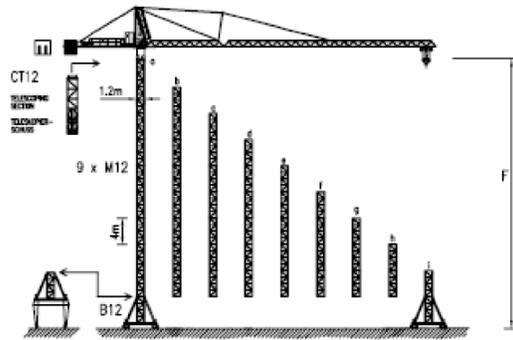
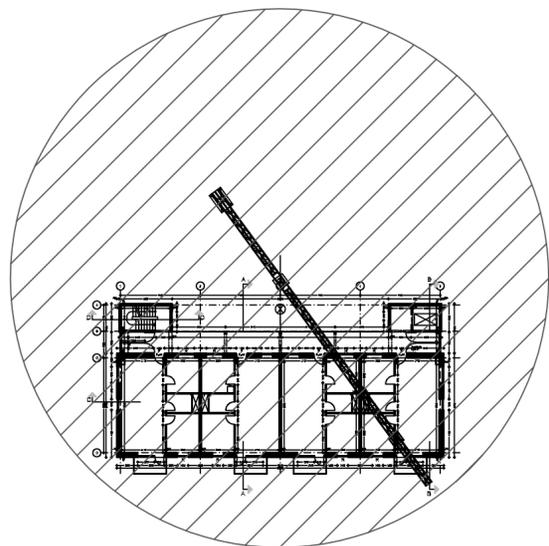
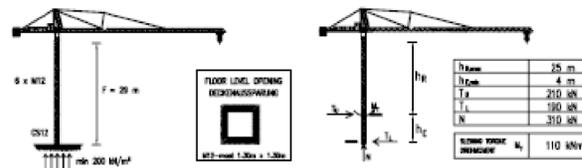


CRANE SELECTION CRITERIAS



HOOK HEIGHT / HÄKENHÖHE	F	m	a	b	c	d	e	f	g	h	i
	41	37	33	29	25	21	17	13	9		
MAX. SPAN	4.5										
BALLAST	t	46	35	26	18	15	15	15	15	15	15
FIXING FOOTING/BEFESTIGUNGSPUNKT	x4	t	0	0	0	0	0	0	0	0	0
WIND PRESSURE / WINDDRUCK	kN	430	380	330	290	260	250	240	220	210	
WIND PRESSURE / WINDDRUCK	kN	480	380	290	230	190	180	170	170	160	

K-70 CLIMBER / KLETTERKRAN

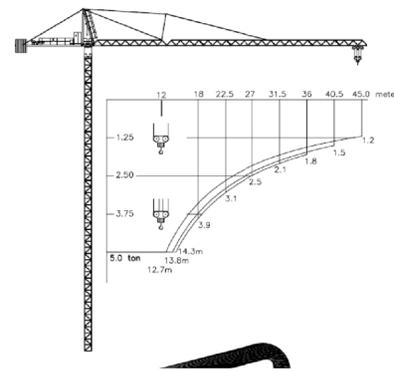
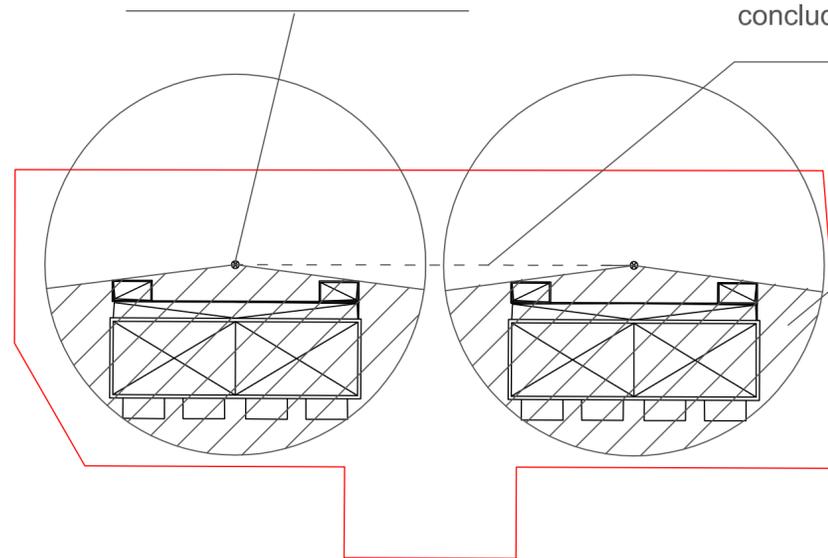


CRANE'S OPERATING AREA. RISK AREA.

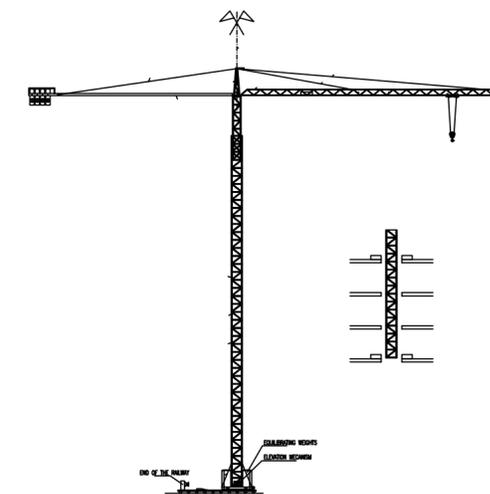
CRANE STACIONARY POINT: When the crane will be working it will stay in a specific point. This place has been calculated in order to need the shortest crane arm.

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.



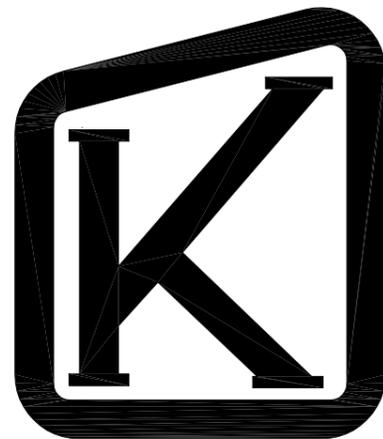
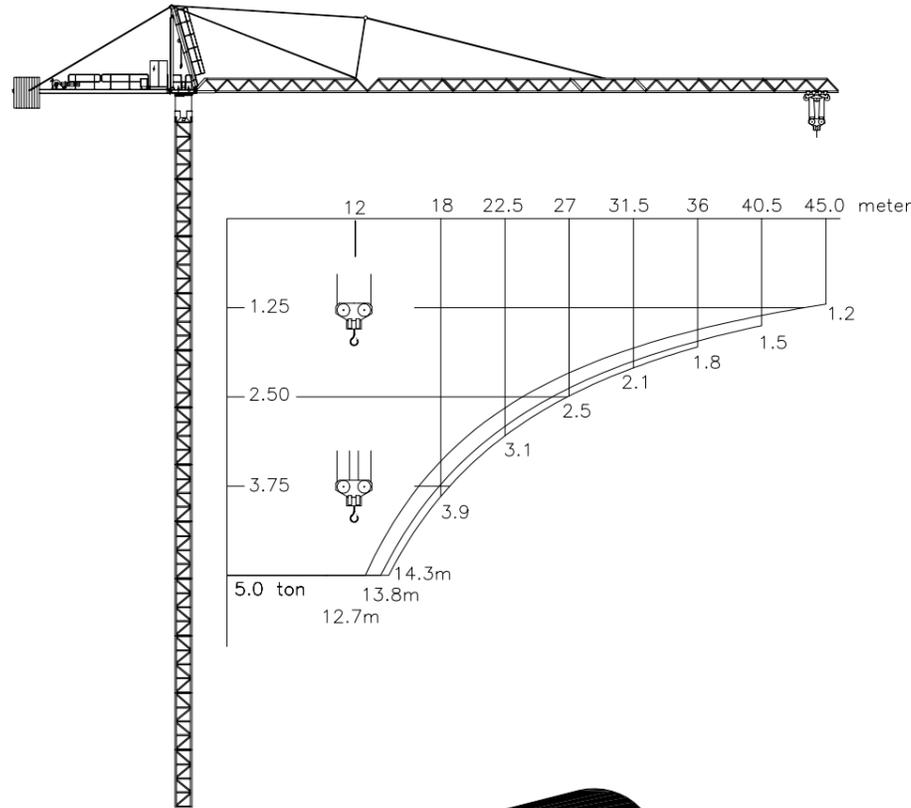
CRANE'S MEASURES AND WEIGHTS DIAGRAM
 According to the diagram it can lift a maximum of 3,1 tones at it's edge, so the crane can carry prefabricated wall panels as well as some other materials.



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

TECHNICAL DATA

K-70



⚡	3 x 400 V - 50 Hz	CONTROL VOLTAGE / STEUER SPANNUNG
	3 x 440 V - 60 Hz	

HOIST WINCH / HUBWERK	30 kW	
POWER CONSUMPTION / STROMVERBRAUCH	50 kVA	
FUSE / SICHERUNG	100 Amps	
POWER CABLE	4G35	
HAUPTKABEL	0-100 m	4G35
	100-175 m	4G35
	175-250 m	4G50

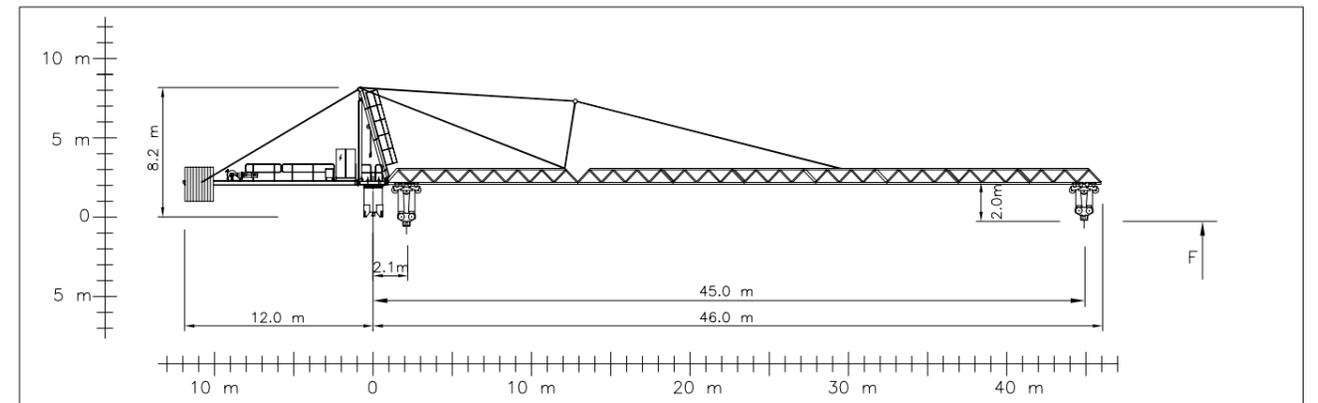
	0-1250 kg	0 - 120 m/min
	0-2500 kg	0 - 60 m/min

	0-2500 kg	0 - 60 m/min
	0-5000 kg	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	ø12 mm	FILL FACTOR 0.65	1770 MPa	BREAKING STRESS
HUB-SEIL	30 kW HOIST WINCH			BRUCHSPANNUNG
	150 m			
	>150 m *			
TROLLEY ROPE	ø8 mm			
LAUFKATZE-SEIL				

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



**APPROX. ERECTION WEIGHTS
UNGEFÄHRE MONTAGEGEWICHTE**

JIB	L - kg	POS	ITEM	kg	POS	ITEM	kg
45.0	2610	1	TOWER/SLEW	3500	6	B12	2050
40.5	2290	2	CABIN	580	7	4.5m BX	1225
36.0	1970	3	REAR JIB	3300	8	N12	600
31.5	1650	3.1	WINCHES	1000	9	BASE PADS (4)	360
27.0	1270	4	INNER SECTION	1070	10	CT12	3600
22.5	950	5	M12 MAST	1250			

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

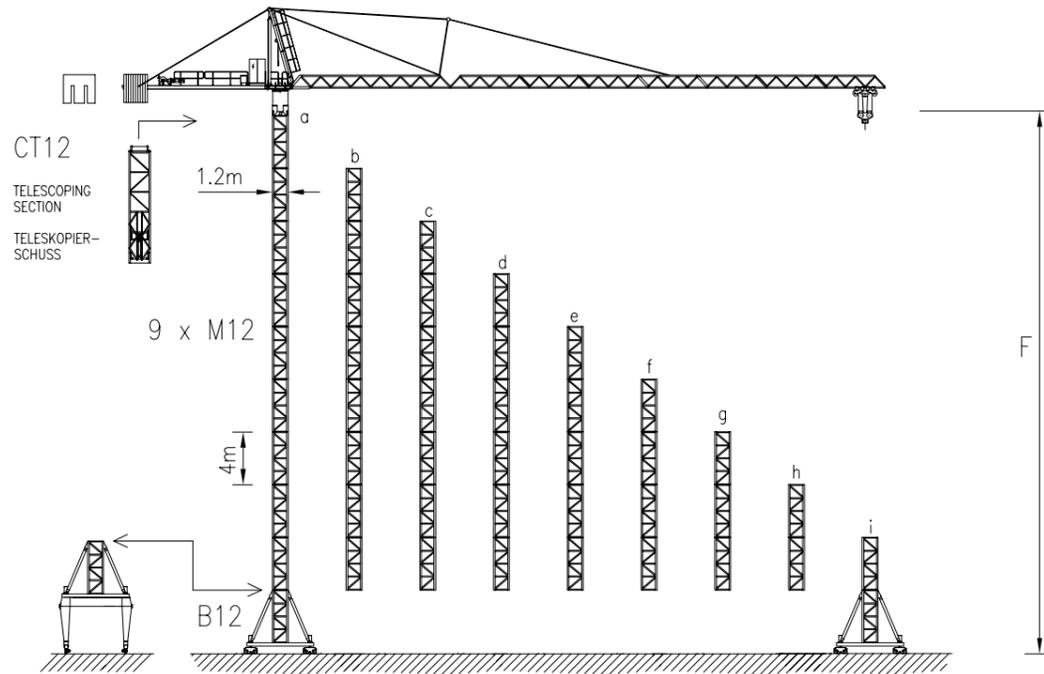
KRØLL CRANES A/S

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

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

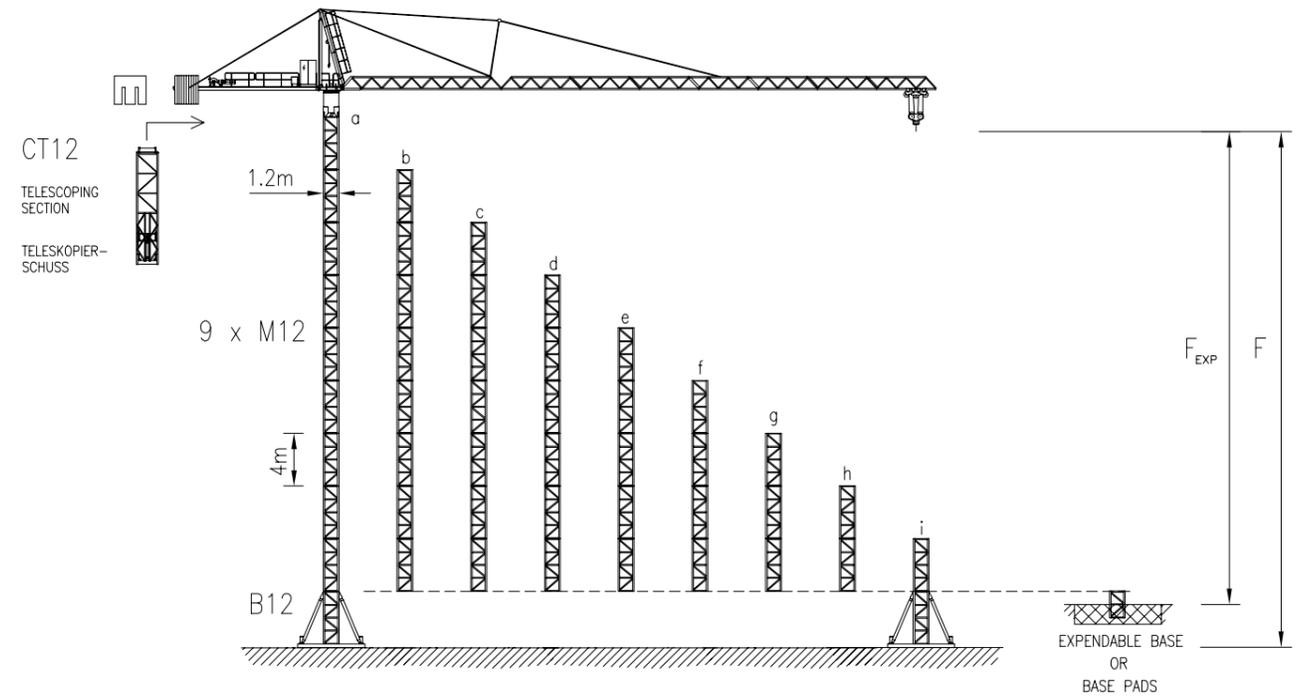
CONVERSION OF THE UNITS FOR FORCES	10 N = 1 kg	SUBJECT TO ALTERATIONS ÄNDERUNGEN VORBEHALTEN	DIN	DATA SHEET DATABLATT	K-70 010401
UMRECHNUNG DER EINHEITEN FÜR KRÄFTE	10 kN = 1 ton				

K-70 ON RAILS / AUF SCHIENEN



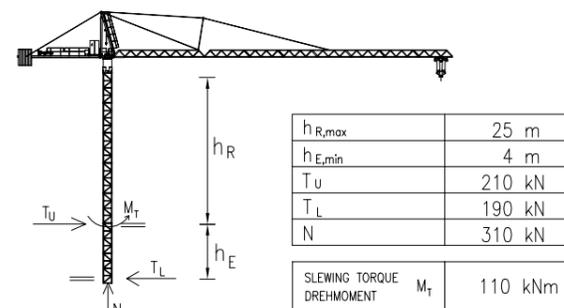
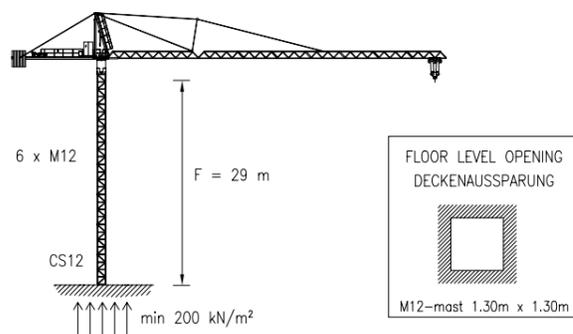
			a	b	c	d	e	f	g	h	i
HOOK HEIGHT / HAKENHÖHE	F	m	41	37	33	29	25	21	17	13	9
RAIL GAUGE SPURWEITE		m	4.5								
BALLAST	t		46	35	26	18	15	15	15	15	15
PARKING FOUNDATIONS PARKIERUNGSFUNDAMENTE x4	t		0	0	0	0	0	0	0	0	0
CORNER PRESSURE ECKDRUCK		kN	430	380	330	290	260	250	240	220	210
		kN	480	380	290	230	190	180	170	170	160

K-70 STATIONARY / STATIONÄR



			a	b	c	d	e	f	g	h	i
HOOK HEIGHT / HAKENHÖHE	F	m	40	36	32	28	24	20	16	12	8
BALLAST	t		49	38	30	22	16	15	15	15	15
CORNER PRESSURE ECKDRUCK		kN	390	340	300	270	240	220	210	200	190
		kN	470	370	280	220	180	160	160	160	150
FOUNDATION WEIGHT FUNDAMENTSGEWICHT		ton	67	60	60	60	60	60	60	60	60
FOUNDATION WEIGHT FUNDAMENTSGEWICHT		ton	74	62	54	54	54	54	54	54	54

K-70 CLIMBER / KLETTERKRAN



JIB CONFIGURATION

JIB LENGTH AUSLEGER-LÄNGE	INNER SECTION	MIDDLE	MIDDLE	EYE SECTION	MIDDLE	INNER STAY INNERE ZUGSTANG			OUTER STAY ÄUSSERE ZUGSTANG			COUNTERWEIGHT GEGENGEWICHT		
						mm	mm	mm	mm	mm	mm	kg	kg	t
45.0 m	1	1	2	1	3	1	1	2	1510 kg	500 kg	5	1	8.0	
40.5 m	1	1	2	1	2	1	1	2	1510 kg	500 kg	4	1	6.5	
36.0 m	1	1	2	1	1	1	1	2	1510 kg	500 kg	3	2	5.5	
31.5 m	1	1	2	1	0	1	1	2	1510 kg	500 kg	3	0	4.5	
27.0 m	1	1	1	1	0	1	1	1	1510 kg	500 kg	2	1	3.5	
22.5 m	1	1	0	1	0	1	1	0	1510 kg	500 kg	2	0	3.0	
12.0 m	1	0	0	0	0	1	1	0	1510 kg	500 kg	1	1	2.0	

AUSLEGER KONFIGURATION