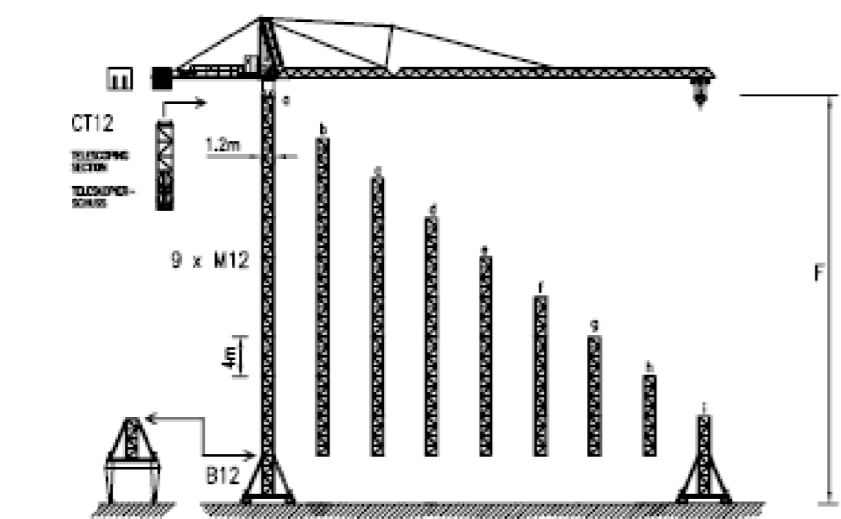
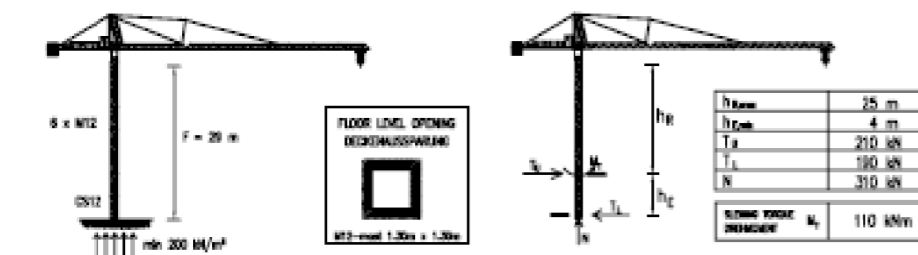


K-70 ON RAILS / AUF SCHIENEN

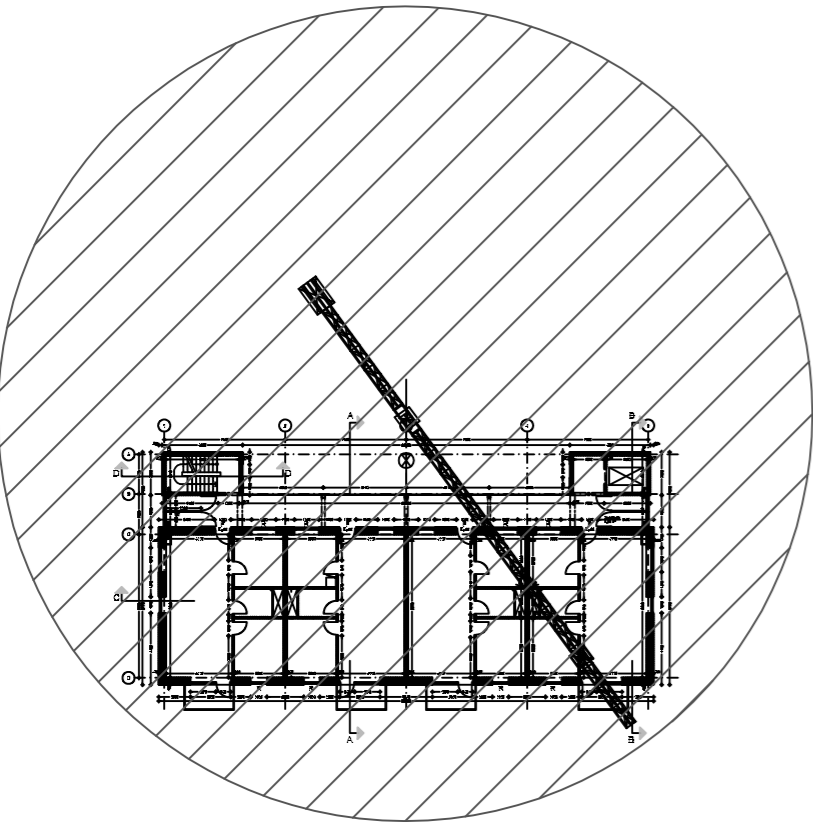


HOOK HEIGHT / HAKENHÖHE	F	m	c	b	c	e	e	f	g	h	i
	41	37	33	29	25	21	17	13	9		
RAIL SPACING	4.5										
BALLAST	t	46	35	26	18	15	15	15	15	15	
FIXING FOUNDATIONS	t	0	0	0	0	0	0	0	0	0	
CORNER PRESSURE	kN	430	380	330	290	260	250	240	220	210	
OUT OF CORNER PRESSURE	kN	480	380	290	230	190	180	170	170	160	

K-70 CLIMBER / KLETTERKRAN



h _{max}	25 m
h _{min}	4 m
T _h	210 kN
T _l	180 kN
N	310 kN
SLINGING FORCE	110 kN/m



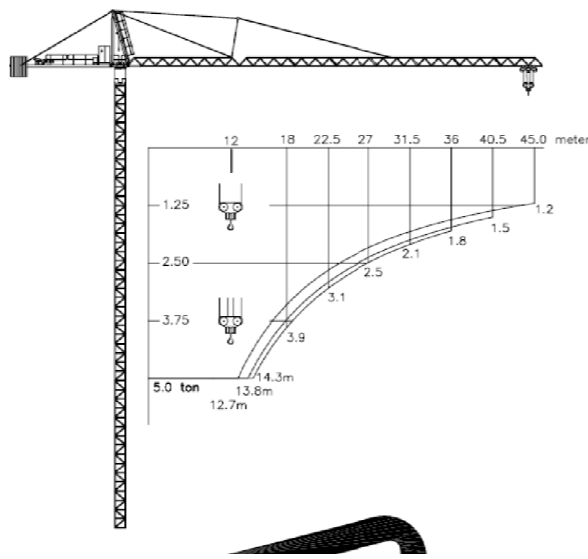
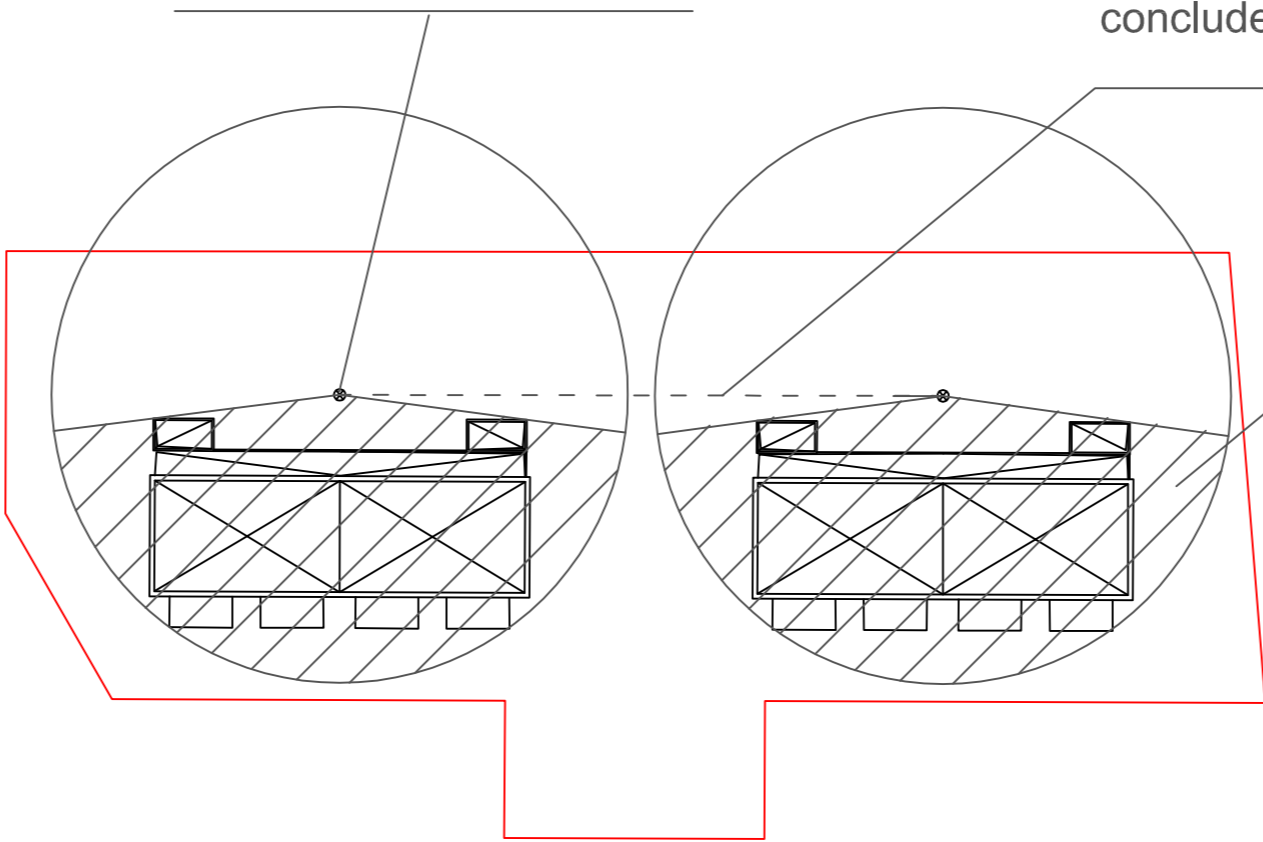
CRANE'S OPERATING AREA. RISK AREA.

CRANE SELECTION CRITERIAS

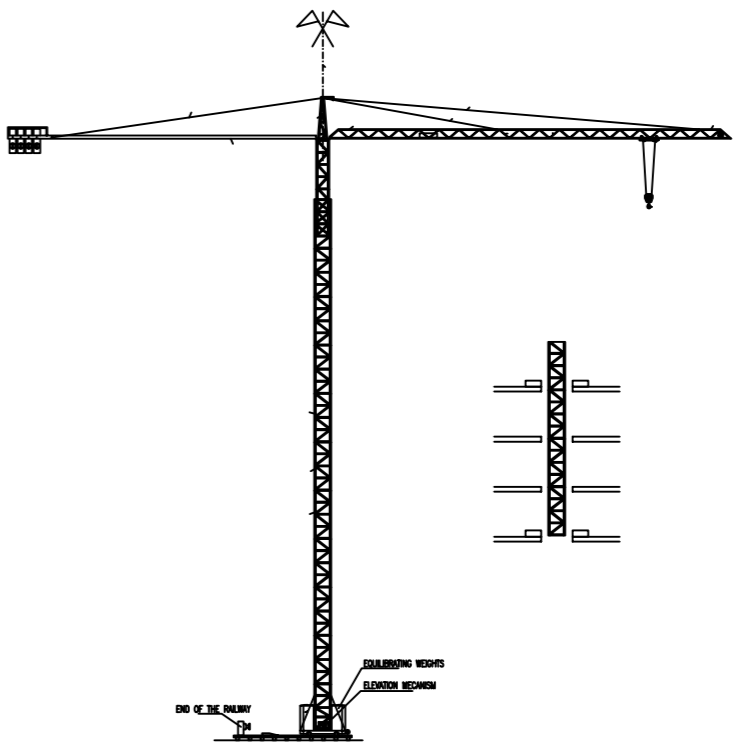
CRANE STACIONARY POINT: When the crane will be working it will stay in a specific point. This place has been calculated in order to need the shortest crane arm.

RAILWAY LINE: The crane will be moved once the works at the first block of dwellings have been concluded.

CRANE OPERATING AREA: This area has to be specially taken into account because of its accident risk. There wont be any work above the carried material or element when the crane is being used.

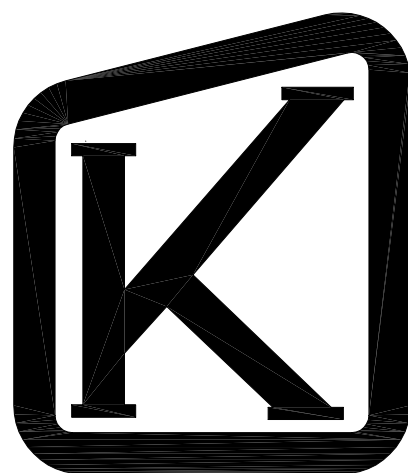
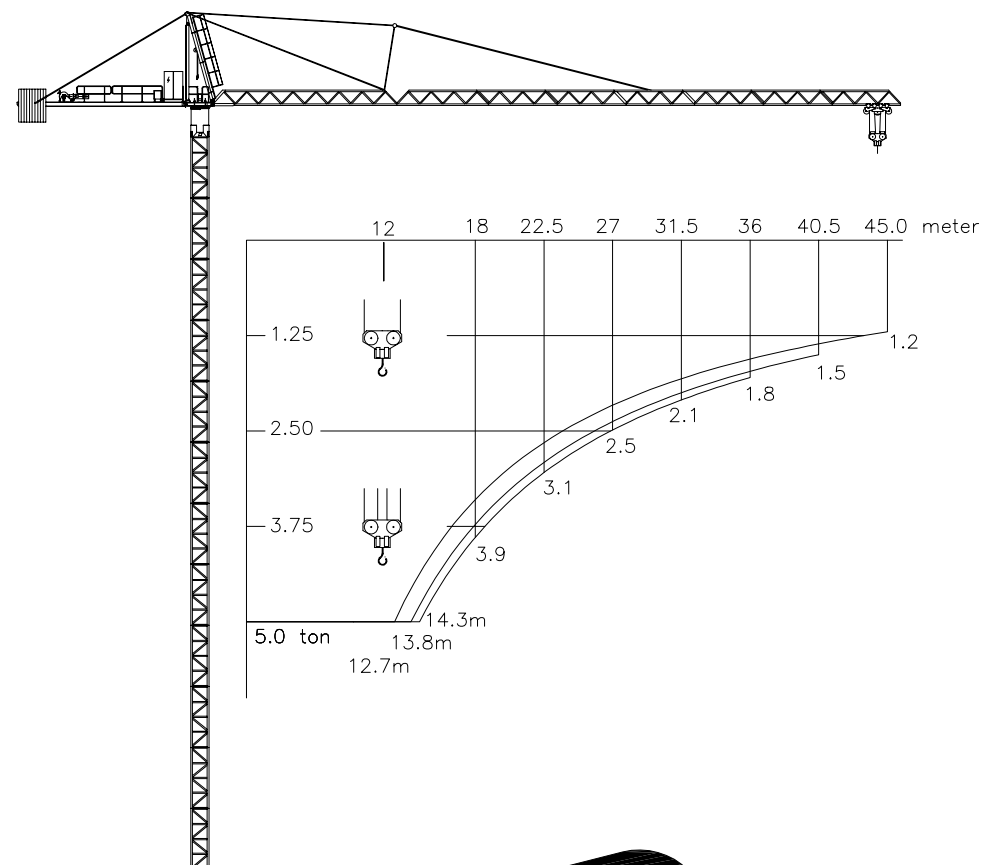


CRANE'S MEASURES AND WEIGHTS DIAGRAM
According to the diagram it can lift a maximum of 3,1 tones at it's edge, so the crane can carry prefabricated wall panels as well as some other materials.







CRANE'S HEIGHT: 12.68 + 5 (SECURITY)
CRANES NECESSARY ARM: 23.21


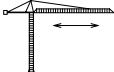

K-70




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

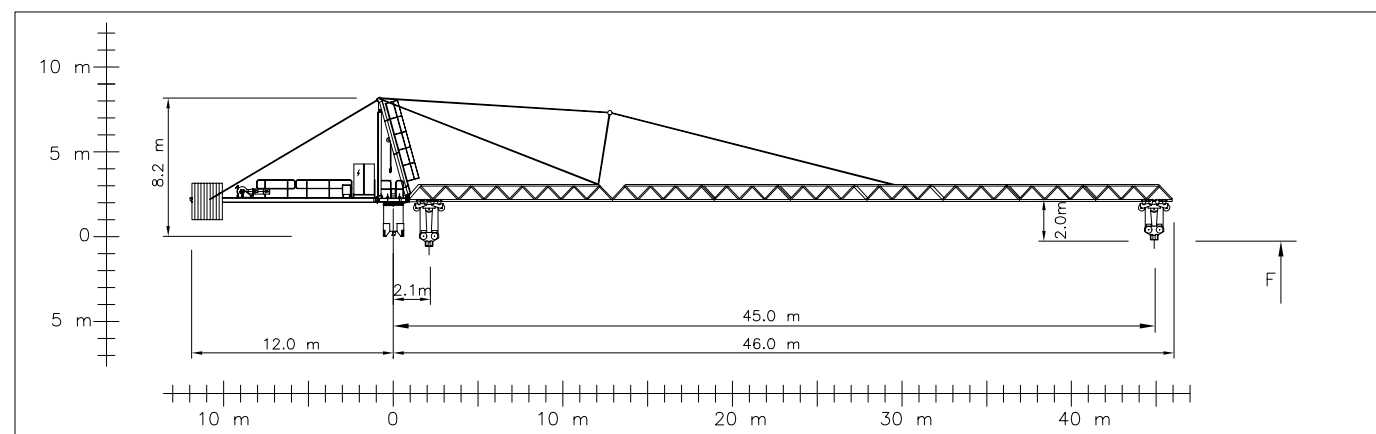
	3 x 400 V – 50 Hz	CONTROL VOLTAGE / STEUER SPANNUNG
	3 x 440 V – 60 Hz	24 VDC – 220 VAC

	HOIST WINCH / HUBWERK	30 kW
POWER CONSUMPTION / STROMVERBRAUCH		50 kVA
FUSE / SICHERUNG		100 Amps
POWER CABLE	<div style="display: flex; align-items: center;"> <div style="font-size: 4em; margin-right: 10px;">[</div> <div> 0-100 m 100-175 m 175-250 m </div> </div>	4G35 4G35 4G50
HAUPTKABEL		
	0-1250 kg 0-2500 kg	0 - 120 m/min 0 - 60 m/min
	0-2500 kg 0-5000 kg	0 - 60 m/min 0 - 30 m/min

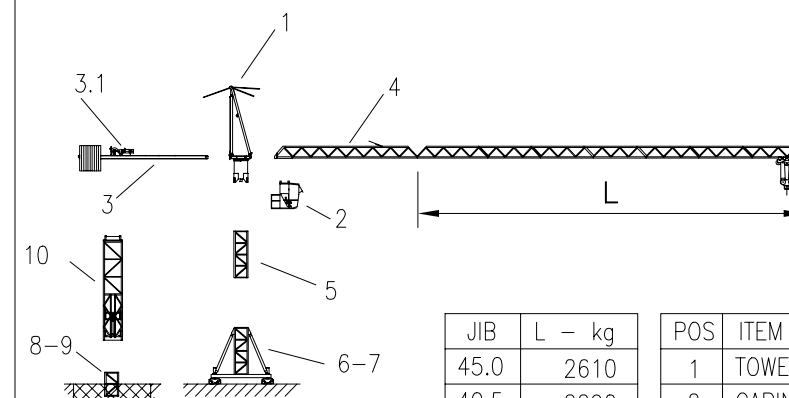
	1 x 5 kW	MAX JIB MAX AUSLEGER	0 – 1.0 RPM
	2.2 kW	5 t	0 – 60 m/min
	4 x 5 kW	F _{max}	25 m/min

HOIST ROPE HUB-SEIL	ø12 mm	-	FILL FACTOR 0.65	-	1770 MPa	BREAKING STRESS
			30 kW HOIST WINCH			BRUCHSPANNUNG
			150 m			
			>150 m *			
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



JIB	L – kg
45.0	2610
40.5	2290
36.0	1970
31.5	1650
27.0	1270
22.5	950

POS	ITEM	kg
1	TOWER/SLEW	3500
2	CABIN	580
3	REAR JIB	3300
3.1	WINCHES	1000
4	INNER SECTION	1070
5	M12 MAST	1250

POS	ITEM	kg
6	B12	2050
7	4.5m BX	1225
8	N12	600
9	BASE PADS (4)	360
10	CT12	3600

WALL TIE FRAMES, CABLE DRUMS, CURVE RUNNING AND 90° TURN BOGIES,
ELEVATOR, FLOOD LIGHTING

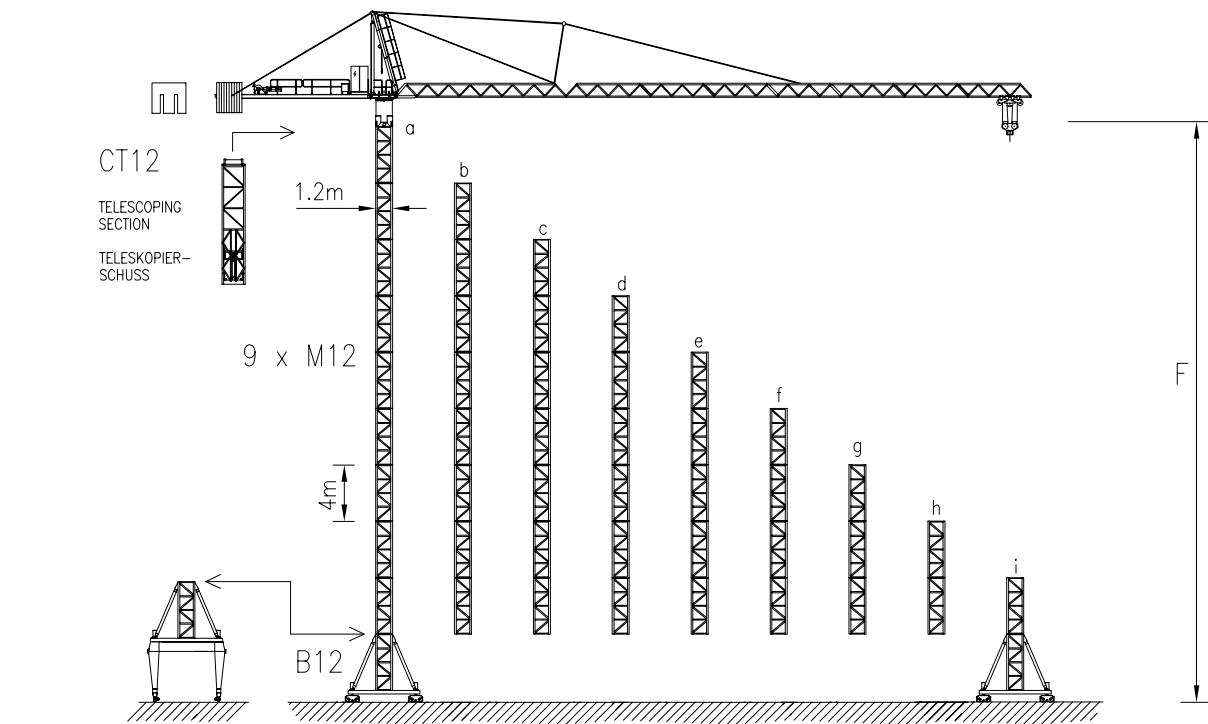
EINSPANNRAHMEN, KABELTROMMEL, KURVENFAHRENDE UND 90° DREHSCHEMEL,
AUFZUG, SCHEINWERFER




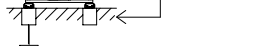
THE DESIGN AND TECHNICAL SPECIFICATIONS GIVEN ARE APPLICABLE TO THE STANDARD MACHINE OF CRANE K-70. MODIFICATIONS ACCORDING TO SPECIAL REQUIREMENTS REGARDING FOR EXAMPLE HOOK HEIGHT, JIB LENGTH, RAIL GAUGE, ETC., ARE AVAILABLE. PLEASE CONTACT KRÖLL CRANES A/S

DIE KONSTRUKTIONS- UND TECHNISCHEN DATEN BEZIEHEN SICH AUF DIE STANDARD AUSFÜHRUNG DES KRANTZES K-70. INDIVIDUELLE FORDERUNGEN Z.B. AN HAKENHÖHE, AUSLEGERLÄNGE, SPURWEITE USW. KÖNNEN BERÜCKSICHTIGT WERDEN. NEHMEN SIE MIT KRÖLL CRANES A/S KONTAKT AUF

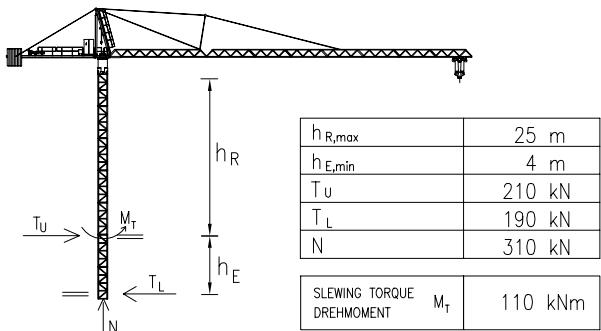
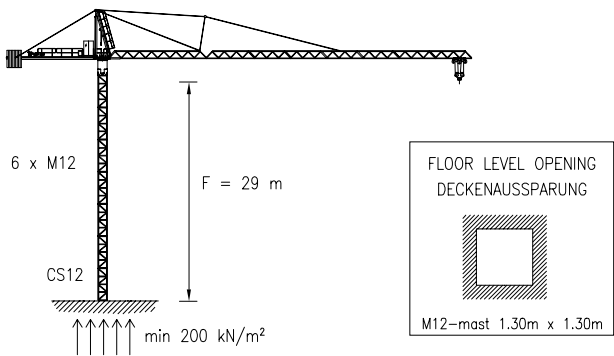
CONVERSION OF THE UNITS FOR FORCES	10 N = 1 kg	SUBJECT TO ALTERATIONS	DIN	DATA SHEET	K-70
UMRECHNUNG DER EINHEITEN FÜR KRÄFTE	10 kN = 1 ton	ÄNDERUNGEN VORBEHALTEN		DATABLATT	

K-70 ON RAILS / AUF SCHIENEN



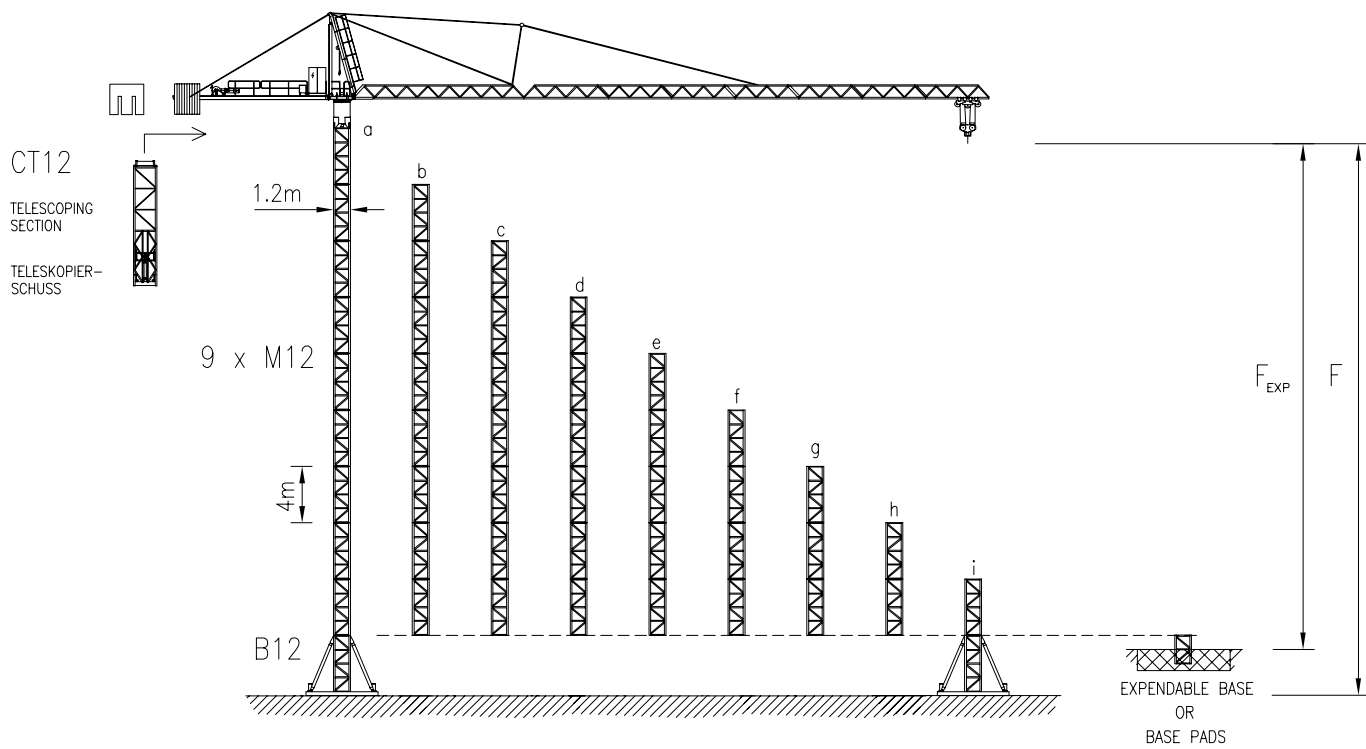
HOOK HEIGHT / HAKENHÖHE	F	m	a	b	c	d	e	f	g	h	i
 RAIL GAUGE SPURWEITE	m		41	37	33	29	25	21	17	13	9
 BALLAST	t		46	35	26	18	15	15	15	15	15
 PARKING FOUNDATIONS PARKIERUNGSFUNDAMENTE x4	t		0	0	0	0	0	0	0	0	0
 CORNER PRESSURE ECKDRUCK	IN SERVICE IM BETRIEB	kN	430	380	330	290	260	250	240	220	210
	OUT OF SERVICE AUSSER BETRIEB	kN	480	380	290	230	190	180	170	170	160

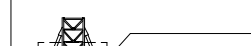

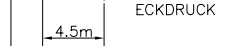

K-70 CLIMBER / KLETTERKRAN



$h_{R,max}$	25 m
$h_{E,min}$	4 m
T_u	210 kN
T_L	190 kN
N	310 kN
SLEWING TORQUE DREHMOMENT M_T	110 kNm

K-70 STATIONARY / STATIONÄR



HOOK HEIGHT / HAKENHÖHE	F	m	a	b	c	d	e	f	g	h	i
 BALLAST	t		49	38	30	22	16	15	15	15	15
 CORNER PRESSURE ECKDRUCK	IN SERVICE IM BETRIEB	kN	390	340	300	270	240	220	210	200	190
	OUT OF SERVICE AUSSER BETRIEB	kN	470	370	280	220	180	160	160	160	150
 B x B x H	F	m	40	36	32	28	24	20	16	12	8
	H=1.0m	B	m	5.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	min 200 kN/m ²	FOUNDATION WEIGHT FUNDAMENTSGEWICHT	ton	67	60	60	60	60	60	60	60
 B x B x H	F _{EXP}	m	36	32	28	24	20	16	12	8	
	H=1.4m	B	m	4.7	4.3	4.0	4.0	4.0	4.0	4.0	
	min 200 kN/m ²	FOUNDATION WEIGHT FUNDAMENTSGEWICHT	ton	74	62	54	54	54	54	54	

JIB CONFIGURATION

JIB LENGTH AUSLEGER-LÄNGE	INNER SECTION	MIDDLE	MIDDLE	EYE SECTION	MIDDLE
45.0 m	1	1	2	1	3
40.5 m	1	1	2	1	2
36.0 m	1	1	2	1	1
31.5 m	1	1	2	1	0
27.0 m	1	1	1	1	0
22.5 m	1	1	0	1	0
12.0 m	1	0	0	0	0

AUSLEGER KONFIGURATION

INNER STAY INNERE ZUGSTANG	OUTER STAY ÄUSSERE ZUGSTANG	COUNTERWEIGHT GEGENGEWICHT
12570 mm	12240 mm 9600 mm 4300 mm	1510 kg 500 kg TOTAL t
1	1 1 2	5 1 8.0
1	1 1 2	4 1 6.5
1	1 1 2	3 2 5.5
1	1 1 2	3 0 4.5
1	1 1 1	2 1 3.5
1	1 1 0	2 0 3.0
1	1 0 0	1 1 2.0