



HBR 609-3

Hydraulisches Bohrgerät
Hydraulic drill rig

HÜTTE
BOHRTECHNIK

The logo graphic consists of three stylized, overlapping shapes in a greyish-blue color. The first shape is a horizontal bar with a small notch on its right end. The second shape is a vertical bar with a small notch on its top end. The third shape is a curved bar, resembling a hook or a stylized 'J'.



Technical specifications / Technische Daten

Engine*	Motor*		
Deutz - Diesel	Deutz - Dieselmotor	TCD 7.8 L6.4V - EU Stage IIIB - US EPA TIER IVi	
Deutz - Diesel	Deutz - Dieselmotor	TCD 7.8 L6.4V - EU Stage IIIA - US EPA TIER III	
Rated output at 2000 rpm	Leistung bei 2000 U/min	190 kW	258 HP
Fuel tank capacity	Dieseltank	340 l	90 gal

Hydraulic system	Hydrauliksystem	load sensing	load sensing
Hydraulic pumps	Hydraulikpumpen		
1st circuit	1. Kreislauf	280 l/min	74 gpm
2nd circuit	2. Kreislauf	280 l/min	74 gpm
3rd circuit	3. Kreislauf	250 l/min	66 gpm
4th circuit	4. Kreislauf	59 l/min	15 gpm
5th circuit - Optional	5. Kreislauf - Option	47 l/min	12 gpm
6th circuit - Optional	6. Kreislauf - Option	87/122 l/min	23/32 gpm
7th circuit - Optional	7. Kreislauf - Option	117 l/min	31 gpm
Hydraulic oil tank capacity	Inhalt Hydrauliköltank	570 l	150 gal
Operating pressure	Systemdruck	250 bar	3,625 psi

Crawler base	Raupenfahrwerk		
Crawler speed max.	Fahrgeschwindigkeit max.	1,8 km/h	1.2 mph
Ground pressure	Spez. Bodendruck (Aufbau abhängig)	80 kPa	11.5 psi
Overall width	Gesamtbreite	2500 mm	8.2 ft
3-web track shoes	3-Steg Bodenplatten	500 mm	20 in
Overall tracks length	Länge der Fahrschiffe	3560 mm	11.7 ft
Ground clearance	Bodenfreiheit	348 mm	13.7 in
Hydraulic track oscillator	Pendelmöglichkeit	+13,5° / -10°	+13.5° / -10°

Clamping and breaking devices	Klemm- und Brechvorrichtungen	CB2-1	CB3-2	M5 S
Diameter	Durchmesser	67÷254 mm 2.6÷10 in	67÷324 mm 2.6÷12.7 in	89÷406 mm 3.5÷16 in
Clamping force	Klemmkraft	196 kN 44,100 lbf	196 kN 44,100 lbf	283 kN 63,600 lbf

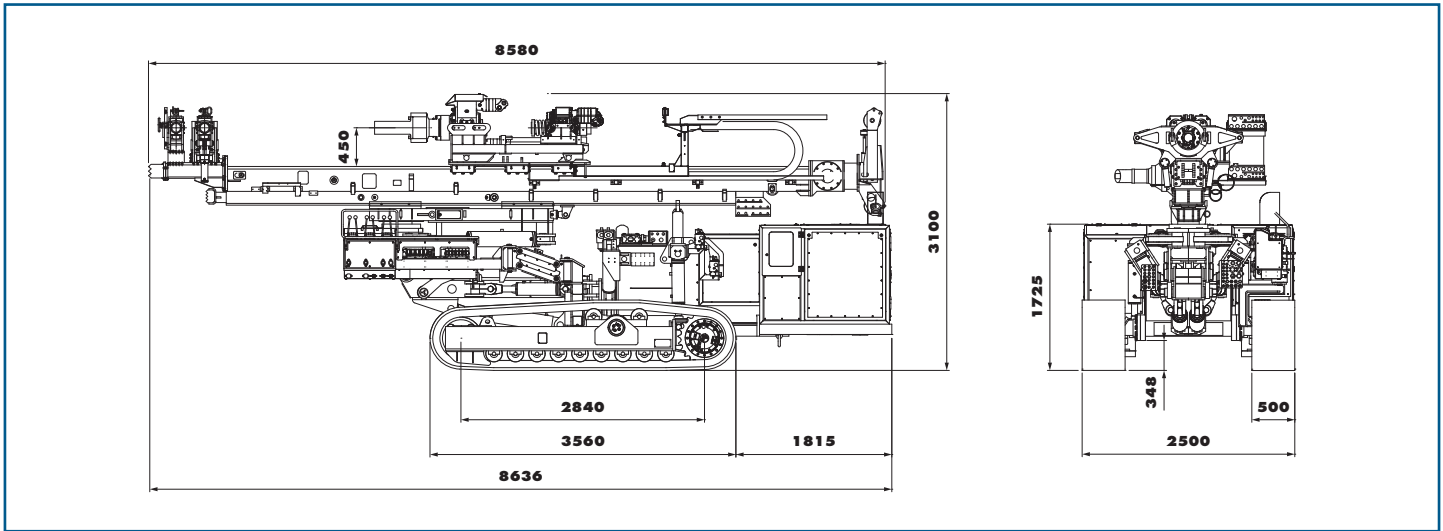
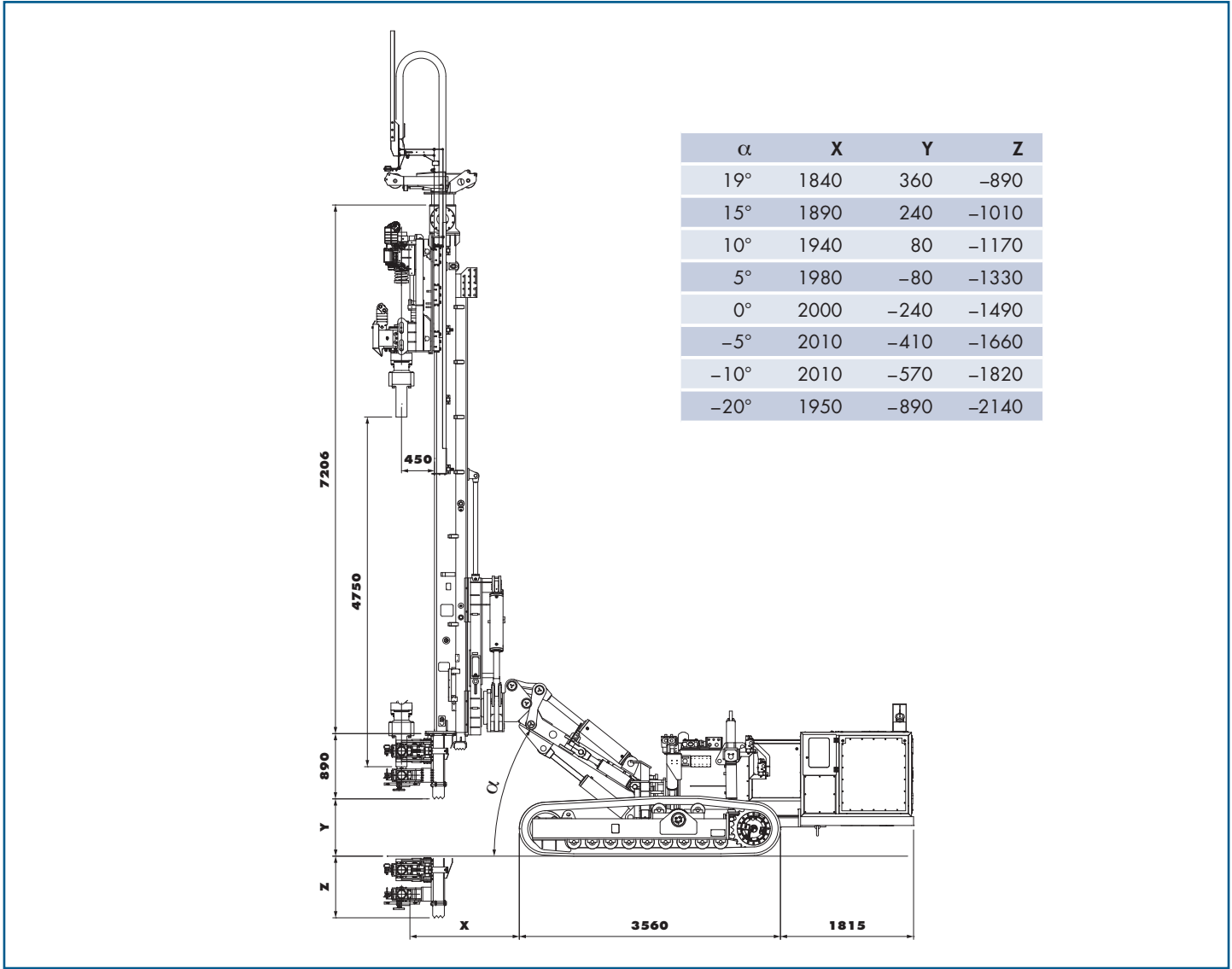
Rotary heads	Kraftdrehköpfe		
Recommended	Empfohlen	HG32, HG28, HG20, T20P	

Hydraulic hammer	Hydraulikhammer		
Recommended	Empfohlen	HD8032, HH1865	

Double-head drill units	Doppelkopfböhranlagen		
Recommended	Empfohlen		
Rotary / Rotary-Percussion	Drehen / Drehen-Schlagen	HG32 / HH1865, HG28 / HH1865	
Rotary / Rotary	Drehen / Drehen	HG32 / HG28, HG32 / HG14, HG28 / HG13	

* Available on request diesel engine EU Stage IV – US EPA Tier IVf

Auf Nachfrage verfügbar mit Dieselmotor Typ EU Tier IV – US EPA Tier IVf



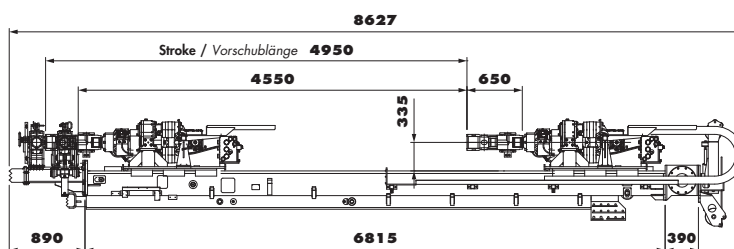
Overall length	Gesamtlänge	8580 mm	28 ft
Overall width	Gesamtbreite	2500 mm	8.2 ft
Overall height	Gesamthöhe	3100 mm	10.2 ft
Weight *	Gewicht *	21000 kg	46,300 lbs

* Depending on mounted equipment | Abhängig von der Geräteausrüstung

Mast DM 260

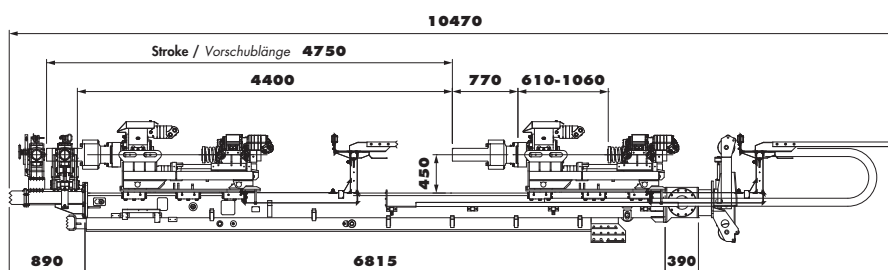
DRIFTER HB 60

Hydraulikhammer
HB60



Double-head drill unit

Doppelkopf-
bohranlagen

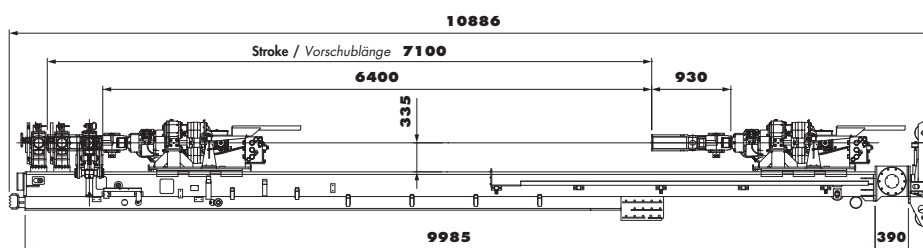


Extraction / Crowd force	Rückzugkraft / Vorschubkraft	100 / 100 kN	22,500 / 22,500 lbs
Fast speed Extraction / Crowd	Rückzug schnell / Vorschub schnell	63 / 63 m/min	206 / 206 ft/min
Slow speed Extraction / Crowd	Rückzugsgeschwindigkeit / Vorschubgeschwindigkeit	17,5 / 17,5 m/min	57,4 / 57,4 ft/min

Mast DM 260 (Optional)

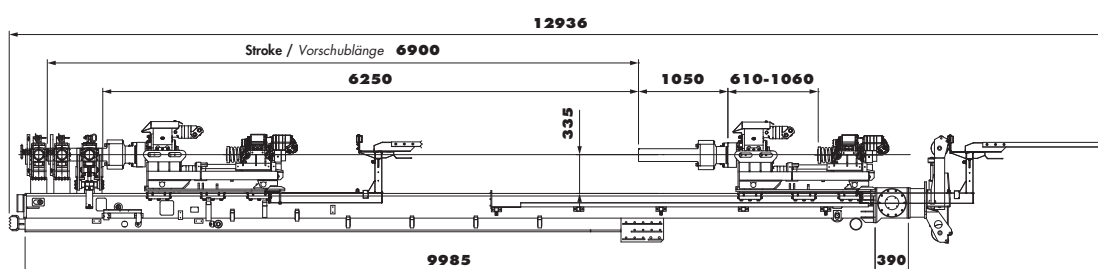
DRIFTER HB60

Hydraulikhammer
HB60

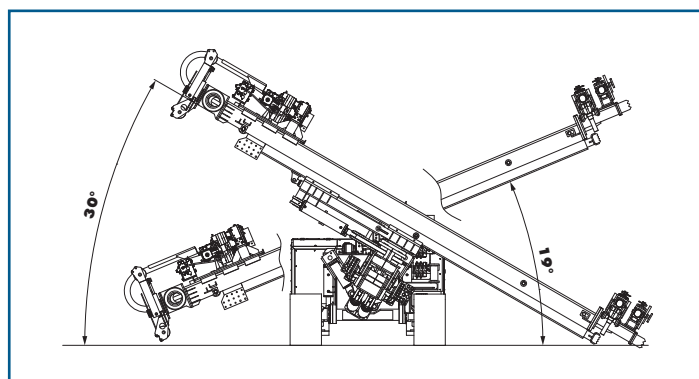
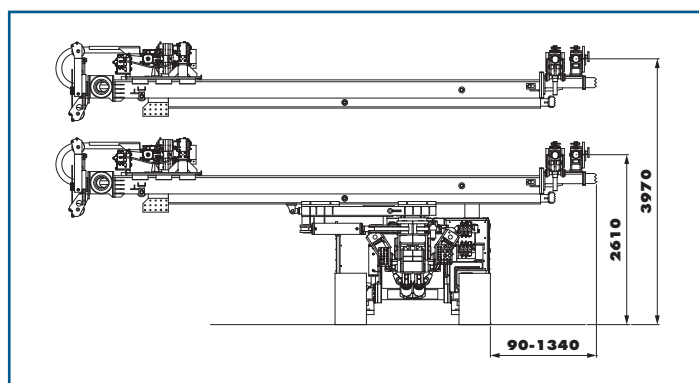
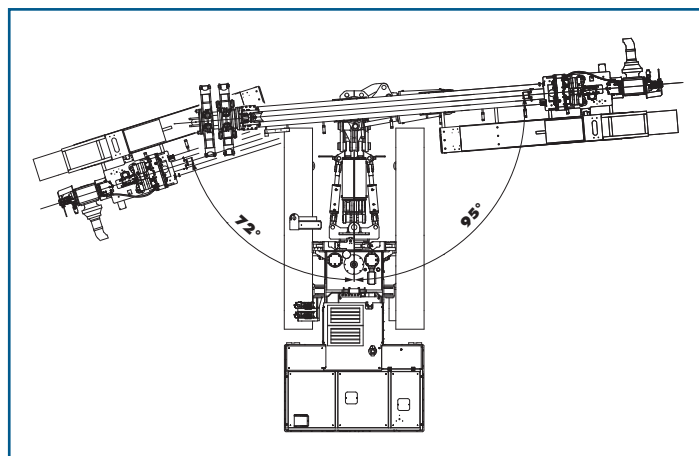
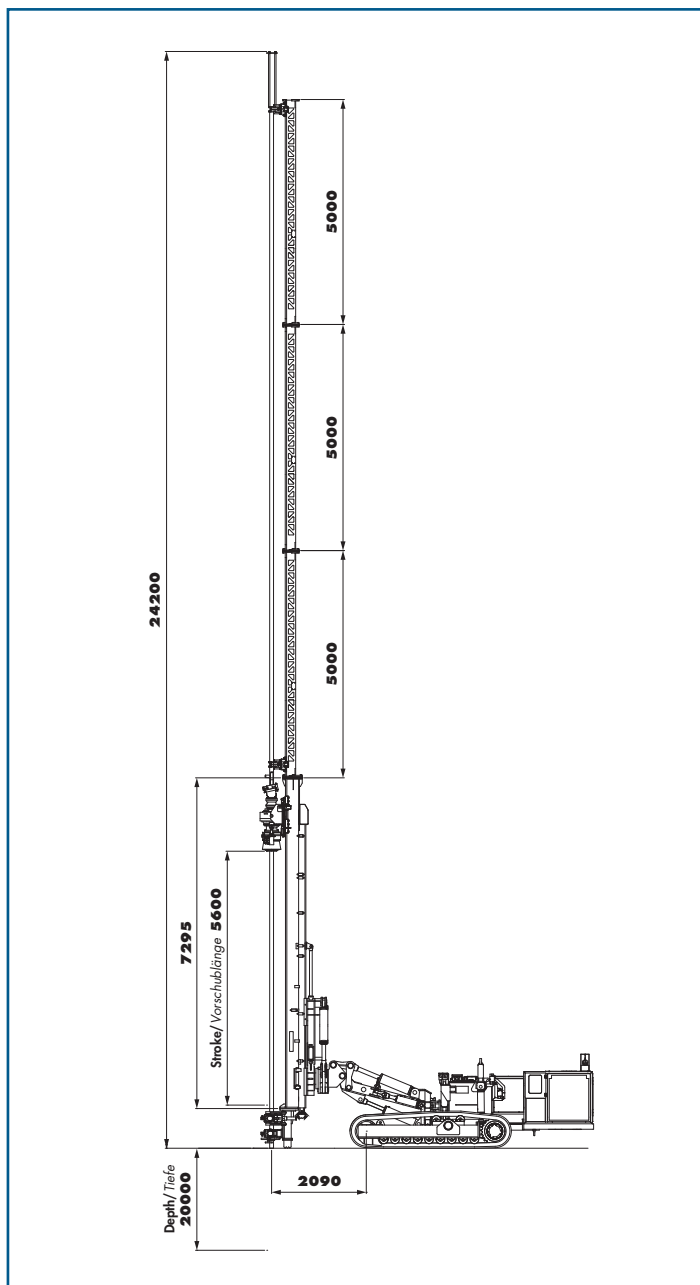
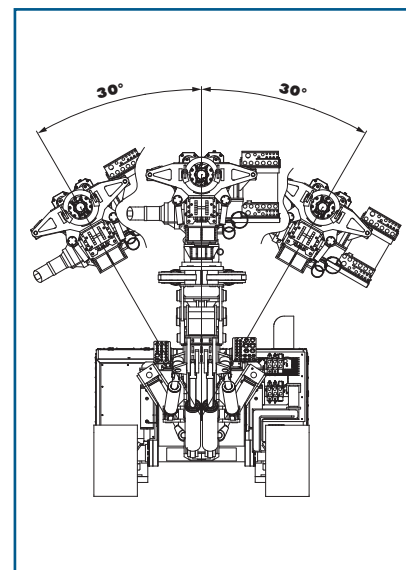
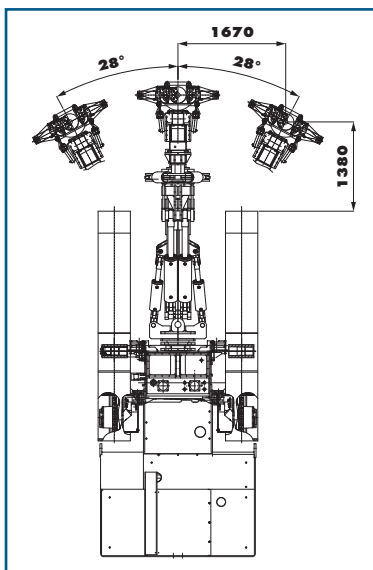
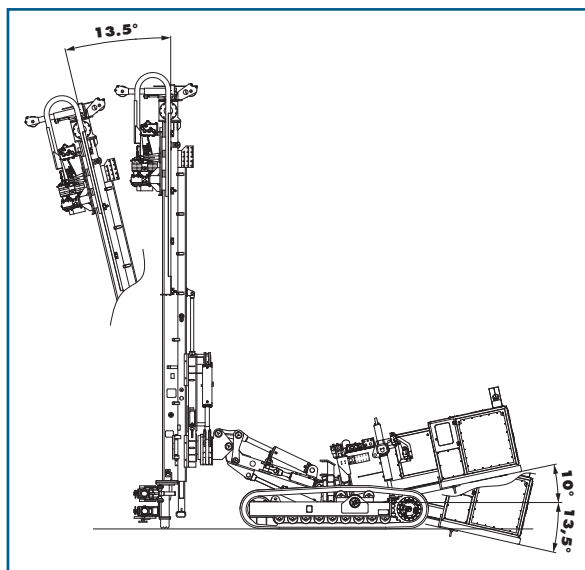


Double-head drill unit

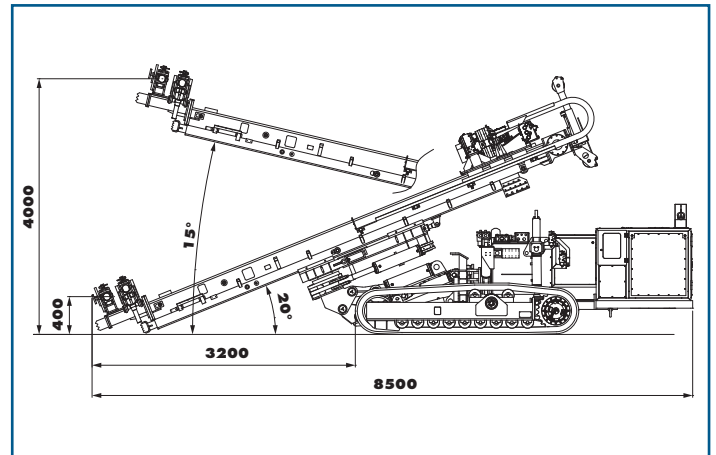
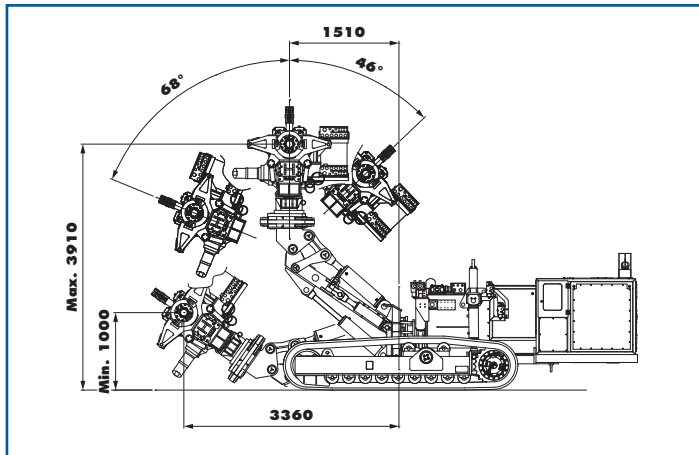
Doppelkopf-
bohranlagen



Extraction / Crowd force	Rückzugkraft / Vorschubkraft	100 / 100 kN	22,500 / 22,500 lbs
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Without magazines M3/M4 - Ohne Magazin M3/M4

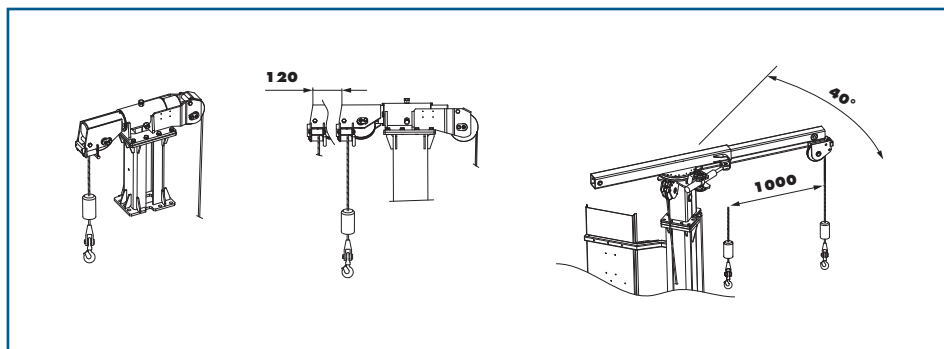


Without magazines M3/M4 - Ohne Magazin M3/M4



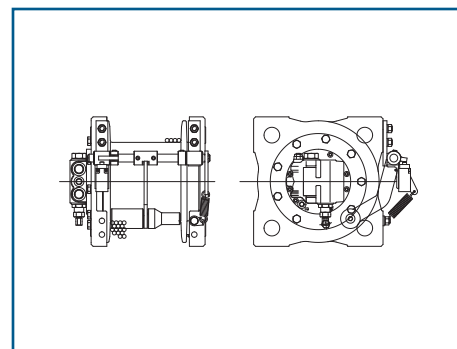


**Cat head
Turmkrone**



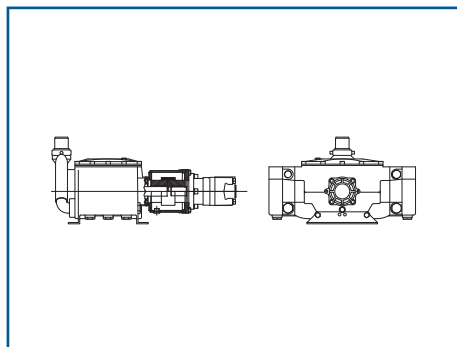
Telescopic and 40° swinging
Teleskopierbar und 40° schwenkbar

**Winch
Seilwinde**



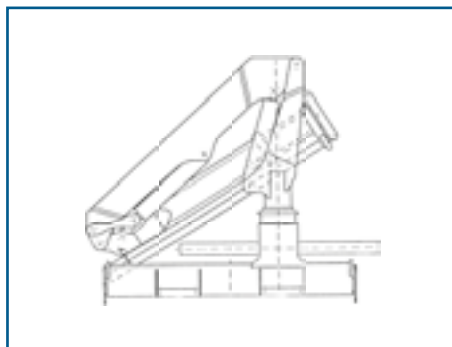
Winch type A2/A3 = 20/30 kN
Winde Typ A2/A3 = 4,500/6700 lbs

**Flushing pump type „Gamma“
Spülpumpe Typ „Gamma“**



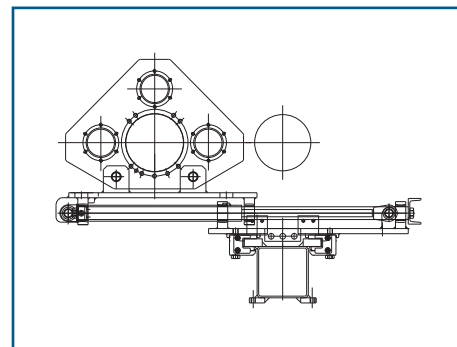
Qmax. = 200 l/min. (52 gpm)
pmax. = 50 bar (725 psi)

**Casing crane
Gestängekran**

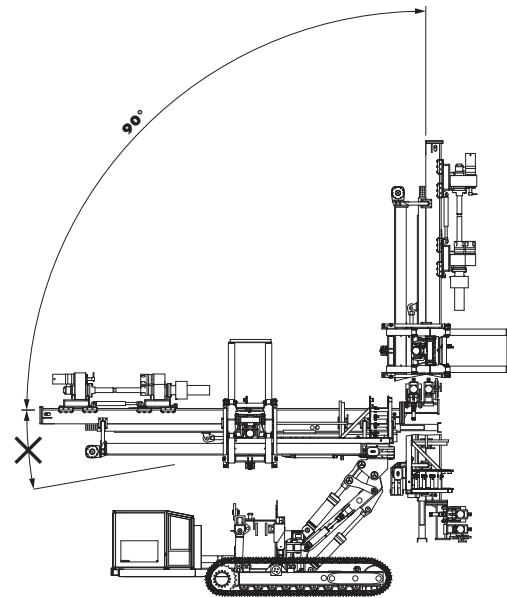
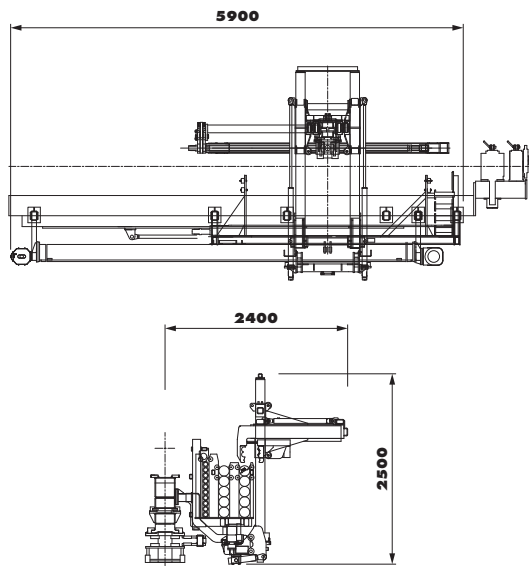


Capacity: M max. = 2.5 mt
Kapazität: M max. = 2,5 mt

**Lateral slide
Gleitschlitten seitlich verschiebbar**

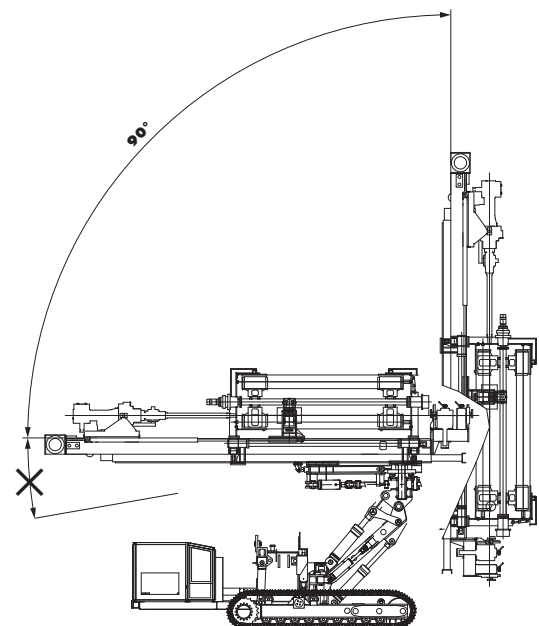
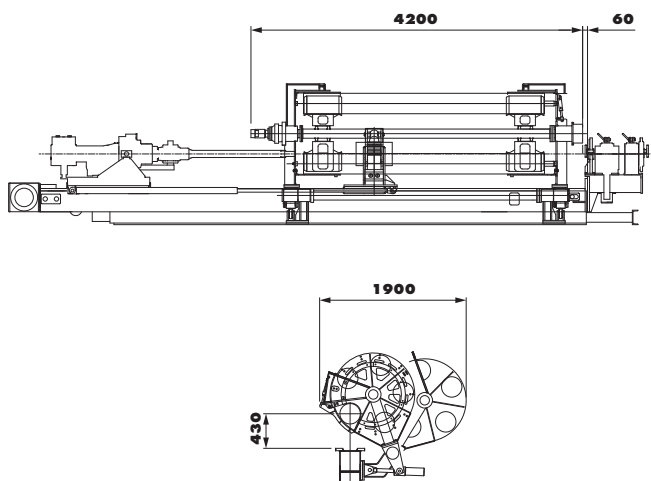


Box magazine M3 / Kastenmagazin M3



RODS diameter (mm) Durchmesser Innengestänge (mm)	Casing diameter (mm) Durchmesser Außengestänge (mm)	Quantity of rods Anzahl der Rohre	Length (mm) Länge (mm)
T45	114,3	10	3000
88,9	133	10	3000
101,6	152,4	8	3000
114,3	177,8	8	3000
133	203	4	3000
133	219	4	3000

Revolver magazine M4 / Trommelmagazin M4



Diameter (mm) Durchmesser (mm)	Quantity of rods Anzahl der Rohre	Length (mm) Länge (mm)
from 73 to 152,4	9	3000
> 152,4 to 254	5	3000



Box magazine M3
Kastenmagazin M3



Box magazine M3
Kastenmagazin M3



Revolver magazine M4
Trommelmagazin M4

All data contained in this brochure are indicative and does not take power losses into account. All data can be changed without notice.

Technische Änderungen ohne Vorankündigung und Verpflichtung gegenüber früher gelieferten Geräten. Die abgebildeten Geräte können Sonderausstattungen haben. Irrtum und Druckfehler vorbehalten.



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