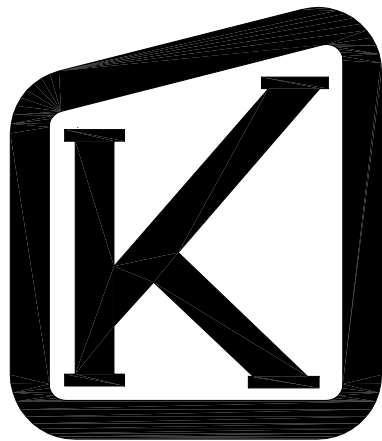
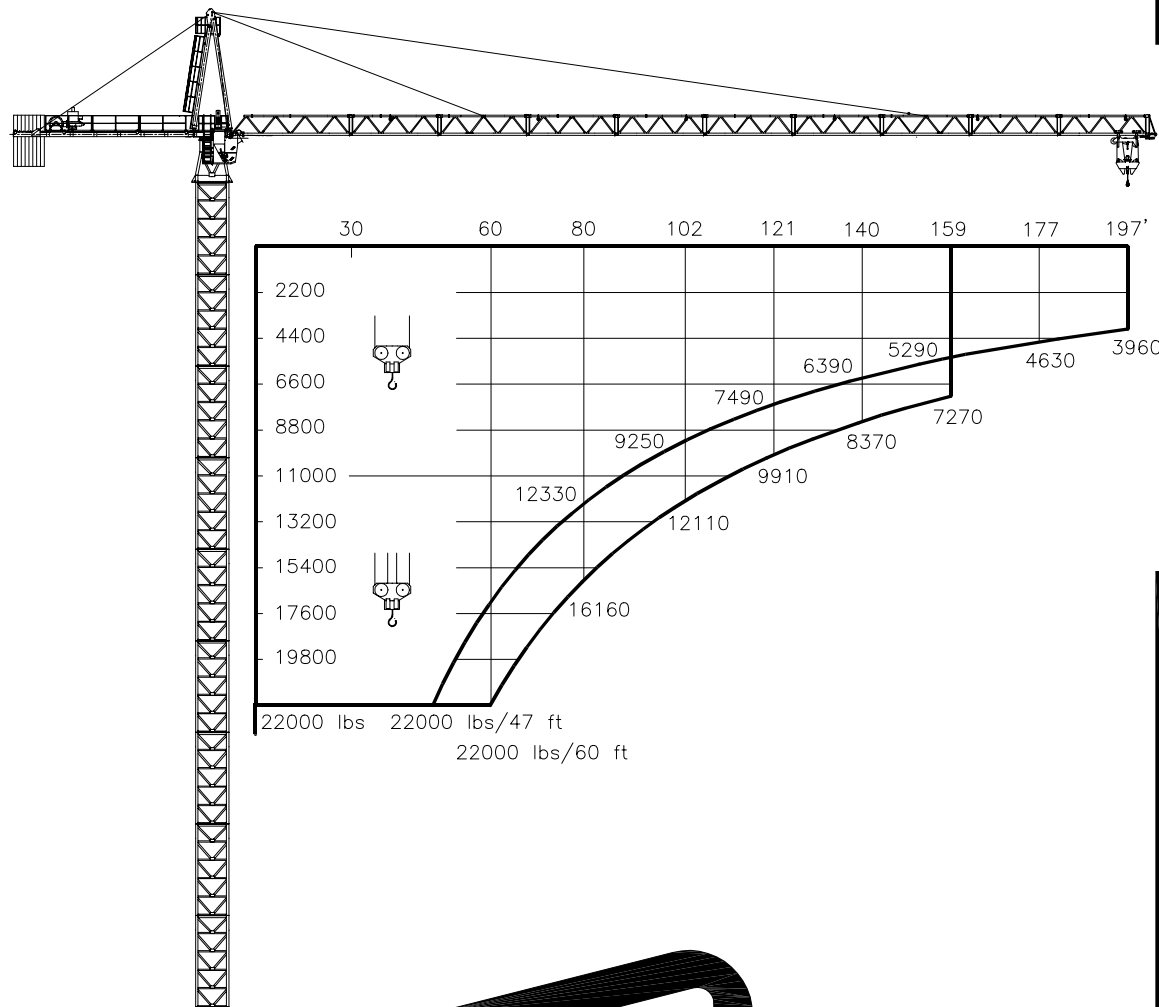


TECHNICAL  
DATA

K-160



Mast sections  
M22.1 / M22.2

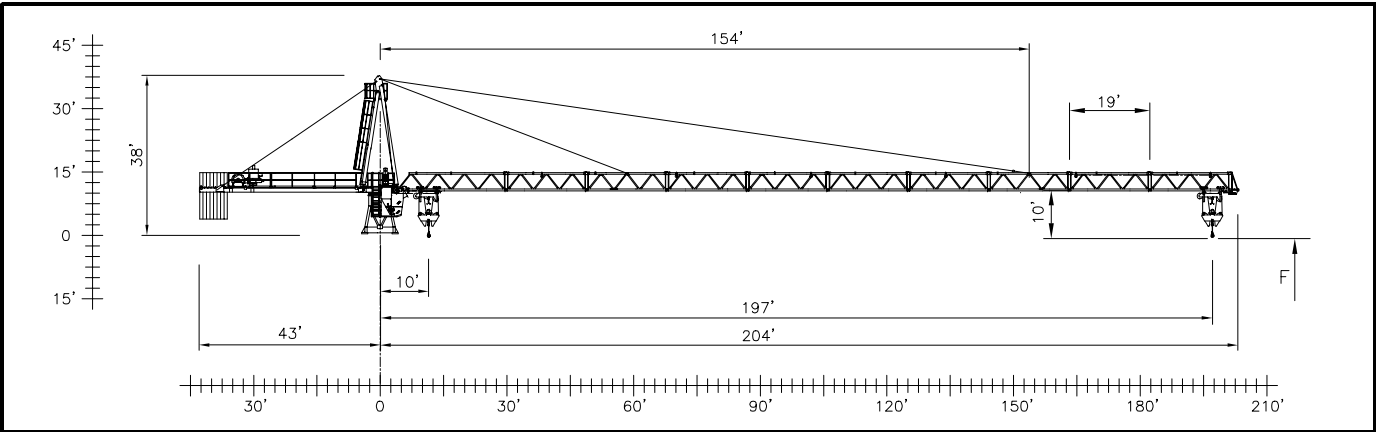
	3 x 480 V	CONTROL VOLTAGE / STEUER SPANNUNG
	60 Hz	
		24 VDC - 220 VAC

	HOIST WINCH/HUBWERK	44 kW	66 kW
	POWER CONSUMPTION/STROMVERBRAUCH	80 kVA	110 kVA
	FUSE / SICHERUNG	80 Amps	125 Amps
	POWER CABLE / HAUPTKABEL	4 x 2 AWG	4 x 1/0 AWG
	0-350 ft	4 x 2 AWG	4 x 1/0 AWG
	350-600 ft	4 x 1/0 AWG	4 x 2/0 AWG
	600-800 ft	4 x 2/0 AWG	4 x 3/0 AWG
	0 - 3300 lbs	0 - 400 ft/min	0 - 580 ft/min
	3300 - 5750 lbs	0 - 260 ft/min	0 - 400 ft/min
	5750 - 11000 lbs	0 - 150 ft/min	0 - 230 ft/min
	0 - 6600 lbs	0 - 200 ft/min	0 - 290 ft/min
	6600 - 11500 lbs	0 - 130 ft/min	0 - 200 ft/min
	11500 - 22000 lbs	0 - 75 ft/min	0 - 115 ft/min

	2 x 5 kW	MAX JIB MAX AUSLEGER	0 - 0.7 RPM
	7.1 kW	22000 lbs	0 - 230 ft/min
	4 kW units amounts depends on erection height	F <sub>max</sub>	80 ft/min

HOIST ROPE HUB-SEIL	ø15 mm - FILL FACTOR 0.65 - 1770 MPa BREAKING STRESS 44/66 kW HOIST WINCH 1650 ft >1650 ft *	BRUCHSPANNUNG
TROLLEY ROPE LAUFKATZE-SEIL	ø8 mm	

\* CONSULT KRØLL CRANES A/S - NEHMEN SIE MIT KRØLL CRANES A/S KONTAKT AUF



The diagram illustrates the assembly of a crane. It shows a top tower (1) with a masthead (2) and cabin (3). A rear jib (4) is attached to the masthead. A CTM1622 (5) is mounted on the tower. The tower is supported by base pads (13) and CT22 (14). A hoist winch (15) is attached to the rear jib. The diagram also shows a section of the crane's lattice structure (6-7-8) and a section of the crane's base (9-10). The diagram is labeled with numbers 1 through 15, corresponding to the items listed in the tables.

APPROX. ERECTION WEIGHTS  
UNGEFÄHRE MONTAGEGEWICHTE

ft	lbs
197	22470
177	21370
159	20260
140	19160
121	18060
102	16960

POS	ITEM	lbs
1	TOP TOWER	4790
2	MASTHEAD	8420
3	CABIN	4410
4	REAR JIB	10280
5	CTM1622	5510
6	M22-1	5620
7	M022-1	6040
8	M22-2	8830

POS	ITEM	lbs
9	B22-1, 6m	16910
10	B22-2, 6m	23130
11	N22-1	2200
12	N22-2	2970
13	BASE PADS (4)	1960
14	CT22	19820
15	HOIST WINCH	4130
16		

EXTRA EQUIPMENT AVAILABLE	
WALL TIE FRAMES, CABLE DRUMS, CURVE RUNNING AND 90° TURN BOGIES, ELEVATOR, FLOOD LIGHTING	
ZUSÄTZLICHE AUSRÜSTUNG VERFÜGBAR	
EINSPANNRAHMEN, KABELTROMMEL, KURVENFAHRENDE UND 90° DREHSCHEMEL, AUFZUG, SCHEINWERFER	

THE DESIGN AND TECHNICAL SPECIFICATIONS GIVEN ARE APPLICABLE TO THE STANDARD MACHINE OF CRANE K-160. MODIFICATIONS ACCORDING TO SPECIAL REQUIREMENTS REGARDING FOR EXAMPLE HOOK HEIGHT, JIB LENGTH, RAIL GAUGE, ETC.. ARE AVAILABLE. PLEASE CONTACT KRØLL CRANES A/S.	
DIE KONSTRUKTIONS- UND TECHNISCHEN DATEN BEZIEHEN SICH AUF DIE STANDARDAUSFÜHRUNG DES KRANTYPS K-160. INDIVIDUELLE FORDERUNGEN Z.B AN HAKENHÖHE, AUSLEGERLÄNGE, SPURWEITE USW. KÖNNEN BERÜCKSICHTIGT WERDEN. NEHMEN SIE MIT KRØLL CRANES A/S KONTAKT AUF.	

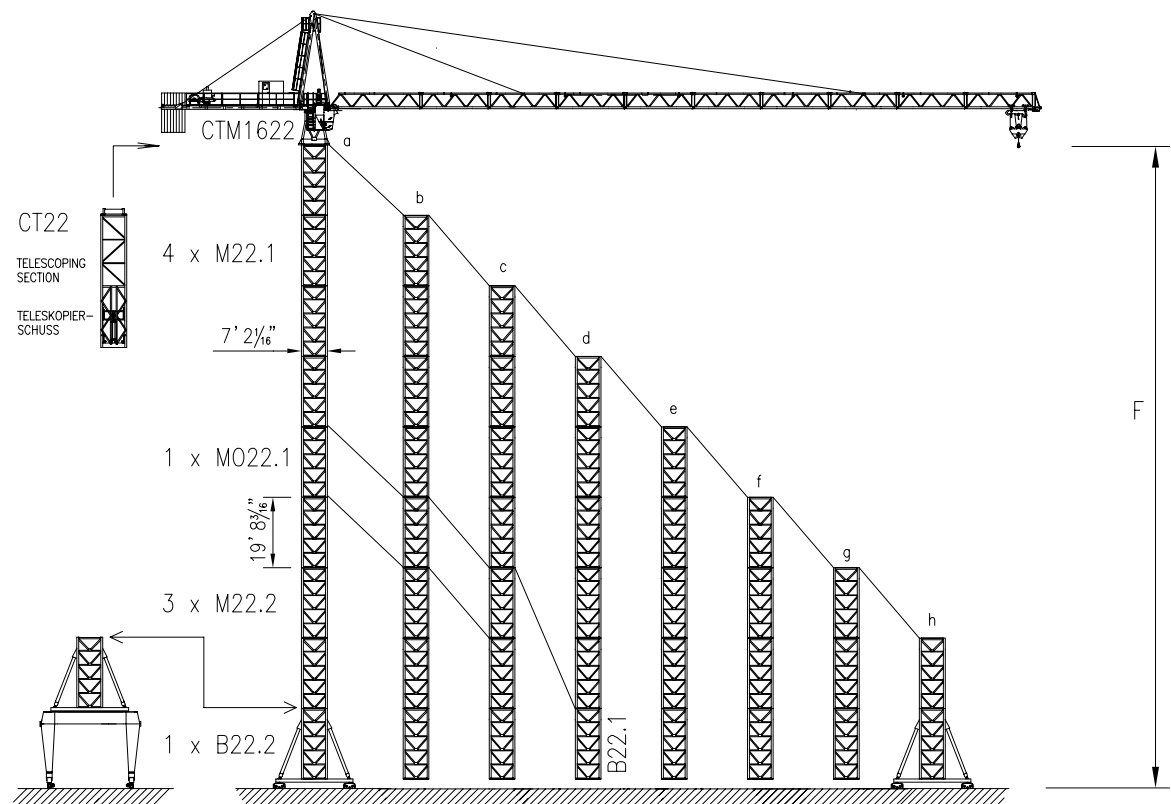
KRØLL CRANES A/S


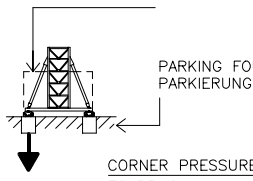
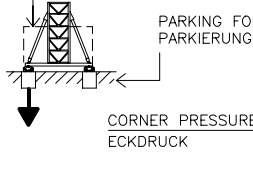
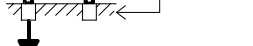
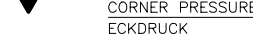
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CONVERSION OF THE UNITS FOR FORCES UMRECHNUNG DER EINHEITEN FÜR KRÄFTE	1 kips = 1000 lbs	SUBJECT TO ALTERATIONS ÄNDERUNGEN VORBEHALTEN	DIN	DATA SHEET DATABLATT	K-160 010401
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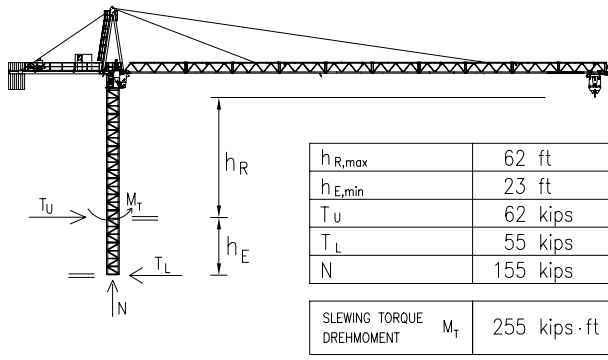
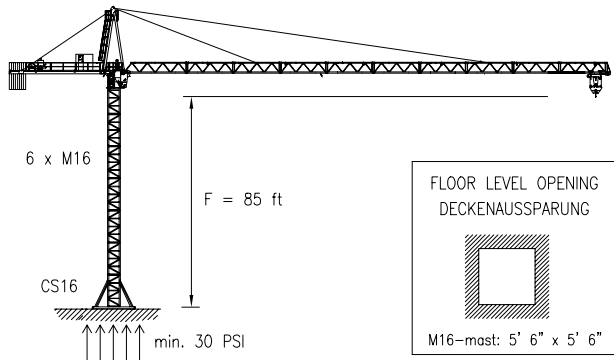
K-160 ON RAILS / AUF SCHIENEN



HOOK HEIGHT / HAKENHÖHE	F	ft	a	b	c	d	e	f	g	h
	RAIL GAUGE SPURWEITE	ft	19' 8 3/16"							
	BALLAST	kips	73	51	36	33	20	27	51	38
	PARKING FOUNDATIONS * PARKIERUNGSFUNDAMENTE x4	kips	55	42	33	27	22	14	0	0
	IN SERVICE IM BETRIEB	kips	205	188	161	139	121	108	97	88
	OUT OF SERVICE AUSSER BETRIEB	kips	262	229	183	139	104	77	69	64

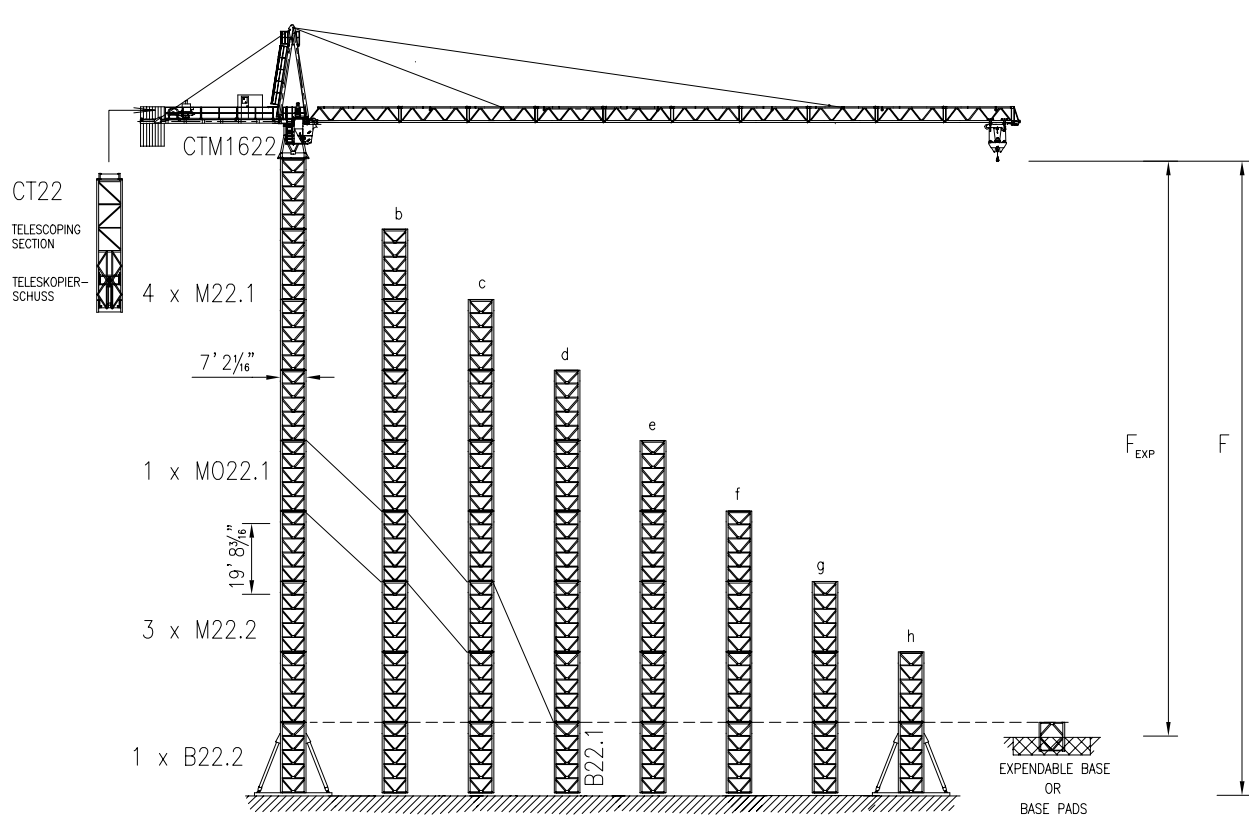
\* THE WEIGHT EQUAL TO THE PARKING FOUNDATION BLOCKS MAY BE PLACED ON THE CROSS AS BALLAST UP TO TOTAL 220 KIPS  
DAS GEWICHT DER PARKIERUNGSFUNDAMENTE DARF AUF DEM KREUTZ ALS BALLAST (MAX TOTAL 220 KIPS) GELEGEN WERDEN

K-160 CLIMBER / KLETTERKRAN



h <sub>R,max</sub>	62 ft
h <sub>E,min</sub>	23 ft
T <sub>u</sub>	62 kips
T <sub>l</sub>	55 kips
N	155 kips
SLEWING TORQUE DREHMOMENT	M <sub>T</sub> 255 kips · ft

K-160 STATIONARY / STATIONÄR



HOOK HEIGHT / HAKENHÖHE		F	ft	a	b	c	d	e	f	g	h
	BALLAST	kips	29' 6 3/8" BX 145	218	199	144	108	80	55	42	
	IN SERVICE IM BETRIEB	kips	137	170	148	130	113	99	88	82	
	OUT OF SERVICE AUSSER BETRIEB	kips	181	221	177	137	99	75	69	64	

	B x B x H	F	ft	180	160	141	121	101	82	62	42
	H=3' 4"	B	ft	27	25	23	23	23	23	23	23
	FOUNDATION WEIGHT FUNDAMENTSGEWICHT	kips	355	298	258	258	258	258	258	258	258

	B x B x H	F <sub>EXP</sub>	ft	160	141	121	101	82	62	42	
	H=4' 7"	B	ft	24	22	20	18	18	17	17	
	FOUNDATION WEIGHT FUNDAMENTSGEWICHT	kips	373	322	276	223	214	199	192		

JIB CONFIGURATION

JIB LENGTH AUSLEGER-LÄNGE	INNER SECTION	HEAVY SECTION	HEAVY EYE SECTION	HEAVY SECTION	LIGHT SECTION	LIGHT EYE SECTION	LIGHT SECTION	INNER STAY INNERE ZUGSTANG						OUTER STAY ÄUSSERE ZUGSTANG						COUNTERWEIGHT GEGENGEWICHT		
								1900 mm	700 mm	3110 mm	6100 mm	5440 mm	1150 mm	1110 mm	2450 mm	6100 mm	5670 mm	5710 mm	1150 mm	6608 lbs	1100 lbs	TOTAL lbs
197 ft	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1	4	1	2	1	8	0	52864
177 ft	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	4	1	2	1	7	0	46256
159 ft	1	1	1	1	3	1	0	1	1	1	1	1	1	1	1	4	1	2	1	7	0	46256
140 ft	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	4	1	1	1	6	0	39648
121 ft	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	4	1	0	1	5	1	34140
102 ft	1	0	1	2	0	1	0	1	1	1	1	0	1	1	1	4	0	0	1	4	3	29732

AUSLEGER KONFIGURATION