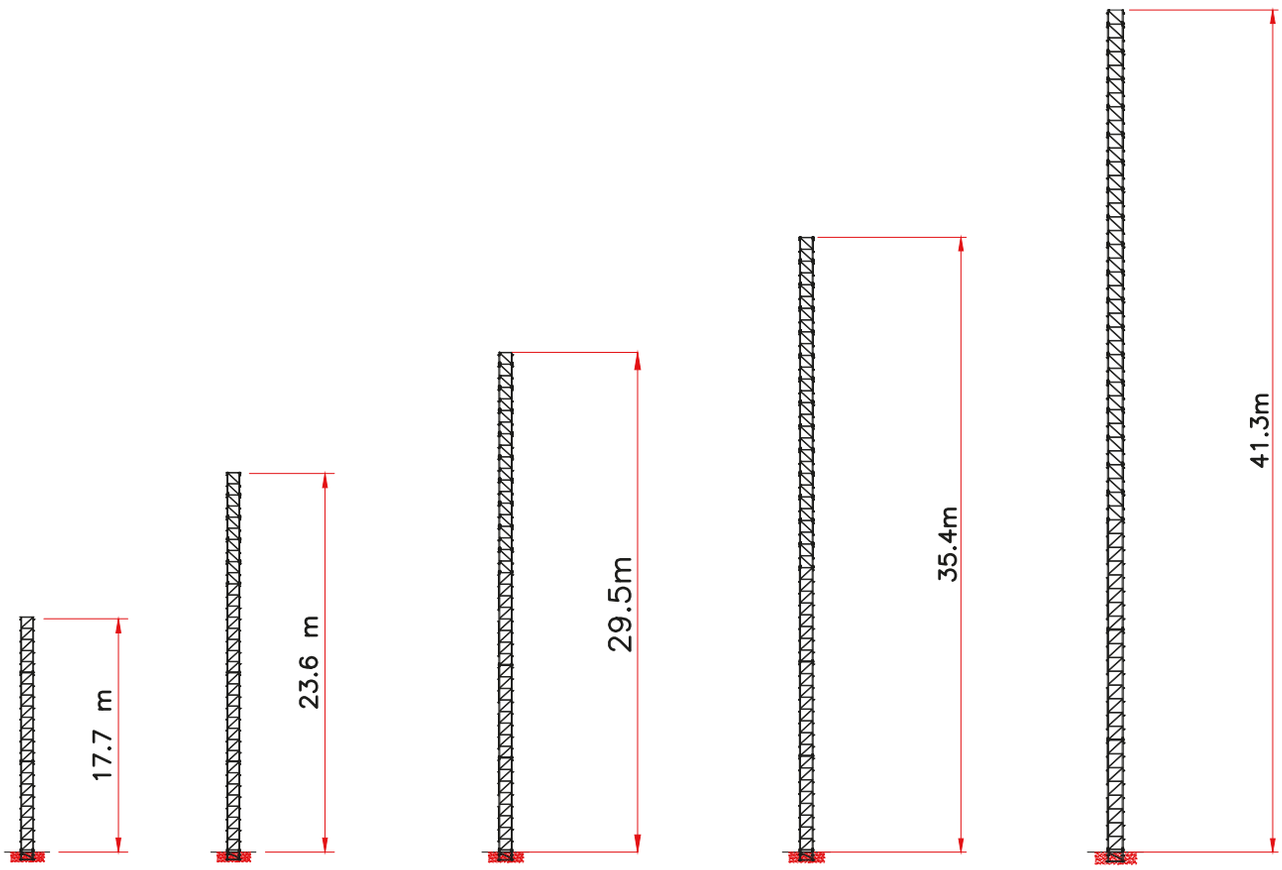


Şaseli Ve Taşlı Tır Sayısı - Number of Trucks with Chassis and Stones = 6
Ankrajlı Tır Sayısı - Number of Anchored Trucks = 4

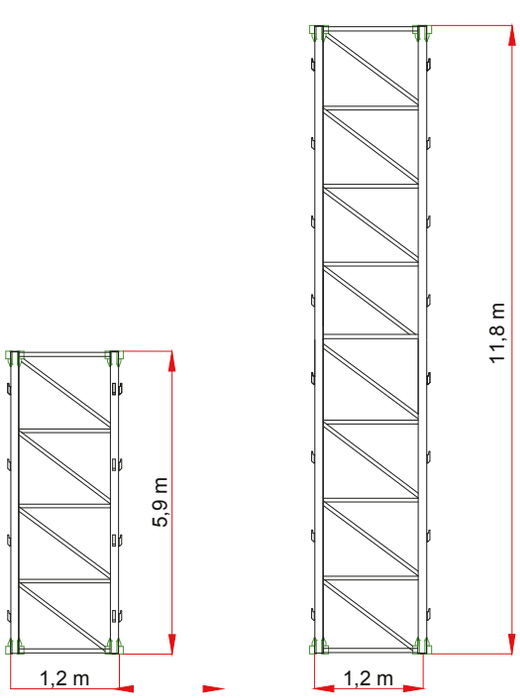


Şaseli Ve Taşsız Konteyner Sayısı - Number of Containers with Chassis and Without Stone = 6
Ankrajlı Konteyner Sayısı - Number of Anchored Containers = 5

STANDART KURULUM YÜKSEKLİKLERİ
STANDARD INSTALLATION HEIGHTS



KULE ELEMANLARI TİP 1, 20HC-39
TOWER ELEMENTS TYPE 1, 20HC-39



BESLEME KABLOSU ÖZELLİKLERİ
SUPPLY CABLE SPECIFICATIONS

Kaldırma Gücü Lifting Power	**Üç Kutup Artı Topraklama Kablosu İçin Tek Kablo Kesiti (mm²)** Single Cable Cross Section for Three Pole Plus Ground Cable (mm²)					
	0-30m	30-50m	50-100m	100-200m	200-300m	300-400m
42 Kw	4x16 TTR	3x25+16 TTR	3x35+16 TTR	3x50+25 TTR	3x70+35 TTR	3x95+50 TTR
Besleme Gerilimi 380-400 VAC ± %5 - Supply Voltage 380-400 VAC ± 5%						
Haber Vermeden Değiştirme 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	380VAC - 400VAC 50Hz
Kaldırma Tipi 40-VF8 İle Versiyon Version with Lifting Type 40-VF8	
Toplam Güç (Yürüyüş Sistemi Olmadan) Total Power (Without Drive System)	36 Kw
Toplam Güç (Yürüyüş Sistemi İle) Total Power (With Drive System)	42 Kw
Termal Koruma Thermal Protection	80A
Diferansiyel Koruma Differential Protection	id=30ma
Jeneratör (Gerekli Olduğu Durumlarda) Generator (When Necessary)	108 KWA

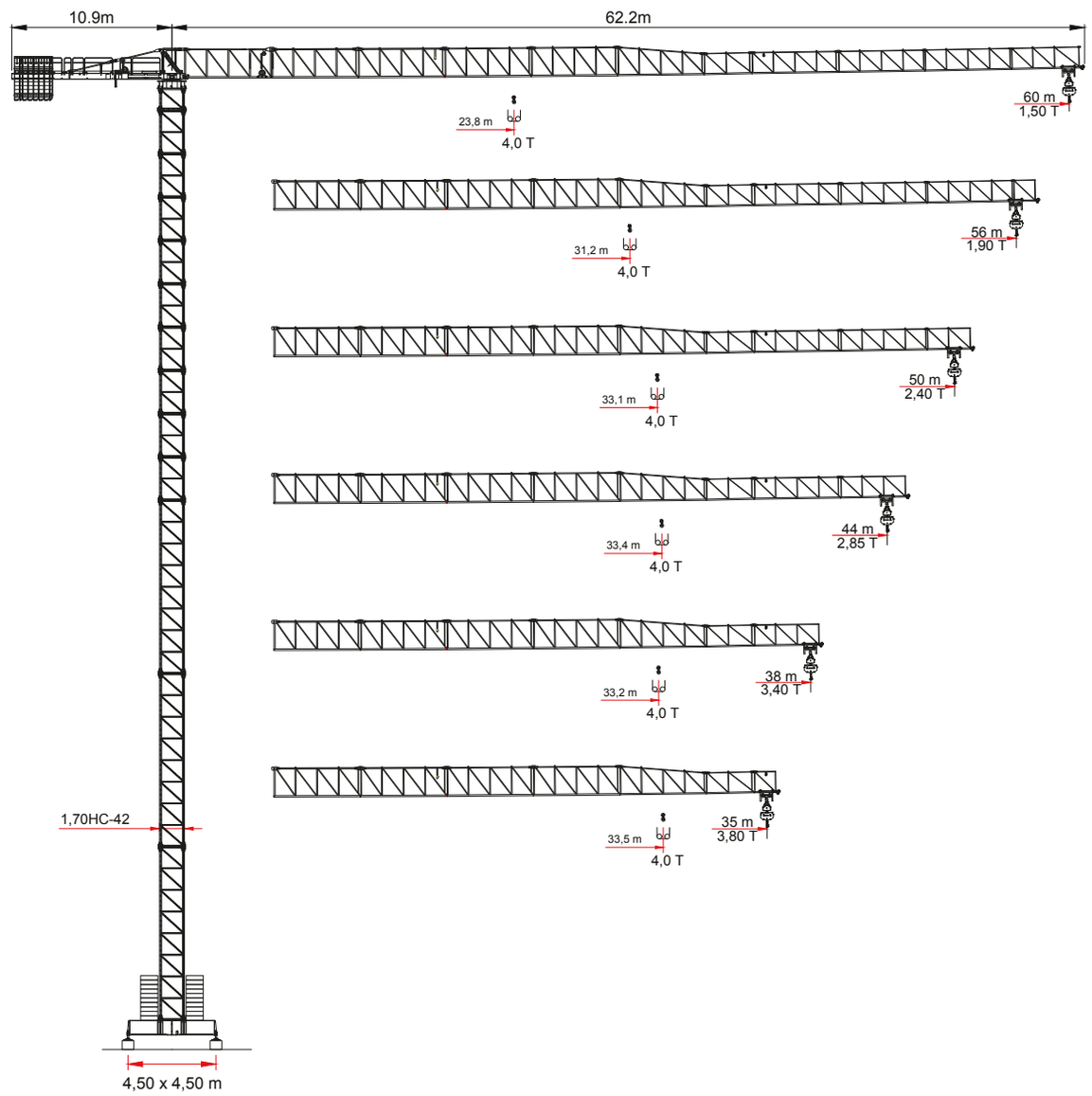


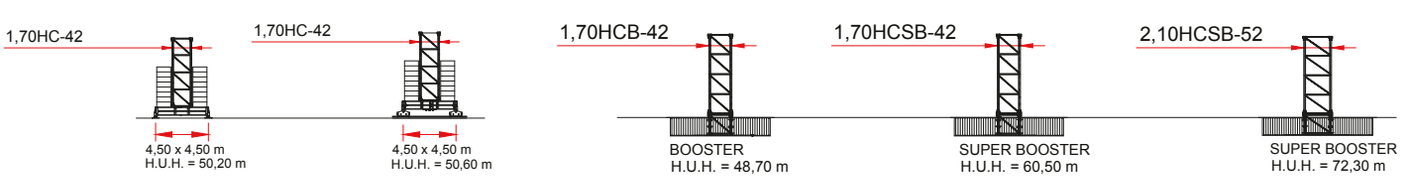
GRT 6015(8T)

TEKNİK KATALOG - TECHNICAL DATASHEET

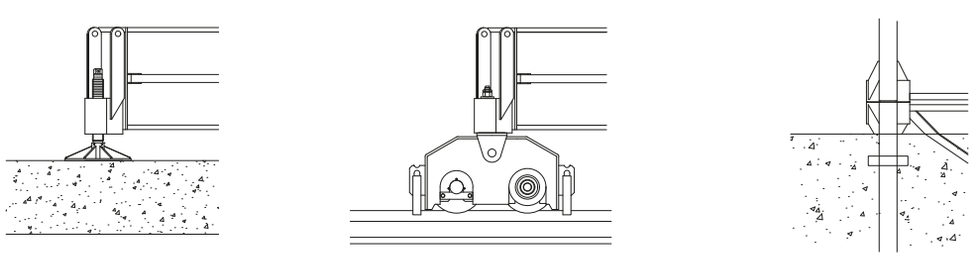
TGM® KULE VİNÇ

4000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
4000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS





B 2 B 3 T4



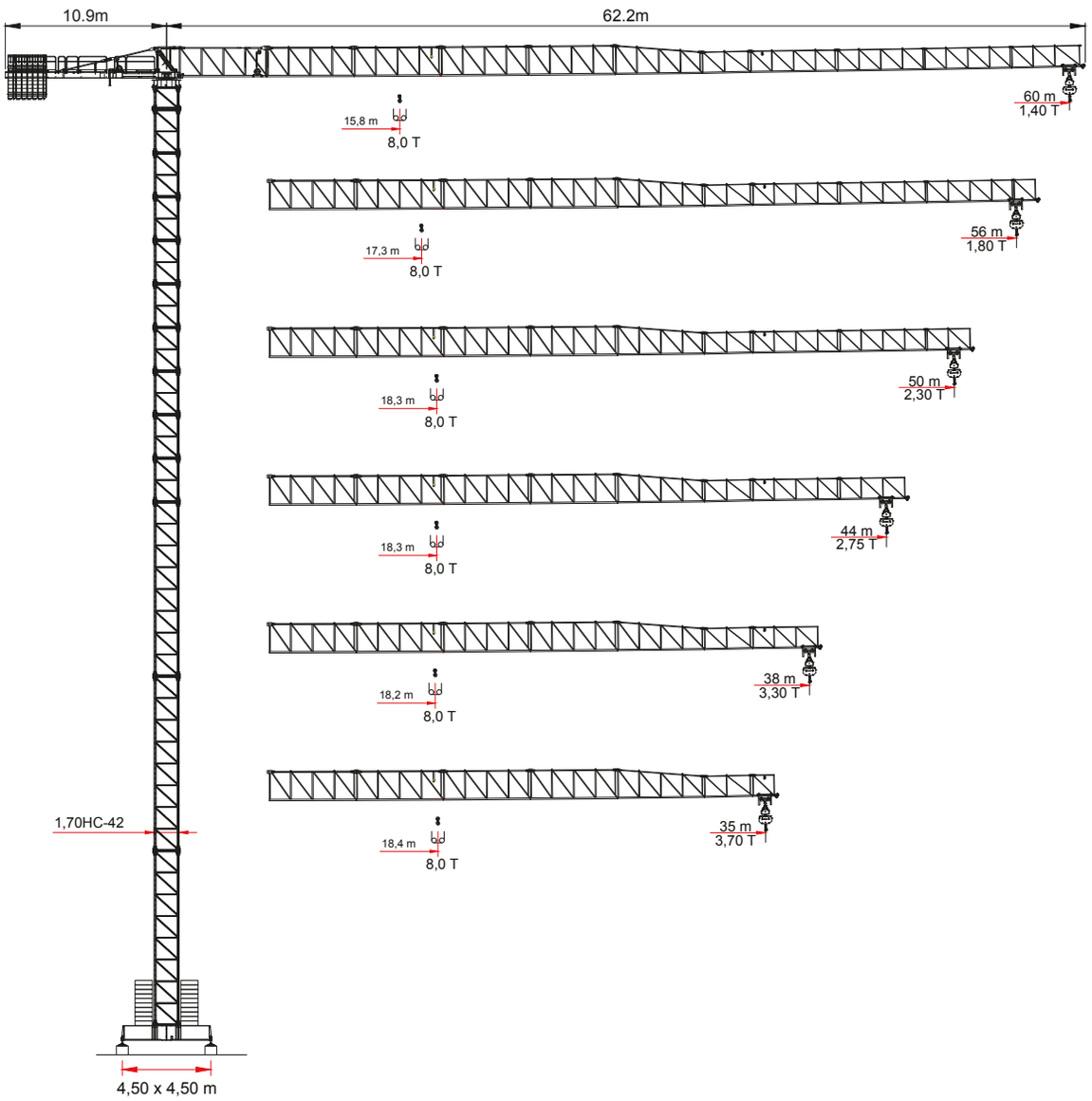
B2 B3 T4

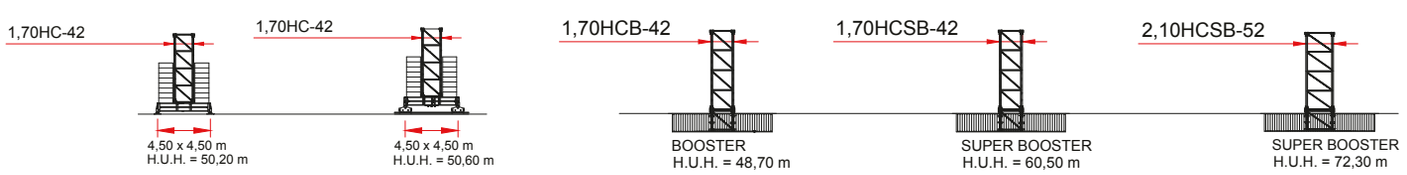
4000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

4000KG. II ROPE REAR - LOAD DIAGRAMS

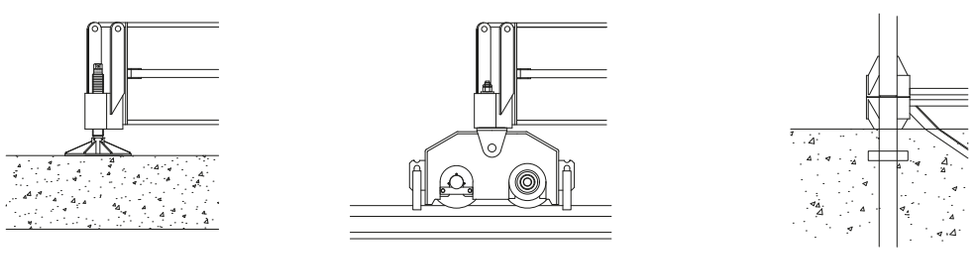
BOM - JIB (m)	60	56	50	44	38	35
MAX YÜK - MAX LOAD (m)	28,3	31,2	33,1	33,4	33,2	33,5
Radius (m)	 4000 Kg					
10	4000	4000	4000	4000	4000	4000
11	4000	4000	4000	4000	4000	4000
12	4000	4000	4000	4000	4000	4000
13	4000	4000	4000	4000	4000	4000
14	4000	4000	4000	4000	4000	4000
15	4000	4000	4000	4000	4000	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 B 3 T4



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

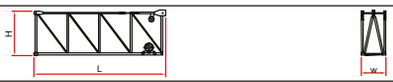
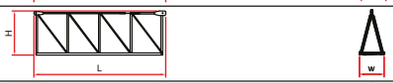
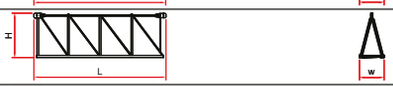
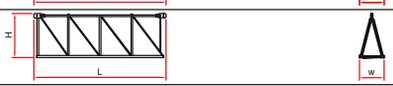
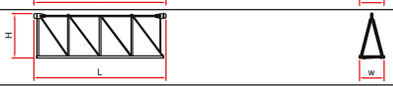
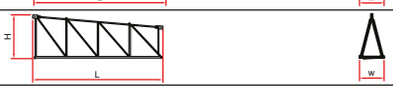
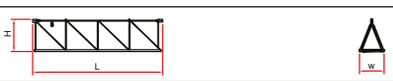
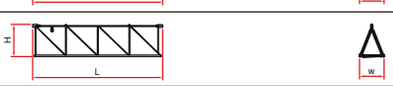
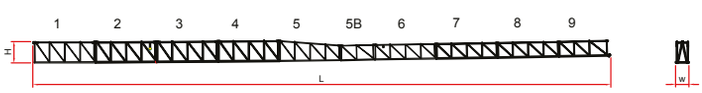
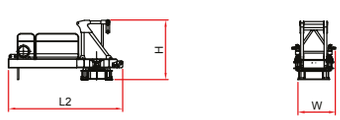
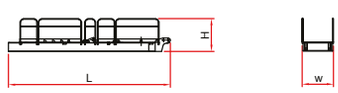
ŞARYO HALATI ÖZELLİKLERİ - TROLLEY ROPE FEATURES	
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)	8
HALAT (Tip) - ROPE (Type)	Anti-twisting
HALAT TİPİ - ROPE TYPE	Çelik - Steel
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)	34,71
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)	43,55
TAMBUR ÖZELLİKLERİ - DRUM FEATURES	
OLUK BOŞLUĞU - GUTTER GAP (mm)	8,5
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)	408

HIZ ÖZELLİKLERİ - SPEED FEATURES

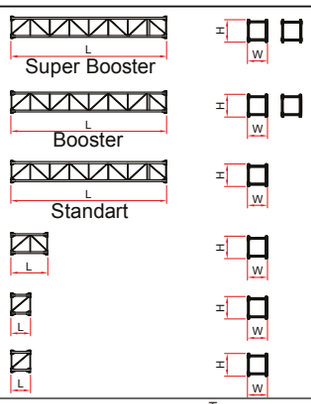
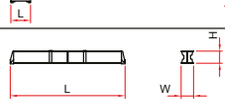
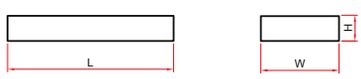
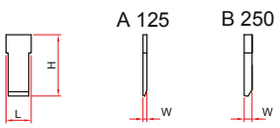
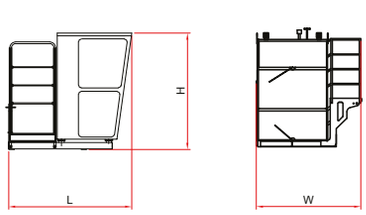
Hızlar Speeds	2'li Donanım - Two Falls		4'lü Donanım - Four Falls	
	Kg	m/dk - m/min	Kg	m/dk - m/min
1	8000	11	4000	11
2	8000	48	4000	48
3	5000	82	2500	82

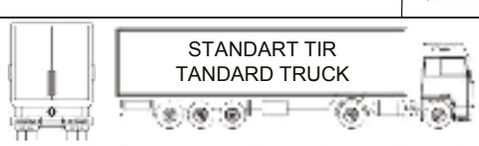
ŞARYO MOTOR VE REDÜKTÖR ÖZELLİKLERİ - TRANSPORTATION MOTOR AND REDUCER SPECIFICATIONS	
MOTOR TİPİ - ENGINE TYPE	ASENKRON
MOTOR GÜCÜ - ENGINE POWER	5,5 Kw / 7,5 Hp
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1456 rpm
REDÜKTÖR TİPİ -REDUCER TYPE	PLANET
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 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

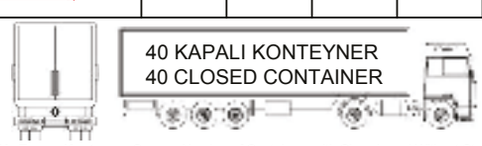
Parça Piece	**Açıklama** Explanation		**Çizim** Drawing	**Boyutlar** Dimensions			**Ağırlık** Weight (Kg)	
				L	W	H	Birim	Top.
1	**Bomlar** - Jibs	0		6.218	1.372	2.443	2050	2050
1		1		6.250	1.150	2.120	960	960
1		2		6.217	1.150	2.115	890	890
1		3		6.167	1.150	2.080	702	702
1		4		6.137	1.150	2.060	557	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	62.2	1.372	2.443	5325	5325
				56 m	57.5	1.372	2.443	5019	5019
				50 m	51.6	1.372	2.443	4709	4709
				44 m	45.7	1.372	2.443	4361	4361
				38 m	39.9	1.372	2.443	3961	3961
				35 m	36.6	1.372	2.443	3693	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 L	W	H	**Ağırlık** Weight (Kg) 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 B 250	3.000 3.000	0.185 0.370	1.200 1.200	1250 2500	2500 12500
1	**Kabin** - Cabin			2.749	2.10	2.289	850	850

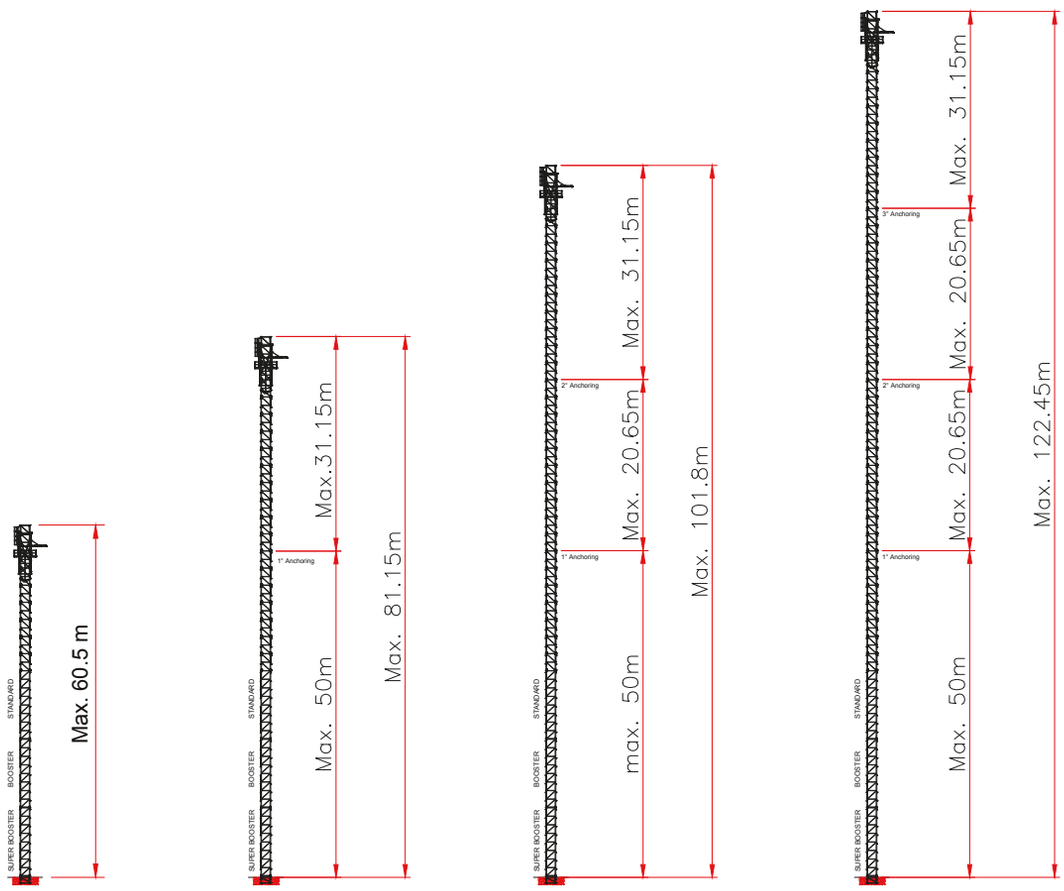


Şaseli Ve Taşlı Tır Sayısı - Number of Trucks with Chassis and Stones = 8
Ankrajlı Tır Sayısı - Number of Anchored Trucks = 6

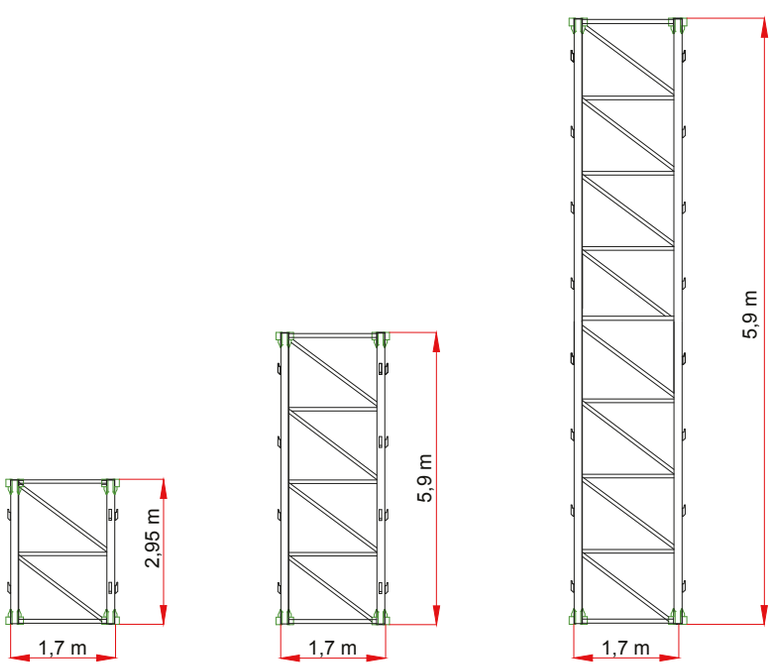


Şaseli Ve Taşsız Konteyner Sayısı - Number of Containers with Chassis and Without Stone = 8
Ankrajlı Konteyner Sayısı - Number of Anchored Containers = 8

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 (mm²)** Single Cable Cross Section for Three Pole Plus Ground Cable (mm²)					
	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
Besleme Gerilimi 380-400 VAC ± %5 - Supply Voltage 380-400 VAC ± 5%						
Haber Vermeden Değiştirme 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	380V - 50Hz
Kaldırma Tipi 40-VF8 İle Versiyon Version with Lifting Type 40-VF8	
Toplam Güç (Yürüyüş Sistemi Olmadan) Total Power (Without Drive System)	50 Kw
Toplam Güç (Yürüyüş Sistemi İle) Total Power (With Drive System)	56 Kw
Termal Koruma Thermal Protection	125A
Diferansiyel Koruma Differential Protection	id=30ma
Jeneratör (Gerekli Olduğu Durumlarda) Generator (When Necessary)	150 KW

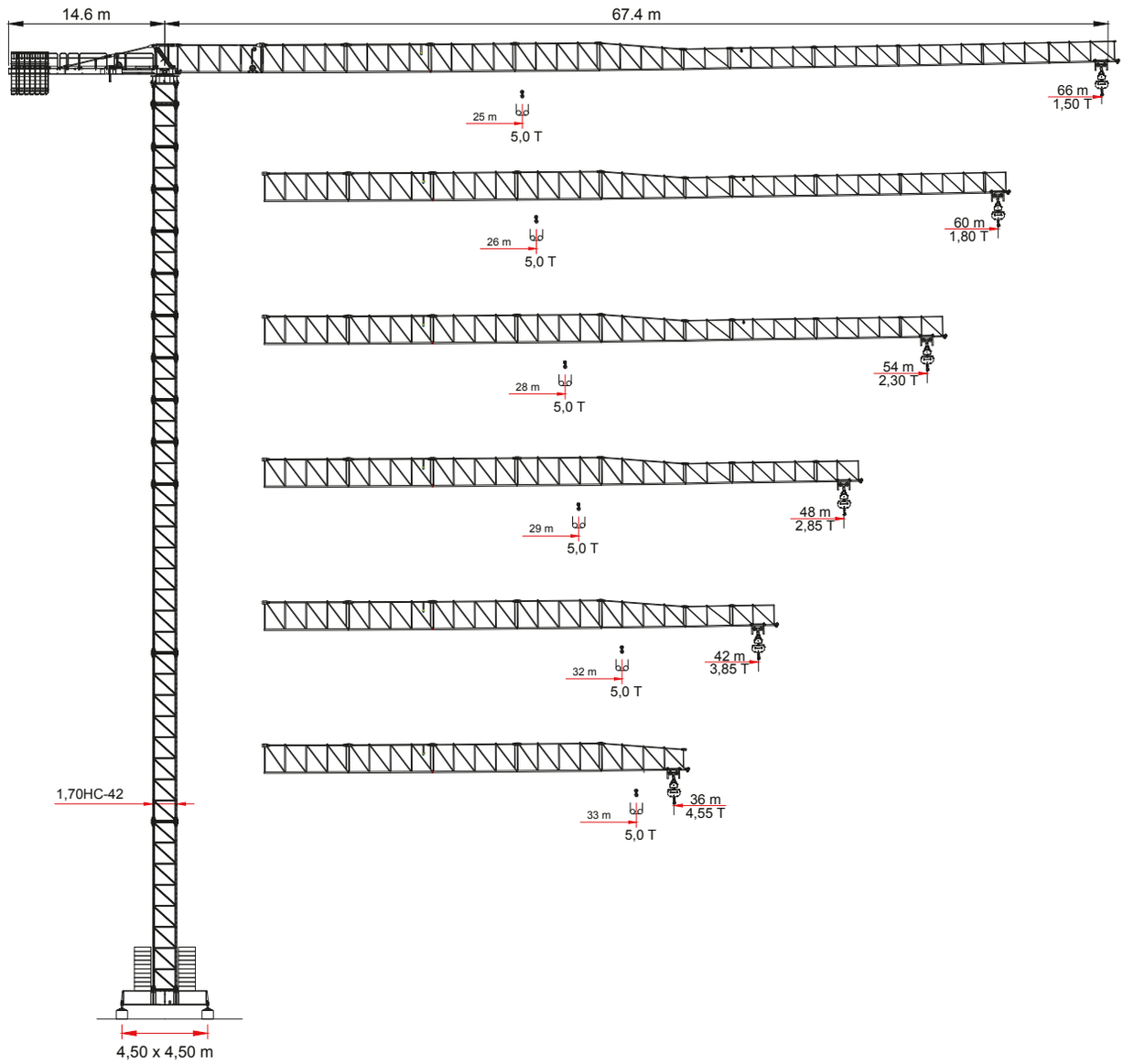


GRT 6615(10T)

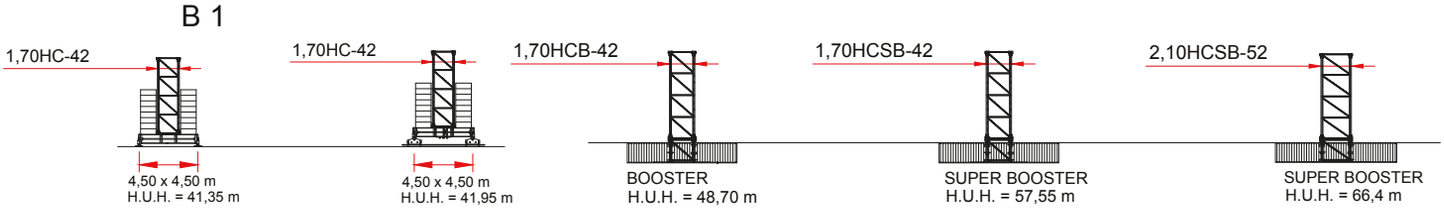
TEKNİK KATALOG - TECHNICAL DATASHEET

TGM®
KULE ViNC

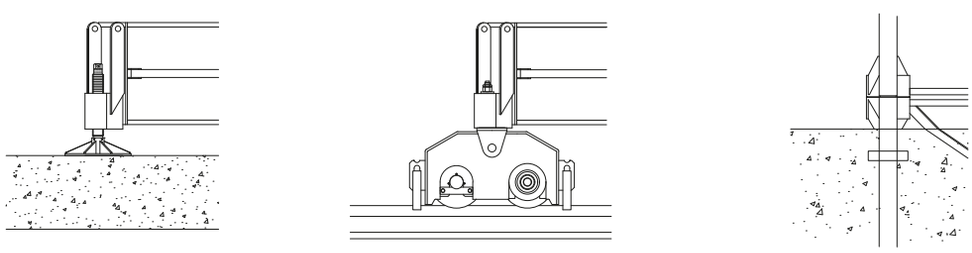
5000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
5000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS



B 1



B 2 B 3 T4



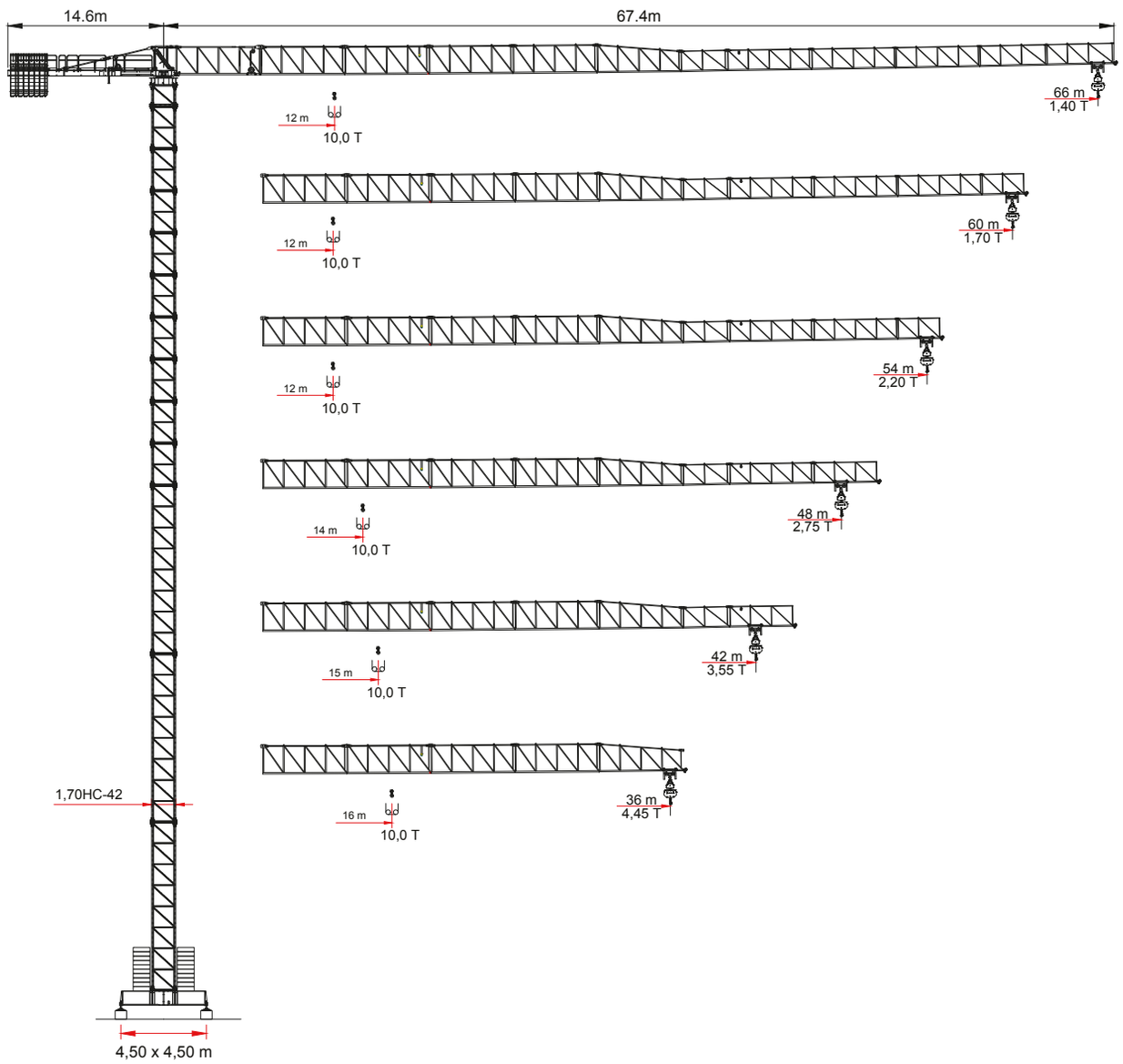
B2 B3 T4

5000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

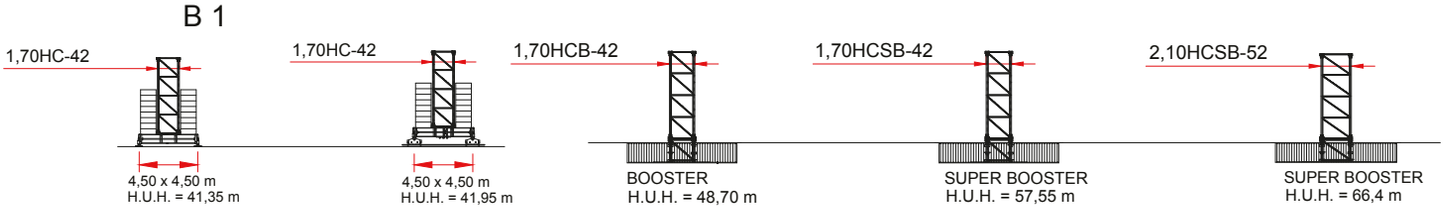
5000KG. II ROPE REAR - LOAD DIAGRAMS

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					

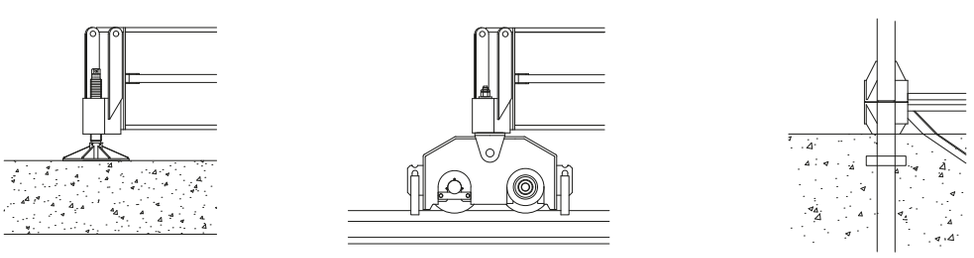
10000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
10000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS



B 1



B 2 B 3 T4



B2 B3 T4

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

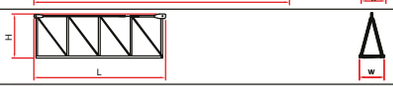
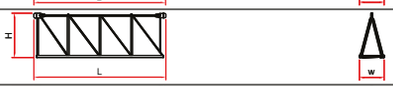
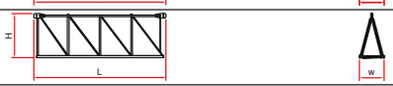
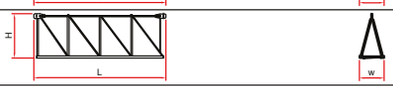
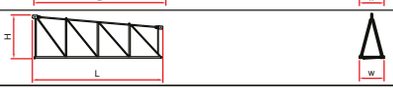
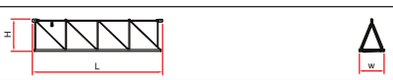
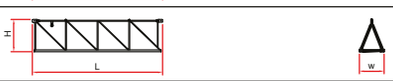
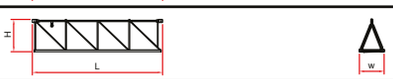
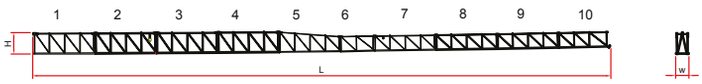
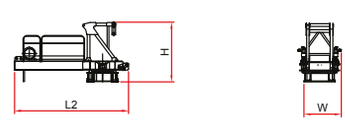
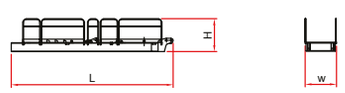
ŞARYO HALATI ÖZELLİKLERİ - TROLLEY ROPE FEATURES	
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)	8
HALAT (Tip) - ROPE (Type)	Anti-twisting
HALAT TİPİ - ROPE TYPE	Çelik - Steel
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)	34,71
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)	43,55
TAMBUR ÖZELLİKLERİ - DRUM FEATURES	
OLUK BOŞLUĞU - GUTTER GAP (mm)	8,5
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)	408

HIZ ÖZELLİKLERİ - SPEED FEATURES

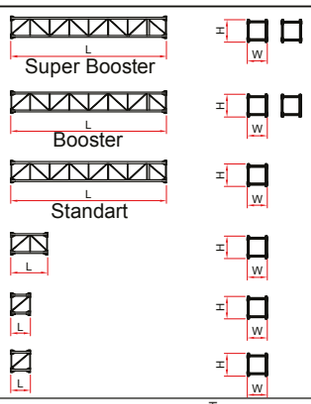
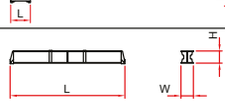
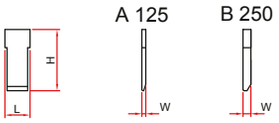
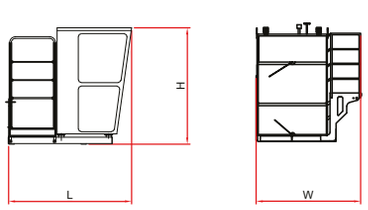
Hızlar Speeds	2'li Donanım - Two Falls		4'lü Donanım - Four Falls	
	Kg	m/dk - m/min	Kg	m/dk - m/min
1	10000	11	5000	11
2	1000	48	5000	48
3	5000	82	2500	82

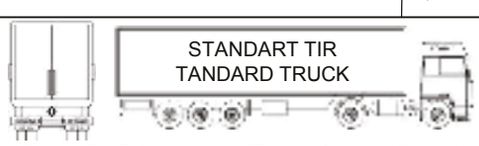
ŞARYO MOTOR VE REDÜKTÖR ÖZELLİKLERİ - TRANSPORTATION MOTOR AND REDUCER SPECIFICATIONS	
MOTOR TİPİ - ENGINE TYPE	ASENKRON
MOTOR GÜCÜ - ENGINE POWER	5,5 Kw / 7,5 Hp
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1456 rpm
REDÜKTÖR TİPİ -REDUCER TYPE	PLANET
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 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

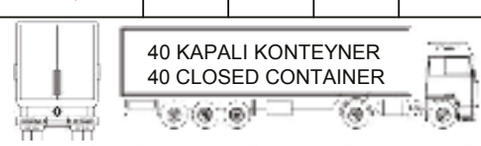
Parça Piece	**Açıklama** Explanation		**Çizim** Drawing	**Boyutlar** Dimensions			**Ağırlık** Weight (Kg)	
				L	W	H	Birim	Top.
1	**Bomlar** - Jibs	0		11.80	1.370	2.600	5096	5096
1		1		6.190	1.150	2.330	1176	1176
1		2		6.185	1.150	2.290	948	948
1		3		6.145	1.150	2.300	884	884
1		4		6.120	1.150	2.250	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	67.4	1.370	2.600	6504	6504
				60 m	61.5	1.370	2.600	6166	6166
				54 m	55.6	1.370	2.600	5804	5804
				48 m	49.7	1.370	2.600	5448	5448
				42 m	43.8	1.370	2.600	4962	4962
				36 m	37.9	1.370	2.600	4434	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 L	W	H	**Ağırlık** Weight (Kg) 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 B 250	3.000 3.000	0.185 0.370	1.200 1.200	1250 2500	2500 12500
1	**Kabin** - Cabin			2.749	2.10	2.289	850	850

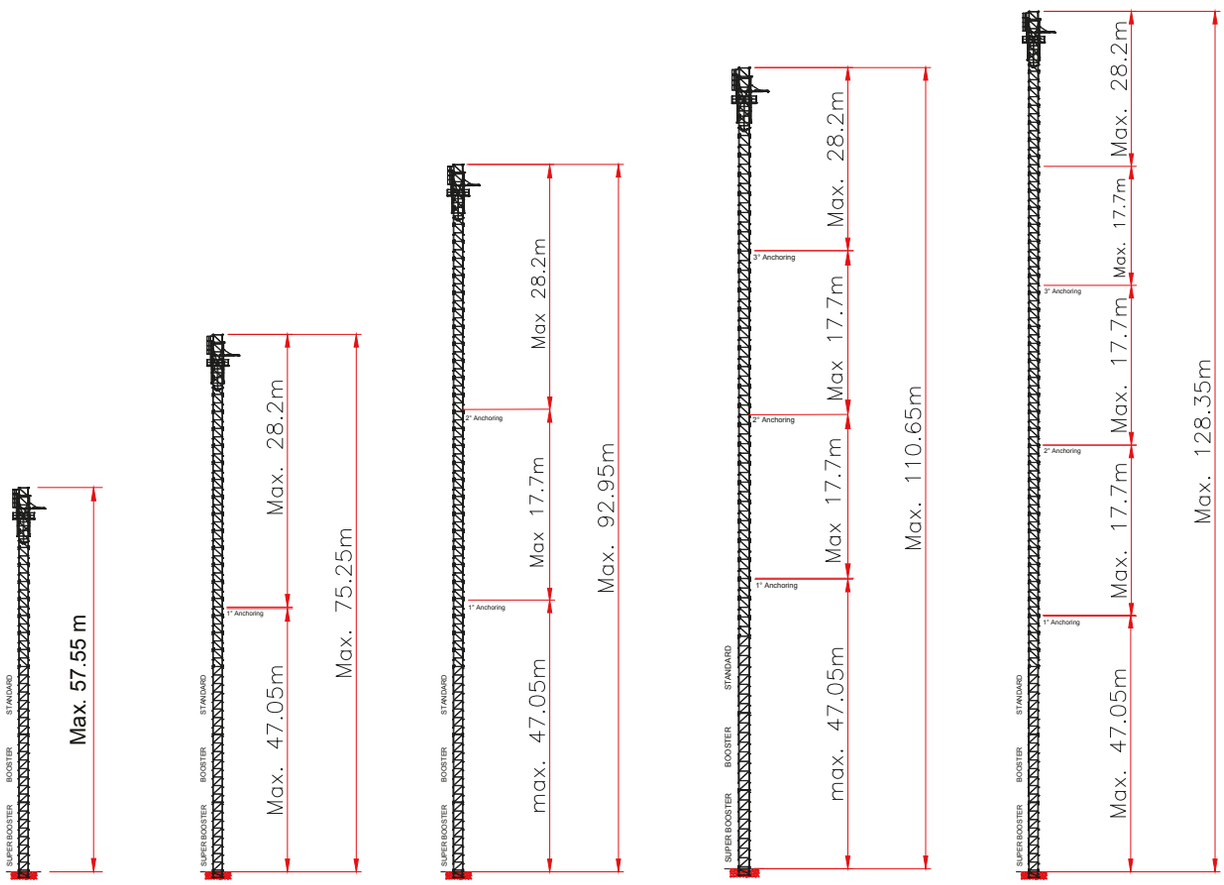


Şaseli Ve Taşlı Tır Sayısı - Number of Trucks with Chassis and Stones = 13
Ankrajlı Tır Sayısı - Number of Anchored Trucks = 9

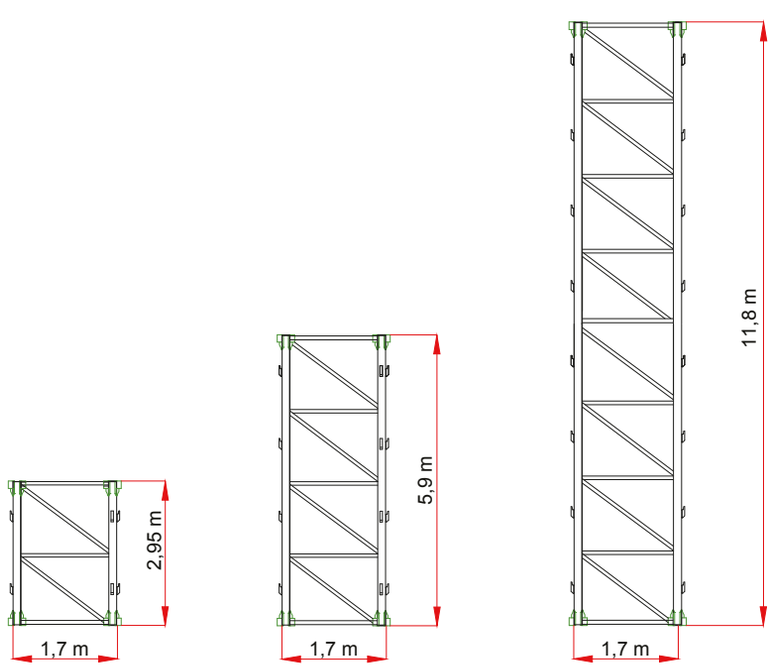


Şaseli Ve Taşsız Konteyner Sayısı - Number of Containers with Chassis and Without Stone = 10
Ankrajlı Konteyner Sayısı - Number of Anchored Containers = 10

STANDART KURULUM YÜKSEKLİKLERİ
STANDARD INSTALLATION HEIGHTS



KULE ELEMANLARI TİP 1, 72OHC-42
TOWER ELEMENTS TYPE 1, 7OHC-42



BESLEME KABLOSU ÖZELLİKLERİ
SUPPLY CABLE SPECIFICATIONS

Kaldırma Gücü Lifting Power	**Üç Kutup Artı Topraklama Kablosu İçin Tek Kablo Kesiti (mm²)** Single Cable Cross Section for Three Pole Plus Ground Cable (mm²)					
	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 Değiştirme 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 İle 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

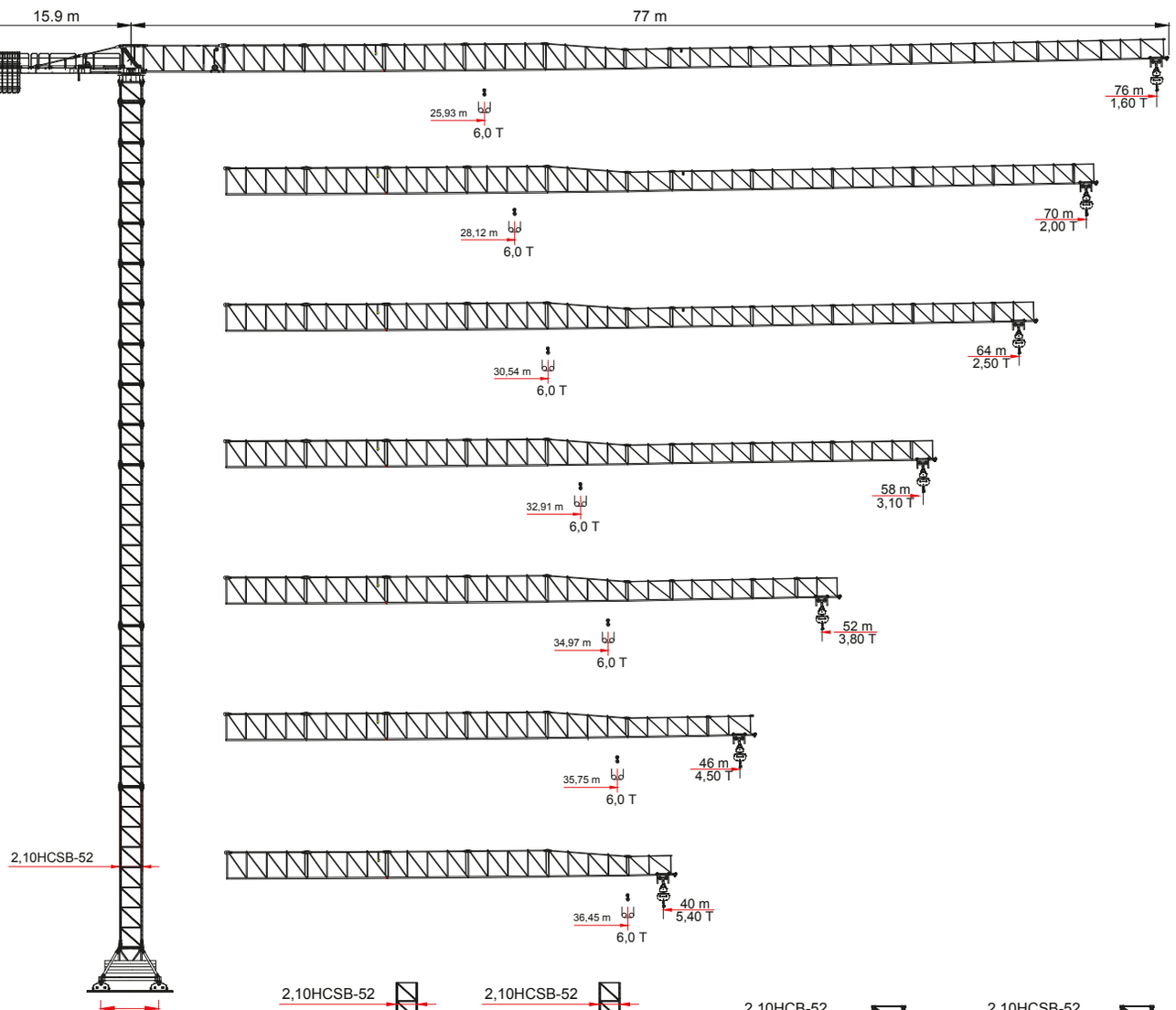


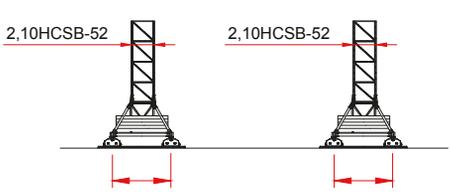
GRT 7616(12T)

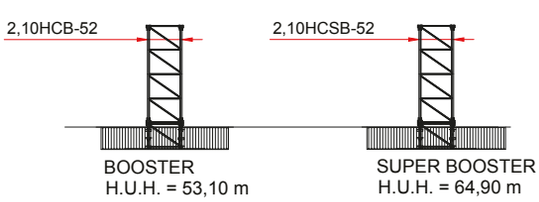
TEKNİK KATALOG - TECHNICAL DATASHEET

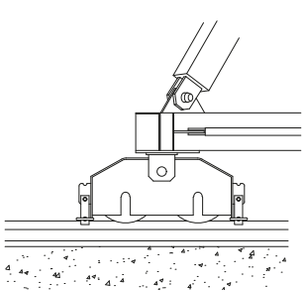
TGM® KULE VİNÇ

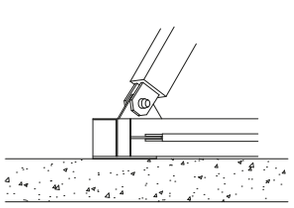
6000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
6000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS

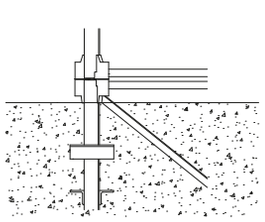










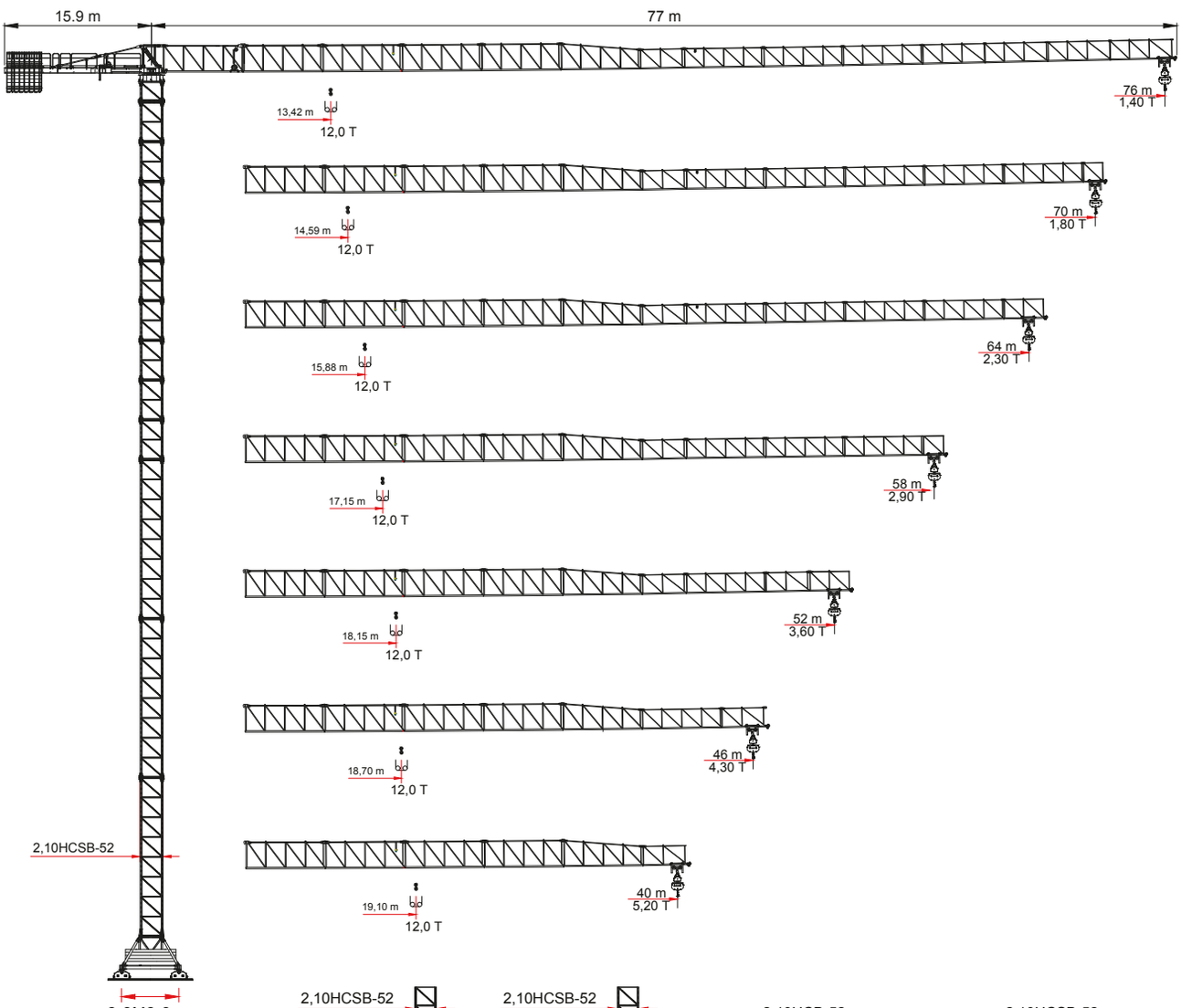


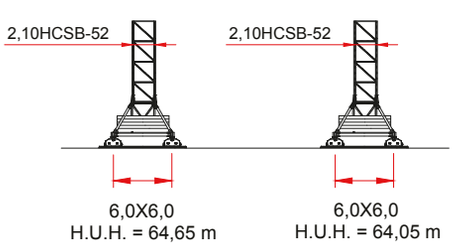
6000 KG. II HALAT DONANIMI - YÜK ŞEMALARI

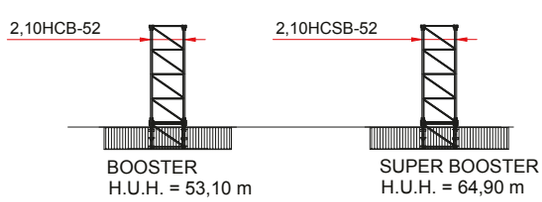
6000KG. II ROPE REAR - LOAD DIAGRAMS

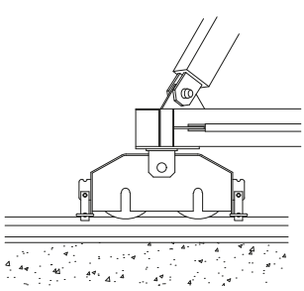
BOM - JIB (m)	76	70	64	58	52	46	40
MAX YÜK - MAX LOAD (m)	25,93	28,12	30,54	32,91	34,97	35,75	36,45
Radius (m)	 6000 Kg						
25,93	6000	6000	6000	6000	6000	6000	6000
28	5497	6000	6000	6000	6000	6000	6000
30	5078	5574	6000	6000	6000	6000	6000
32	4713	5177	5690	6000	6000	6000	6000
34	4392	4828	5310	5783	6000	6000	6000
36	4107	4515	4973	5419	5806	5953	6000
38	3853	4243	4673	5095	5460	5600	5723
40	3626	3995	4403	4803	5150	5283	5400
42	3420	3771	4159	4540	4871	4996	
44	3233	3568	3939	4302	4617	4737	
46	3063	3384	3737	4084	4385	4500	
48	2908	3214	3553	3886	4174		
50	2765	3059	3384	3703	3979		
52	2633	2916	3228	3534	3800		
54	2511	2783	3084	3379			
56	2399	2661	2950	3234			
58	2294	2546	2826	3100			
60	2196	2440	2710				
62	2104	2340	2601				
64	2018	2247	2500				
66	1938	2160					
68	1862	2077					
70	1791	2000					
72	1724						
74	1660						
76	1600						

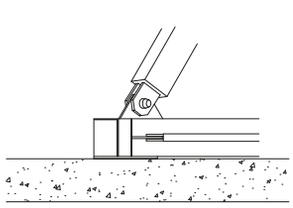
12000KG. II HALAT DONANIMI -TEKNİK ÖZELLİKLER
12000KG. II ROPE REAR - TECHNICAL SPECIFICATIONS

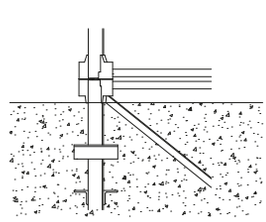












12000 KG. II HALAT DONANIMI - YÜK ŞEMALARI
12000KG. II ROPE REAR - LOAD DIAGRAMS

BOM - JIB (m)	76	70	64	58	52	46	40
MAX YÜK - MAX LOAD (m)	13,42	14,59	15,88	17,15	18,25	18,70	19,10
Radius (m)	 12000 Kg						
13,42	12000	12000	12000	12000	12000	12000	12000
14	11434	12000	12000	12000	12000	12000	12000
16	9824	10812	11900	12000	12000	12000	12000
18	8591	9463	10424	11368	12000	12000	12000
20	7616	8397	9257	10102	10838	11134	11399
22	6826	7533	8311	9076	9742	10010	10250
24	6172	6818	7529	8228	8836	9081	9300
26	5623	6218	6872	7515	8075	8300	8502
28	5155	5706	6312	6907	7426	7634	7821
30	4751	5264	5829	6383	6866	7060	7234
32	4399	4879	5407	5926	6378	6560	6723
34	4090	4541	5037	5525	5949	6120	6273
36	3816	4241	4709	5169	5569	5730	5875
38	3571	3974	4416	4851	5230	5382	5519
40	3352	3734	4154	4566	4926	5070	5200
42	3154	3517	3917	4309	4651	4789	
44	2974	3320	3701	4076	4402	4533	
46	2810	3141	3505	3863	4175	4300	
48	2660	2977	3326	3669	3967		
50	2523	2826	3161	3490	3776		
52	2396	2688	3009	3325	3600		
54	2278	2559	2869	3173			
56	2170	2440	2738	3031			
58	2068	2330	2617	2900			
60	1974	2226	2504				
62	1886	2130	2399				
64	1803	2040	2300				
66	1726	1955					
68	1653	1875					
70	1584	1800					
72	1519						
74	1458						
76	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)	300/600

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	6000	7,6	12000	3,84
2	6000	38,45	2000	19,22
3	3000	61,52	6000	30,76
4	1600	84,59	3200	42,29

KANCA MOTOR VE REDÜKTÖR ÖZELLİKLERİ	
MOTOR TİPİ - ENGINE TYPE	ASENKRON
MOTOR GÜCÜ - ENGINE POWER	45 Kw / 60,34 Hp
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1470 rpm
REDÜKTÖR TİPİ - REDUCER TYPE	BPH323
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 40,37
KANCA FRENİ (MANYETİK) - HOOK BRAKE (MAGNETIC)	180 VAC / 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	3X65 Nm
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1300/1400/1450 rpm
REDÜKTÖR TİPİ - REDUCER TYPE	TCS3065DC
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 179,4

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

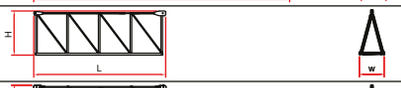
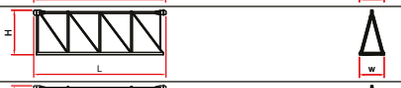
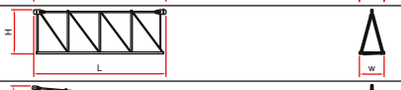
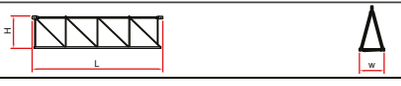
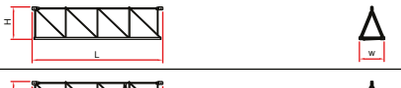
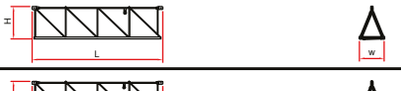
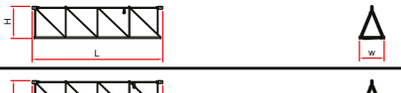
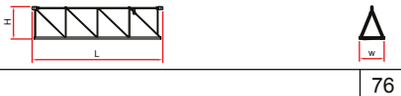
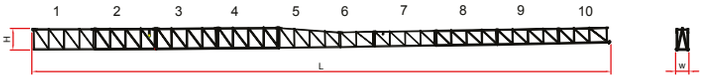
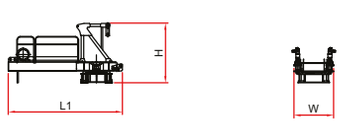
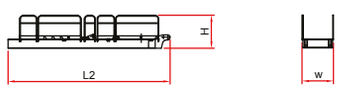
ŞARYO HALATI ÖZELLİKLERİ - TROLLEY ROPE FEATURES	
HALAT NOMİNAL ÇAPI - ROPE NOMINAL DIAMETER (mm)	8
HALAT (Tip) - ROPE (Type)	Anti-twisting
HALAT TİPİ - ROPE TYPE	Çelik - Steel
MİNİMUM KOPMA YÜKÜ - MINIMUM BREAKING LOAD (kN)	34,71
GERÇEK KOPMA YÜKÜ - ACTUAL BREAKING LOAD (kN)	43,55
TAMBUR ÖZELLİKLERİ - DRUM FEATURES	
OLUK BOŞLUĞU - GUTTER GAP (mm)	8,5
SARMA HALAT ÇAPI - WRAPPING ROPE DIAMETER (mm)	408

HIZ ÖZELLİKLERİ - SPEED FEATURES

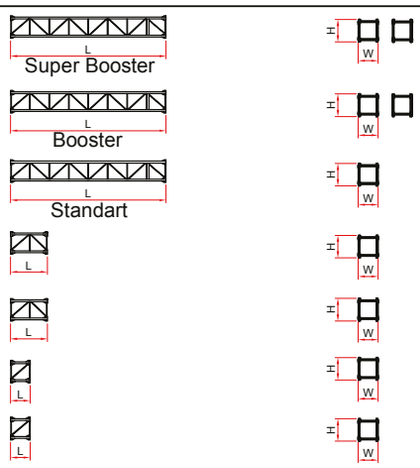
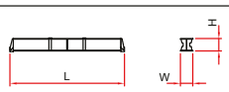
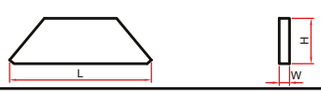
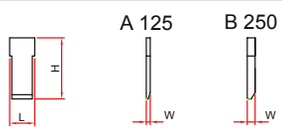
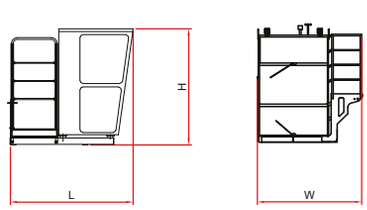
Hızlar Speeds	2'li Donanım - Two Falls		4'lü Donanım - Four Falls	
	Kg	m/dk - m/min	Kg	m k - m/min
1	12000	11	6000	11
2	12000	48	6000	48
3	6000	82	3000	82

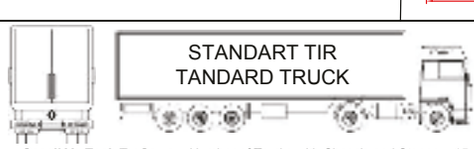
ŞARYO MOTOR VE REDÜKTÖR ÖZELLİKLERİ - TRANSPORTATION MOTOR AND REDUCER SPECIFICATIONS	
MOTOR TİPİ - ENGINE TYPE	ASENKRON
MOTOR GÜCÜ - ENGINE POWER	5,5 Kw / 7,5 Hp
MOTOR TRANSFER HIZI - ENGINE TRANSFER SPEED	1456 rpm
REDÜKTÖR TİPİ -REDUCER TYPE	PLANET
REDÜKTÖR TRANSFER ORANI - REDUCER TRANSFER RATE	i= 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	4x3 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

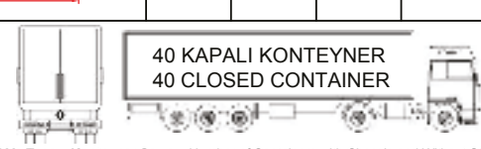
Parça Piece	**Açıklama** Explanation		**Çizim** Drawing	**Boyutlar** Dimensions			**Ağırlık** Weight (Kg)	
				L	W	H	Birim	Top.
1	**Bomlar** - Jibs	0		8.981	1.440	2.310	6856	6856
1		1		6.400	1.430	2.260	2706	2706
1		2		6.420	1.430	2.240	1906	1906
1		3		6.410	1.430	2.230	1678	1678
1		4		6.410	1.430	2.230	1556	1556
1		5		6.388	1.430	1.800	1114	1114
1		6		6.360	1.430	1.793	926	926
1		7		3.330	1.430	1.763	814	814
1		8		6.326	1.430	1.767	750	750
1		9		6.305	1.430	1.412	588	588
1		10		6.305	1.430	1.412	438	438
1		11		6.305	1.430	1.412	438	438
BOM JIB				76 m	77	1.440	2.310	12914	12914
				70 m	71	1.440	2.310	10208	10208
				64 m	65	1.440	2.310	8302	8302
				58 m	59	1.440	2.310	6624	6624
				52 m	53	1.440	2.310	5068	5068
				46 m	47	1.440	2.310	3954	3954
				40 m	41	1.440	2.310	3028	3028
1	**Kuyruk Tablası, Kanca Motoru, Elektrik Panosu vs.** Tail Table, Hook Motor,Electrical Panel etc.			2.300	2.300	2.265	5720	5720
1	**Kuyruk -** Tail			11.600	1.860	1.600	6700	6700

EKİPMAN TEKNİK VERİLERİ
EQUIPMENT TECHNICAL DATA

Parça Piece	**Açıklama** Explanation	**Çizim** Drawing		**Boyutlar** Dimensions L	W	H	**Ağırlık** Weight (Kg) Birim	Top.
1	**Mast** - Tower Element			11.80	2.290	2.290	7772	7772
				11.80	2.290	2.290	7092	7092
				11.80	2.290	2.290	6008	6008
				4.00	2.450	2.450	2596	2596
				2.95	2.290	2.290	1700	1700
				1.50	2.290	2.290	1200	1200
				1.50	2.290	2.290	1656	1656
1	**Şase Uzun Kol** - Chassis Long Arm		6,0x6,0mt	8.645	0.780	0.960	3475	3475
2	**Şase Kısa Kol** - Chassis Short Arm		6,0x6,0mt	4.323	0.680	0.974	1745	3490
4	**Yürüyüş Takımı Motorlu** Undercarriage Motorized			1.204	0.605	0.543	950	3800
2	**Şase Taşı** - Chassis Stone (T1)			6.00	0.50	1.200	8600	17200
36	**Şase Taşı** - Chassis Stone (T2)			4.00	0.50	1.400	4500	162000
4	**Destek Bloğu** - Support Block			4.60	0.80	0.60	3925	15700
2	**Kuyruk Taşı** - Tail Stone		A 125	3.000	0.185	1.200	1250	2500
6			B 250	3.000	0.370	1.200	2500	12500
1	**Kabin** - Cabin			2.749	2.10	2.289	850	850

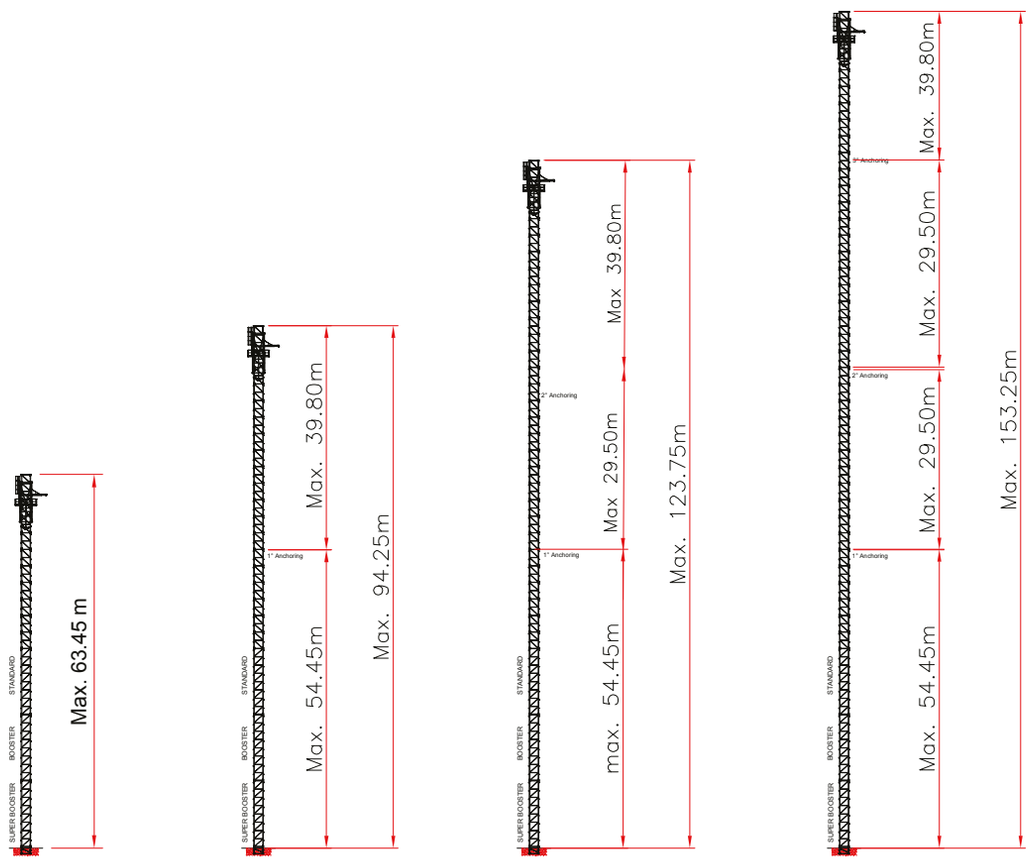


Şaseli Ve Taşlı Tır Sayısı - Number of Trucks with Chassis and Stones = 15
Ankrajlı Tır Sayısı - Number of Anchored Trucks = 11

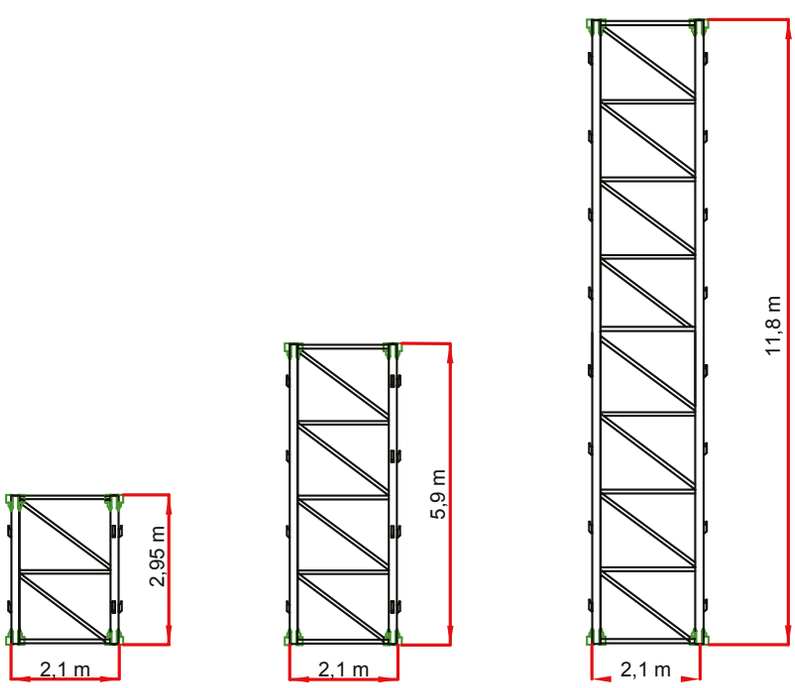


Şaseli Ve Taşsız Konteyner Sayısı - Number of Containers with Chassis and Without Stone = 13
Ankrajlı Konteyner Sayısı - Number of Anchored Containers = 13

STANDART KURULUM YÜKSEKLİKLERİ
STANDARD INSTALLATION HEIGHTS



KULE ELEMANLARI TİP 2, 10HC-52
TOWER ELEMENTS TYPE 2, 10HC-52



BESLEME KABLOSU ÖZELLİKLERİ
SUPPLY CABLE SPECIFICATIONS

Kaldırma Gücü Lifting Power	**Üç Kutup Artı Topraklama Kablosu İçin Tek Kablo Kesiti (mm²)** Single Cable Cross Section for Three Pole Plus Ground Cable (mm²)					
	0-30m	30-50m	50-100m	100-200m	200-300m	300-400m
80 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 Değiştirme 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	380-400V - 50Hz
Kaldırma Tipi 40-VF8 İle Versiyon Version with Lifting Type 40-VF8	
Toplam Güç (Yürüyüş Sistemi Olmadan) Total Power (Without Drive System)	80 Kw
Toplam Güç (Yürüyüş Sistemi İle) Total Power (With Drive System)	92 Kw
Termal Koruma Thermal Protection	160A
Diferansiyel Koruma Differential Protection	id=30ma
Jeneratör (Gerekli Olduğu Durumlarda) Generator (When Necessary)	300 KWA



ÜRETİM
PRODUCTION



ÜRETİM

Tgm Kule Vinç, 2011 yılında Düzce Beyköy Organize Sanayi Bölgesinde üretimine başladığı serüvende bugün, 15.000 m^2 kapalı toplamda 33.000 m^2 alana sahip Düzce Gümüşova Organize Sanayi Bölgesinde, toplam 200'den fazla çalışmakta olan personeli, Yurt içi ve Yurt Dışı olmak üzere satış noktaları, Yurt içi 30'a yakın Tgm Kule Vinç Yetkili Servis Merkezi ile Türkiye' nin 81 ili ve Yurt dışında 11 ülkeye tecrübesi ile hizmet vermektedir.

PRODUCTION

In its adventure, where Tgm Kule Vinç started its production in Düzce Beyköy Organized Industrial Zone in 2011, today it operates in Düzce Gümüşova Organized Industrial Zone, which has a total area of 33,000 m^2, of which 15,000 m^2 is closed, with a total of more than 200 personnel, domestic and international sales points, and domestic and international sales points. With nearly 30 TGM Tower Crane Authorized Service Centers, it serves 81 provinces of Turkey and 11 countries abroad with its experience.

TGM® KULE VİNÇ



KİRALAMA
RENTAL SERVICE



KİRALAMA

TGM KULE VİNÇ, 10 yılı aşkın süredir ülkemizin kiralık kule vinç sektörü pazarında profesyonel kiralama hizmeti sunmaktadır. Türkiye' nin tüm bölgelerine hitap eden geniş teknik servis hizmet ağı, yedek parça tedariği, ekipman kiralaması, profesyonel kadrosu ve sunduğu yüksek hizmet kalitesi ile, tüm inşaat projelerine kiralama hizmeti vermektedir.

RENTAL SERVICE

TGM KULE VİNÇ has been offering professional rental services in our country's rental tower crane industry market for more than 10 years. It provides rental services to all construction projects with its wide technical service network addressing all regions of Turkey, spare parts supply, equipment rental, professional staff and high service quality.

TGM® KULE VİNÇ



TEKNİK SERVİS
TECHNICAL SERVICE



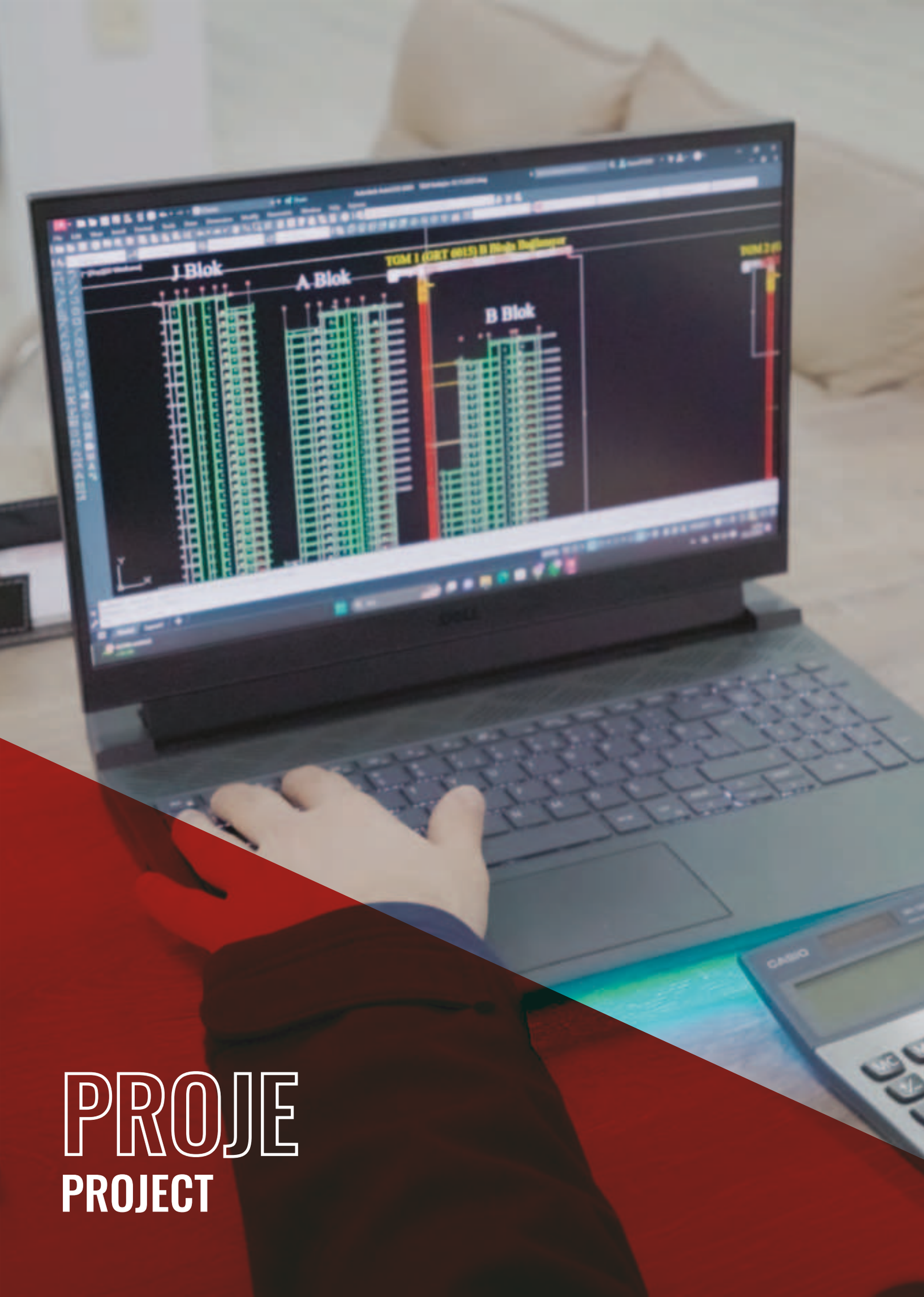
TEKNİK SERVİS

Alınan her proje, müşterilerimizin her isteği, "TGM" güvencesi altındadır. TGM' nin, teknik servis hizmetleri konusunda temel yaklaşımı, müşterilerine en hızlı, en güvenilir, en doğru hizmeti, en ekonomik şekilde vermek olup, hizmetlerinin geliştirilmesi, teknik servis hizmet çeşitliliğinin sağlanması ve aralıksız değişen ve gelişen teknolojiyi yakından takip edebilmesi için sürekli olarak yatırımlar yapmaktadır.

TECHNICAL SERVICE

Every project taken, every request of our customers, is under the assurance of "TGM". TGM's basic approach to technical services is to provide the fastest, most reliable, most accurate service to its customers in the most economical way, and it constantly makes investments to improve its services, provide technical service diversity and closely follow the ever-changing and developing technology. .

TGM®
KULE VİNÇ



PROJE
PROJECT



PROJE

İhtiyaçlarınıza uygun kule vinçler, projeniz ve şantiye sahanız incelenerek firmamız bünyesinde bulunan uzman mühendislerimiz tarafından yerleşimi yapılır. Kule vincin verimli bir şekilde çalışması sağlanır ve tandart ekipmanlar dışında gerekli olan ekipmanlar, mühendislerimiz tarafından projelendirilerek, fabrika bünyesinde üretime alınarak kule vincin sahanızda en güvenli bir şekilde çalışması sağlanır.

PROJECT

Tower cranes suitable for your needs are examined by your project and construction site and placed by our expert engineers within our company. It is ensured that the tower crane operates efficiently, and it is ensured that the tower crane operates in the safest way on its site by designing a project by our engineers and putting it into production within the factory, in compliance with what is required beyond the standard.

TGM®
KULE VİNÇ



YEDEK PARÇA

SPARE PART



YEDEK PARÇA

TGM orijinal yedek parçaları sizin ve kule vinciniz güvenliği için tamamen özel olarak tasarlanmış ve üretilmiştir. Dayanıklılık ve güvenliği için tasarımı, materyal seçimi ve parçaların birbiri ile olan uyumu uzun yıllar yoğun çalışmalar ve yatırımlarla gerçekleştirilmiştir. Bunun yanı sıra kalite, güvenilirlik ve dayanıklılık garantisi için olağanüstü koşullarda çok çeşitli testlerden geçirilmiştir.

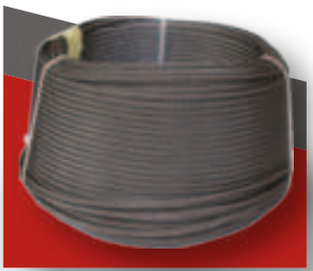
SPARE PART

TGM original spare parts are completely specially designed and manufactured for the safety of you and your tower crane. The design, material selection and compatibility of the parts for durability and safety have been carried out with intensive studies and investments for many years. In addition, it has been subjected to a wide range of tests under extreme conditions to guarantee quality, reliability and durability.

TGM® KULE VİNÇ

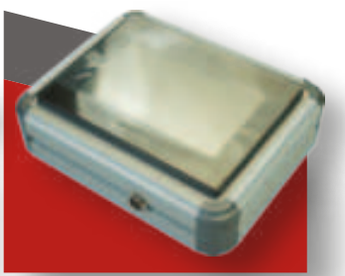
YEDEK PARÇALAR
SPARE PARTS


KANCA - HOOK

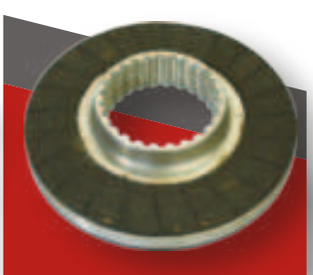

HALAT - ROPE



TAKİP SİSTEMİ - TRACKING SYSTEM


GÖSTERGE EKRANI - DASHBOARD

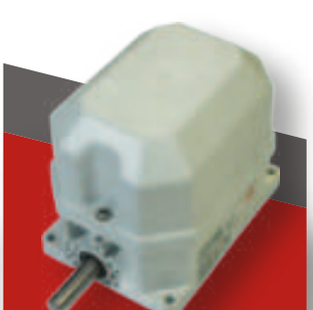

TAMBUR - DRUM

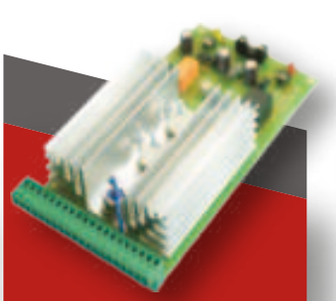

BALATA - BRAKE PAD


TUR SWITCH - TOUR SWITCH


PLC MODÜL - PLC MODULE


JOYSTİK - JOYSTICK

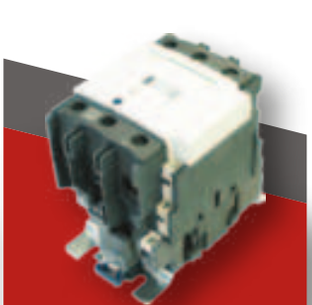

KANCA SWITCH - HOOK SWITCH

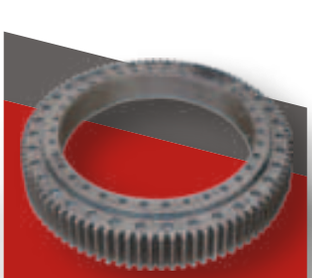

DÖNÜŞ KARTI - RETURN CARD


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 inşaa 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



FRANSA
FRANCE



K.KIBRIS
N.CYPRUS



SUDAN
SUDAN



SENEGAL
SENEGAL



İRAN
IRAN



UKRAYNA
UKRAINE



GÜRCİSTAN
GEORGIA



RUSYA
RUSSIA



MOZAMBİK
MOZAMBIQUE



ÖZBEKİSTAN
UZBEKISTAN



AZERBAYCAN
AZERBAIJAN

TGM® KULE VİNÇ



TGM KULE VİNÇ

ADRES: Merkez Mahallesi, Zafer Caddesi, No: 12 / 2-1 Gümüşova/Düzce/TÜRKİYE
MAİL: info@tgmkulevinc.com.tr
TELEFON: +90 (850) 302 0 846
WEB: www.tgmkulevinc.com.tr