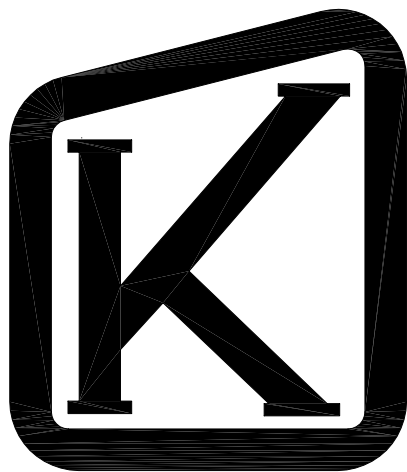
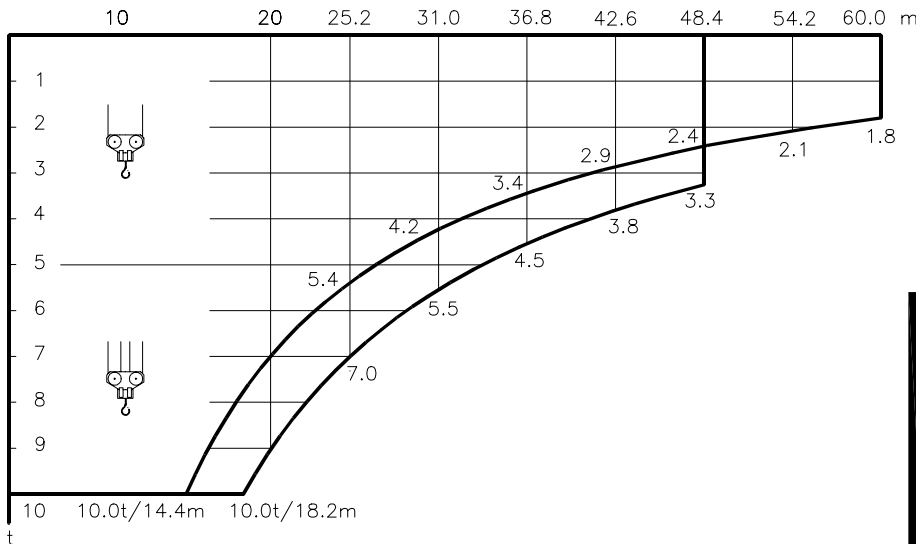
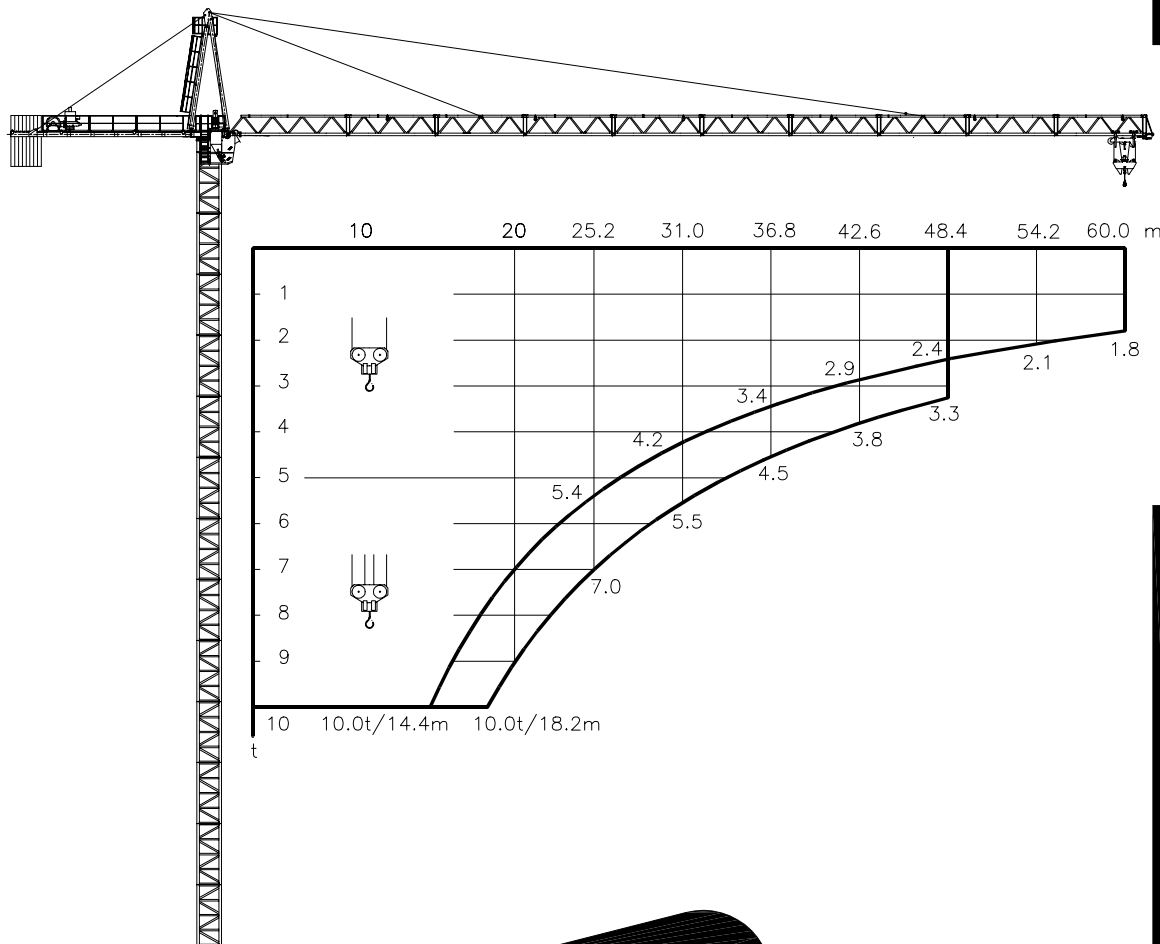


TECHNICAL
DATA

K-160



Mast sections
M16.1 / M16.2

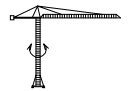
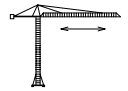
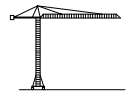
KRØLL CRANES A/S

Nordkranvej 2 · DK-3540 Lyngby · Denmark · Phone: +45 48 187400 · Fax: +45 48 188807

E-mail: krollcranes@krollcranes.dk · www.krollcranes.com

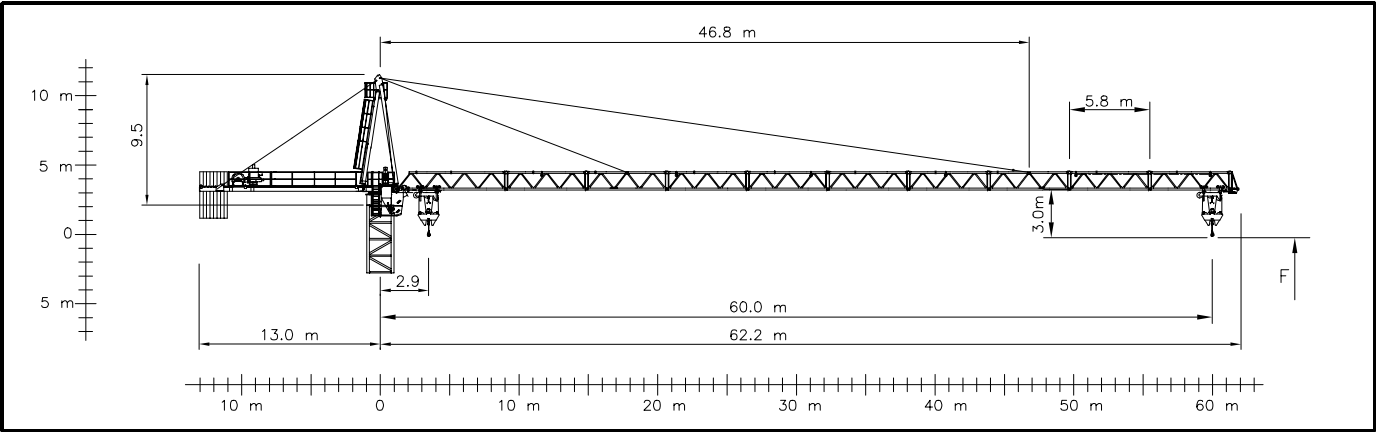
	STANDARD VOLTAGES 3 x 380-440 V, 50-60 Hz	CONTROL VOLTAGE / STEUER SPANNUNG 24 VDC - 220 VAC
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	HOIST WINCH/HUBWERK	30 kW (optional)	56 kW (standard)
	POWER CONSUMPTION/STROMVERBRAUCH	60 kVA	90 kVA
	FUSE / SICHERUNG	100 Amps	125 Amps
	POWER CABLE	0-100 m	4G35
	HAUPTKABEL	100-175 m	4G35
		175-250 m	4G50
	0-2500 kg	0 - 60 m/min	0 - 100 m/min
	0-5000 kg	0 - 30 m/min	0 - 60 m/min
	0-5000 kg	0 - 30 m/min	0 - 50 m/min
	0-10000 kg	0 - 15 m/min	0 - 30 m/min

	2 x 5 kW	MAX JIB MAX AUSLEGER	0 - 0.7 RPM
	7.1 kW	0-5 t 5-10 t	0 - 70 m/min 0 - 50 m/min
	4 kW units	F _{max}	25 m/min

HOIST ROPE HUB-SEIL	ø15 mm - FILL FACTOR 0.65 - 1770 MPa BREAKING STRESS 56 kW HOIST WINCH 500 m >500 m *	BRUCHSPANNUNG
TROLLEY ROPE LAUFKATZE-SEIL	ø8 mm	

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



APPROX. ERECTION WEIGHTS
UNGEFÄHRE MONTAGEGEWICHTE

Diagram illustrating the components of a crane structure, numbered 1 through 14. The components are listed in the table below.

L	kg
60	10200
54	9700
48	9200
42	8700
36	8200
31	7700

POS	ITEM	kg
1	TOP TOWER	2175
2	MASTHEAD	3824
3	CABIN	2000
4	REAR JIB	4668
5	HOIST WINCH	1875
6	M16	1680
7	M016	1760
8	M16-2	4020

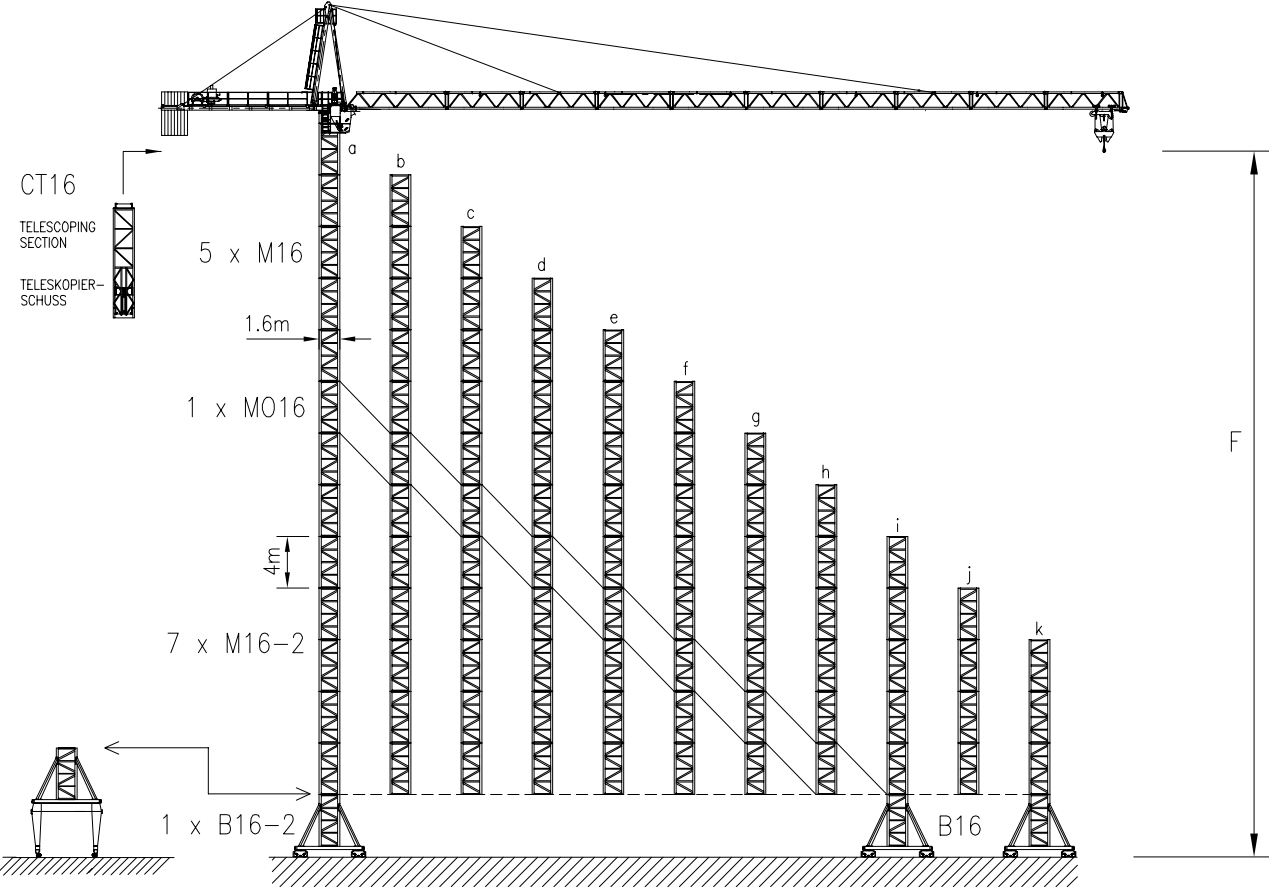
POS	ITEM	kg
9	B16, 6m	2200
10	B16-2, 6m	4000
11	N16	900
12	N16-2	1500
13	BASE PADS (4)	888
14	CT16	5700
15		
16		

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

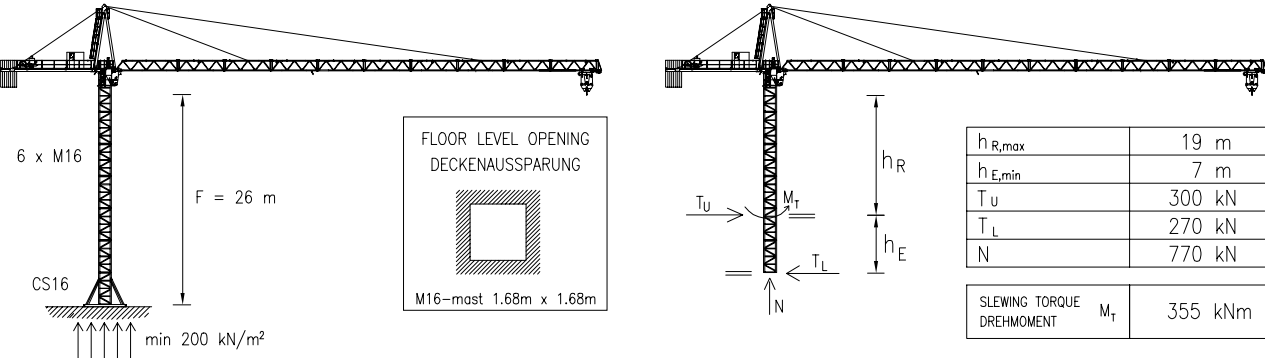
CONVERSION OF THE UNITS FOR FORCES UMRECHNUNG DER EINHEITEN FÜR KRÄFTE	10 N = 1 kg 10 kN = 1 ton	SUBJECT TO ALTERATIONS ÄNDERUNGEN VORBEHALTEN	F.E.M	DATA SHEET DATABLATT	K-160 010401
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K-160 ON RAILS / AUF SCHIENEN

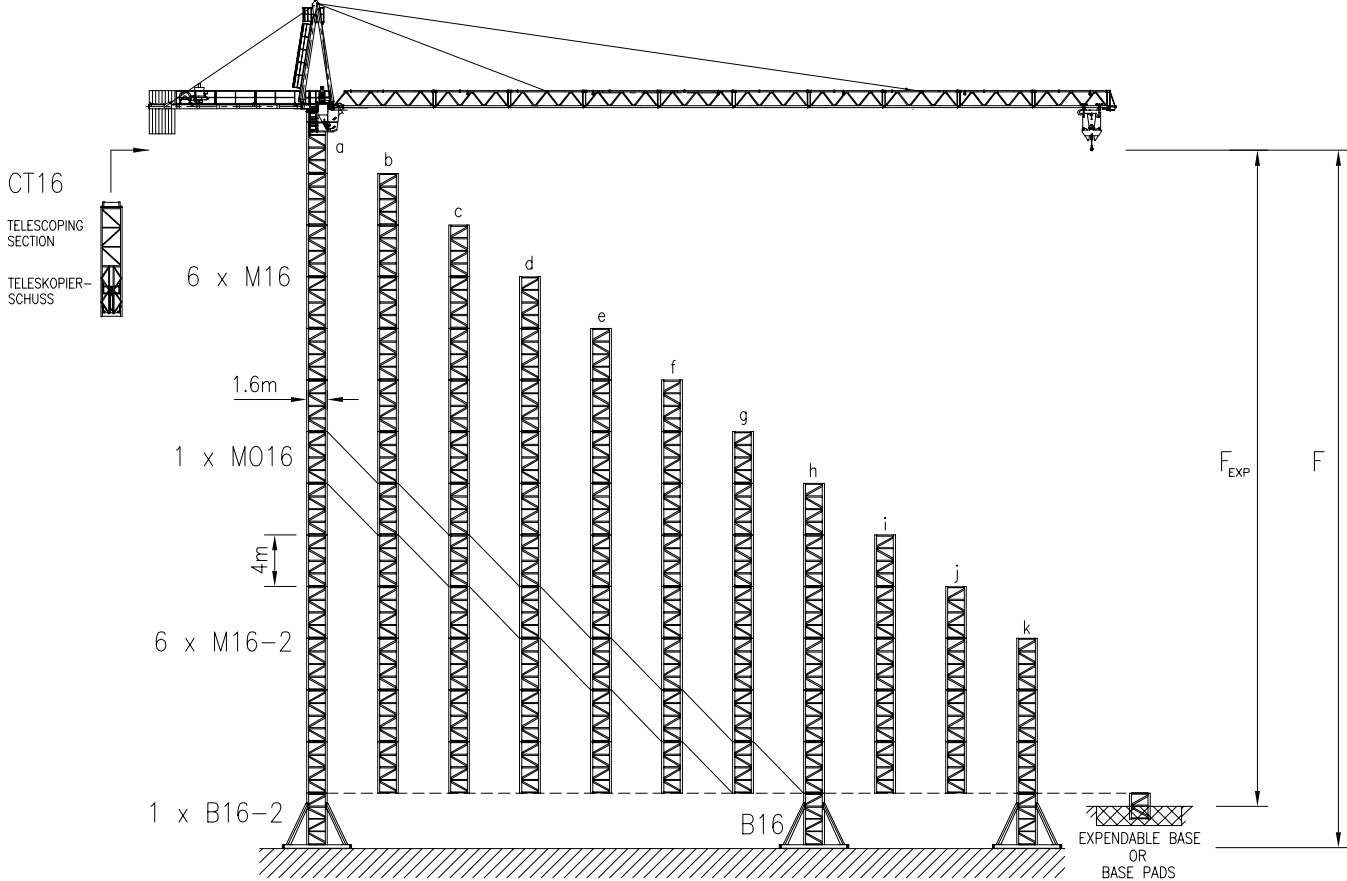


HOOK HEIGHT / HAKENHÖHE	F	m	a	b	c	d	e	f	g	h	i	j	k
RAIL GAUGE SPURWEITE	m		55	51	47	43	39	35	31	27	23	19	15
BALLAST	t		98	69	62	56	50	45	41	38	36	32	30
PARKING FOUNDATIONS PARKIERUNGSFUNDAMENTE	x4	t	0	0	0	0	0	0	0	0	0	0	0
IN SERVICE IM BETRIEB	kN		970	890	820	750	690	640	590	550	510	470	440
OUT OF SERVICE AUSSER BETRIEB	kN		1270	1090	940	800	660	550	450	380	360	340	330

K-160 CLIMBER / KLETTERKRAN



K-160 STATIONARY / STATIONÄR



HOOK HEIGHT / HAKENHÖHE	F	m	a	b	c	d	e	f	g	h	i	j	k
BALLAST	t		97	74	59	54	50	47	44	41	37	35	32
IN SERVICE IM BETRIEB	kN		860	760	690	650	600	570	530	490	460	430	410
OUT OF SERVICE AUSSER BETRIEB	kN		1220	1050	900	770	640	530	430	360	340	330	320
B x B x H	F	m	54	50	46	42	38	34	30	26	22	18	14
H=1.0m	B	m	7.0	7.5	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
min 200 kN/m²	FOUNDATION WEIGHT FUNDAMENTSGEWICHT	ton	146	132	118	115	115	115	115	115	115	115	115
B x B x H	F _{EXP}	m	50	46	42	38	34	30	26	22	18	14	10
H=1.4m	B	m	7.3	6.9	6.5	6.1	5.8	5.7	5.6	5.5	5.4	5.3	5.2
min 200 kN/m²	FOUNDATION WEIGHT FUNDAMENTSGEWICHT	ton	175	157	139	122	110	107	103	100	96	92	89

JIB CONFIGURATION												AUSLEGER KONFIGURATION												
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			TOTAL t		
60 m	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	4	1	2	1	8	0	24.0
54 m	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	4	1	2	1	7	0	21.0
48 m	1	1	1	1	3	1	0	1	1	1	1	1	1	1	1	1	1	4	1	2	1	7	0	21.0
42 m	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	4	1	1	1	6	0	18.0
36 m	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	4	1	0	1	5	1	15.5
31 m	1	0	1	2	0	1	0	1	1	1	1	0	1	1	1	1	1	4	0	0	1	4	3	13.5