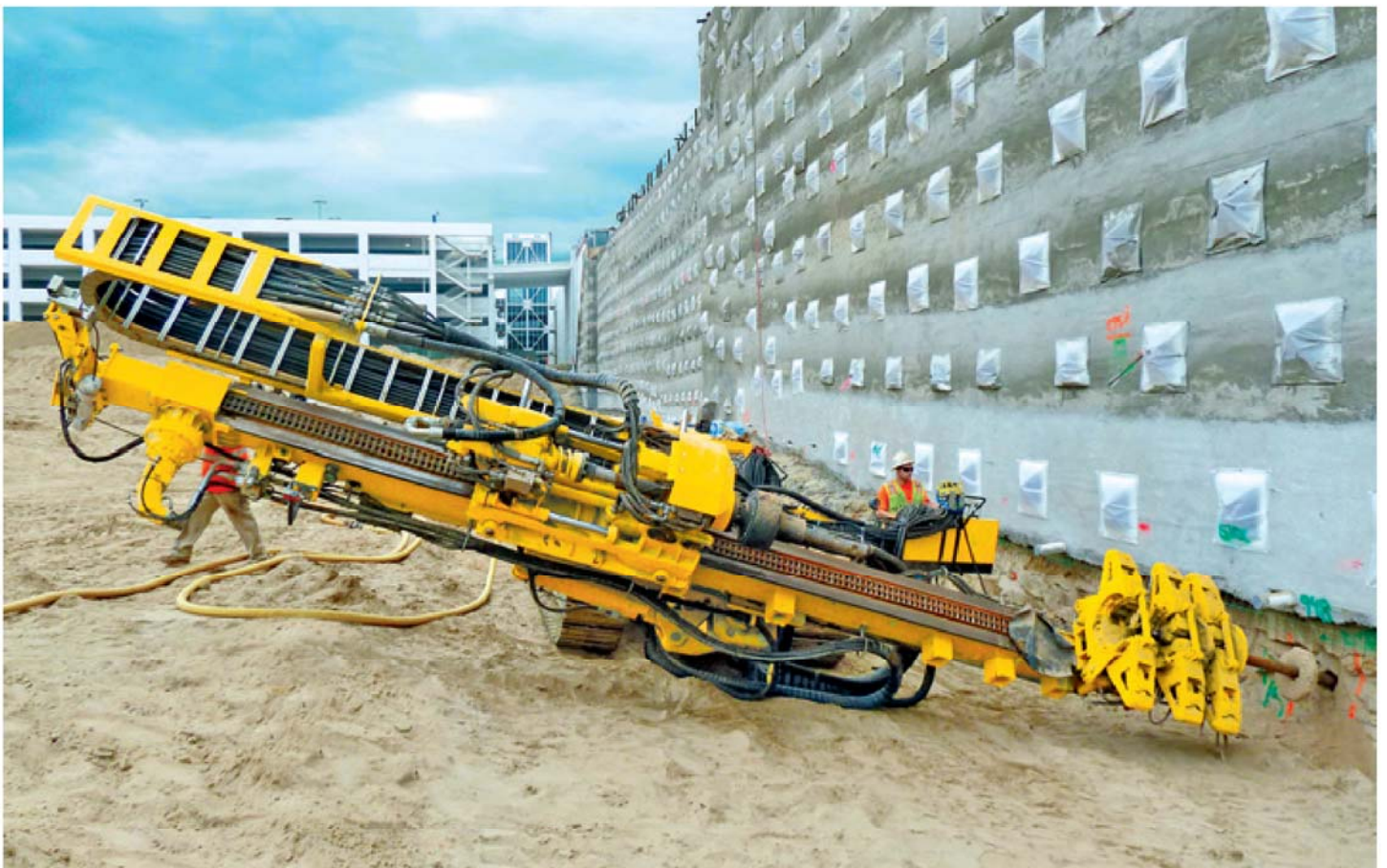




HBR 609-3

Hydraulisches Bohrgerät
Hydraulic drill rig

HÜTTE
BOHRTECHNIK
- I -



Technical specifications / Technische Daten

Engine	Motor		
Deutz - Diesel	Deutz - Dieselmotor	TCD 7.8 L6.4V	EU Stage IIIB - US EPA TIER IVi
Rated output at 2300 rpm	Leistung bei 2300 U/min	190 kW	258 HP

Engine	Motor		
Deutz - Diesel	Deutz - Dieselmotor	TCD 2013 L06 2V	EU Stage IIIB - US EPA TIER III
Rated output at 2300 rpm	Leistung bei 2300 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	3625 psi

Crawler base	Raupenfahrwerk		
Crawler speed	Fahrgeschwindigkeit max.	1,8 km/h	1,2 mph
Ground pressure	Spez. Bodendruck (Aufbau abhängig)	7,4 N/cm ²	10.5 PSI
Overall width	Gesamtbreite	2480 mm	8.12 ft
3-web track shoes	3-Steg Bodenplatten	500	20 inch
Length of crawler units	Länge der Fahrschiffe	3560 mm	11.7 ft
Ground clearance	Bodenfreiheit	348 mm	13.7 inch
Hydraulic track oscillator	Pendelmöglichkeit	+13,5° / -10°	+13.5° / -10°

Clamping and breaking devices self-aligning jaws	Klemm- und Brechvorrichtungen Zentrierbacken	CB2	CB3	M5S
Diameter	Durchmesser	Ø 68+254 mm	Ø 68+324 mm	Ø 89+406 mm
Clamping force	Klemmkraft	196 kN / 44,100 lbs	196 kN / 44,100 lbs	250 kN / 56,250 lbs
Breaking torque	Brechmoment	25,5 kNm / 18,800 lbf-ft	36 kNm / 26,500 lbf-ft	45 kNm / 33,200 lbf-ft

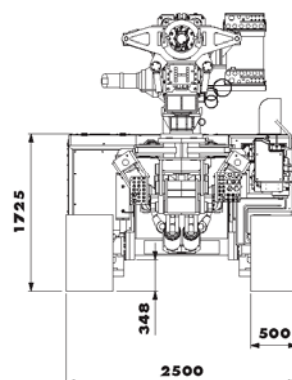
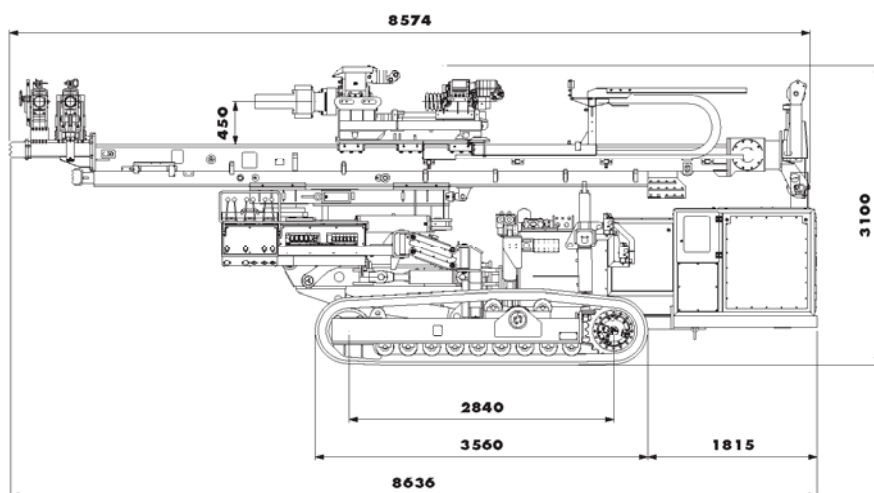
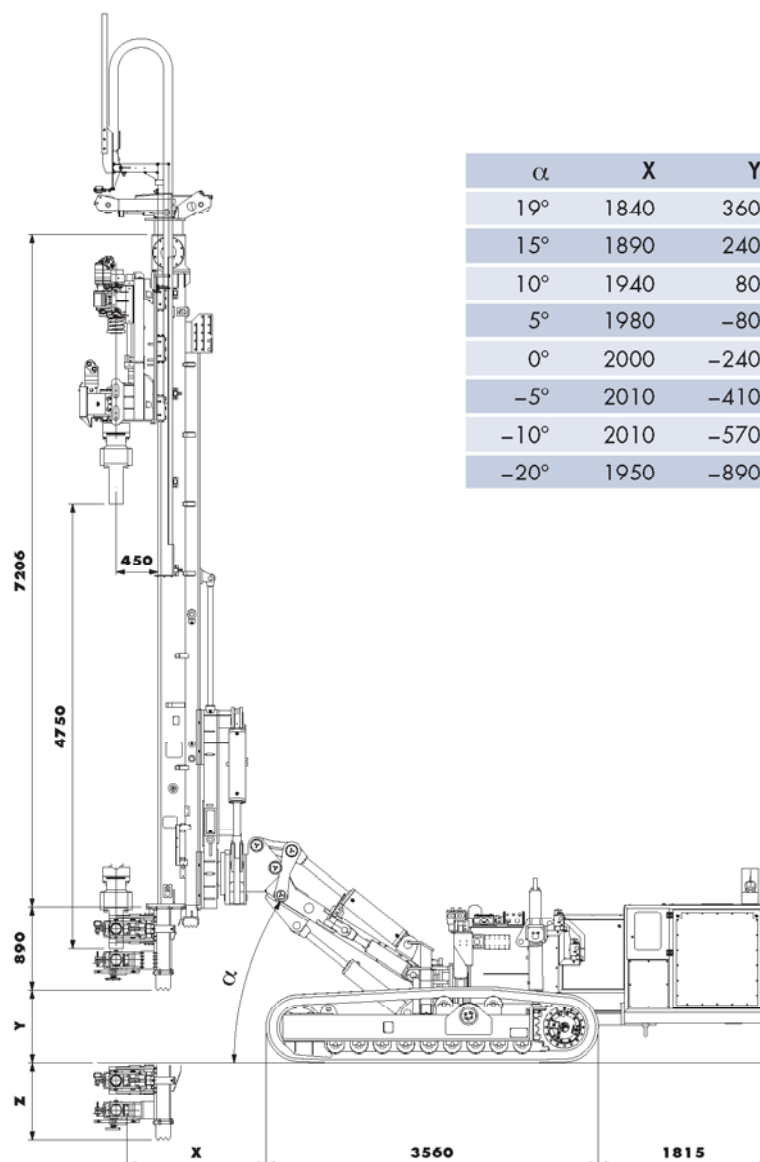
Rotary heads	Kraftdrehköpfe		
Recommended	Empfohlen	HG32, HG28, HG20, T20EP	

Hydraulic hammer	Hydraulikhammer		
Recommended	Empfohlen	HD8032, HB60A, HH2865	

Double-head drill units	Doppelkopfböhranlagen		
Recommended	Empfohlen		
Rotary / Rotary-Percussion	Drehen / Drehen-Schlagen	HG32 / HH2865, HG28 / HH2865	
Rotary / Rotary	Drehen / Drehen	HG32 / HG28, HG32 / HG14, HG28 / HG13	

Weight	Gewicht		
Depending on mounted equipment	Abhängig von der Geräteausrüstung	21000 - 24000 kg	46,300 - 52,900 lbs



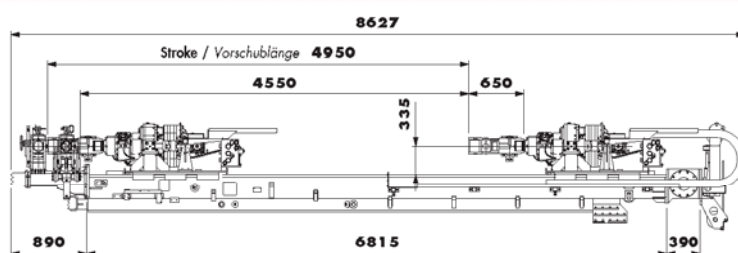




Mast DM 260

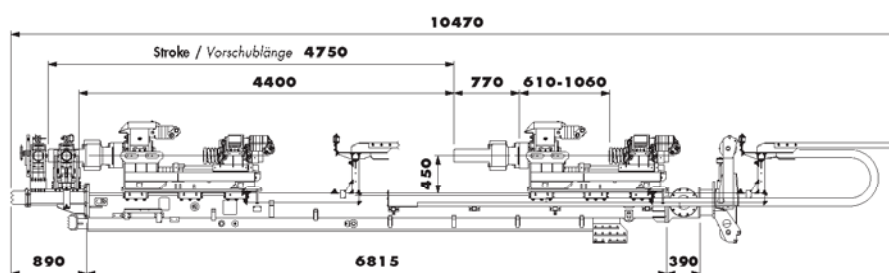
DRIFTER HB 60

Hydraulikhammer
HB60



Double-head drill unit

Doppelkopf-
bohranlagen

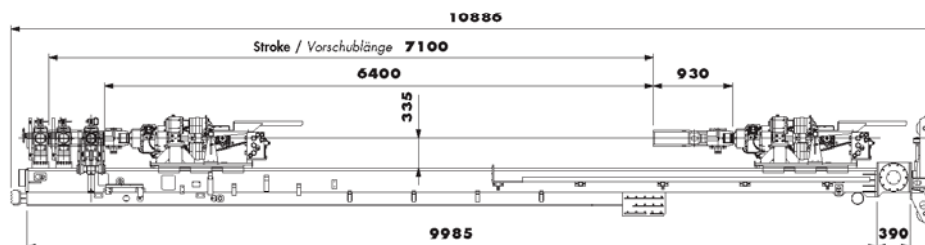


Extraction / Crowd force	Rückzugkraft / Vorschubkraft	100 / 100 kN	22,500 / 22,500 lbs
Fast speed Extraction / Crowd	Rückzug schnell / Vorschub schnell	63 / 63 m/min	206 / 206 ft/min
Slow speed Extraction / Crowd	Rückzugsgeschwindigkeit / Vorschubgeschwindigkeit	17,5 / 17,5 m/min	57,4 / 57,4 ft/min
Rotary head side movement	Gleitschlitten seitlich verschiebbar	575 mm	22.6 in

Mast DM 260 (Optional)

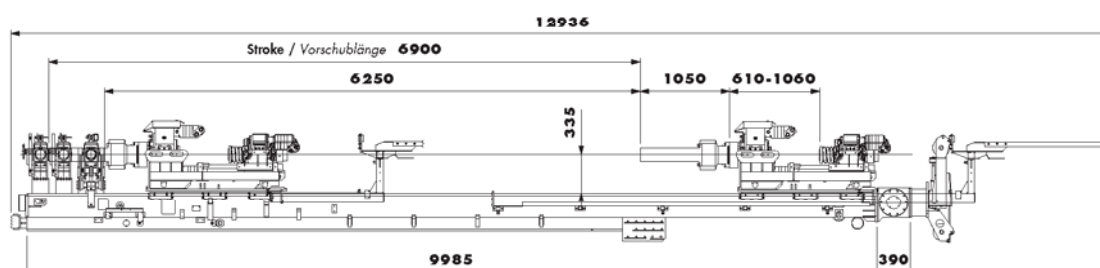
DRIFTER HB60

Hydraulikhammer
HB60

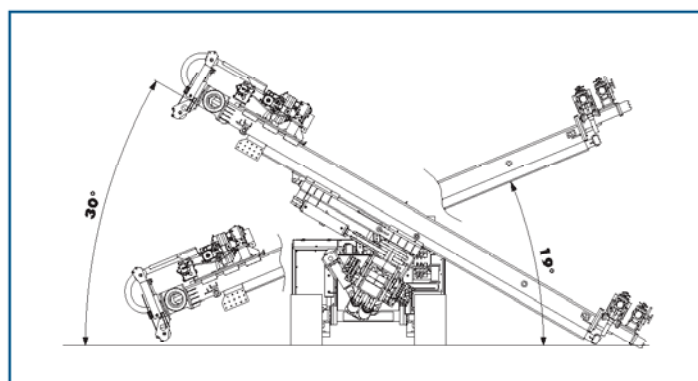
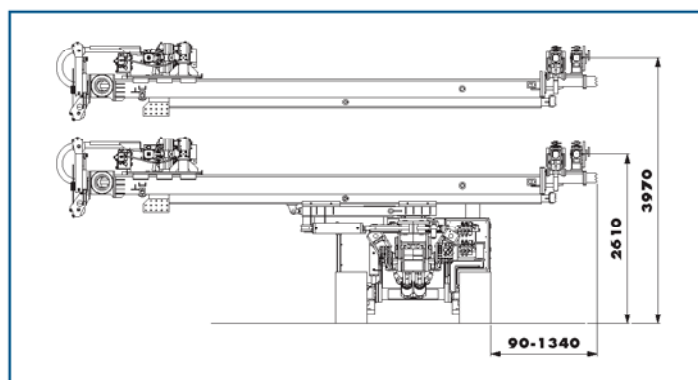
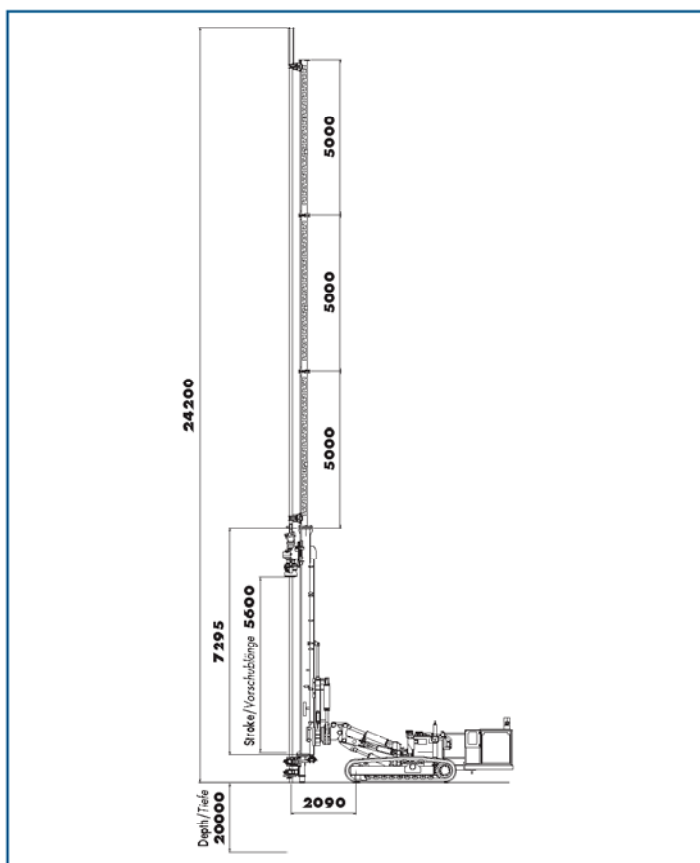
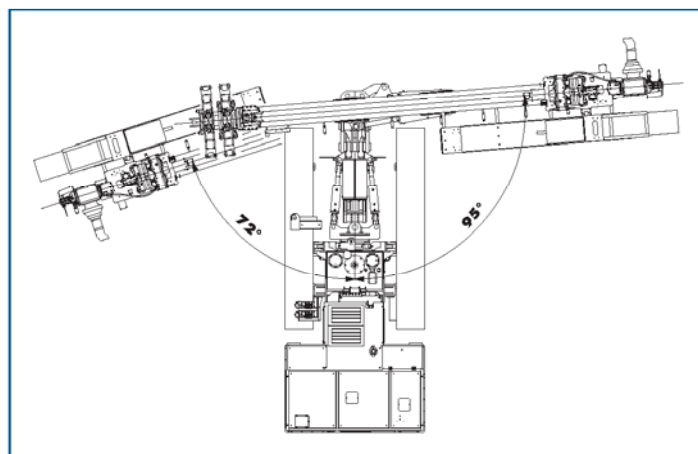
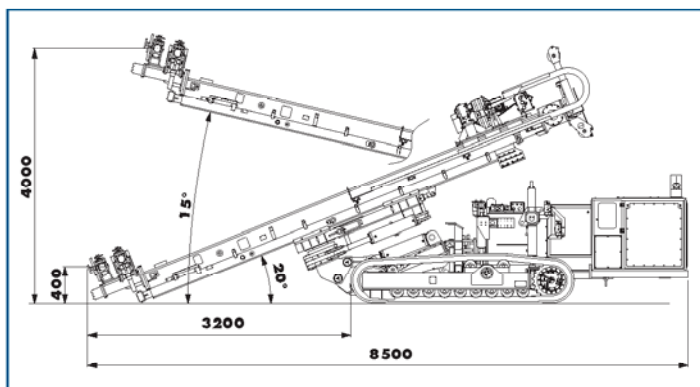
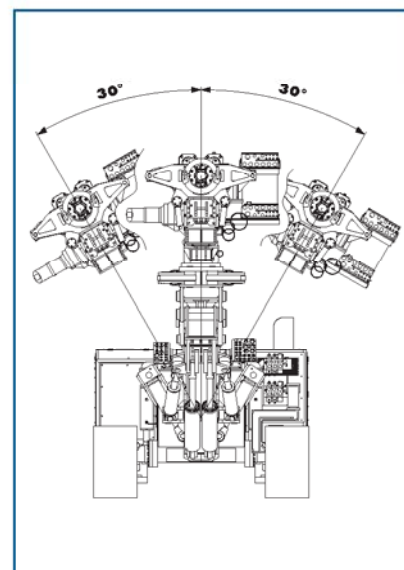
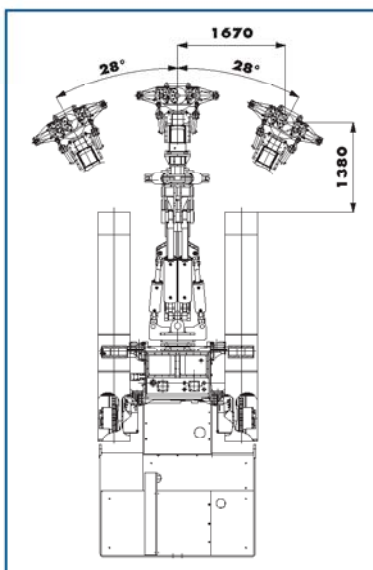
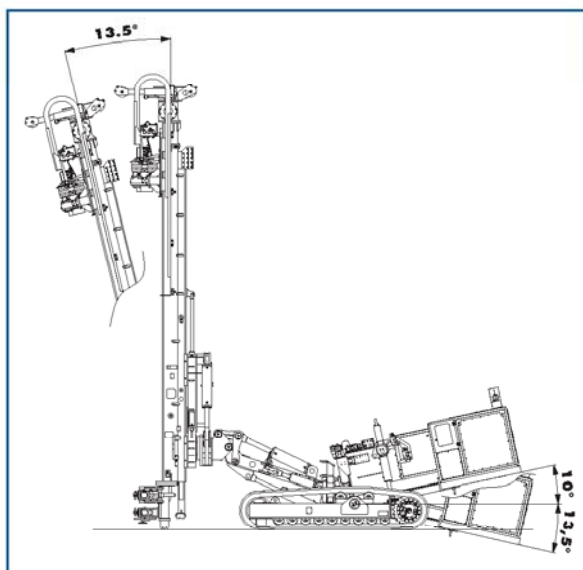


Double-head drill unit

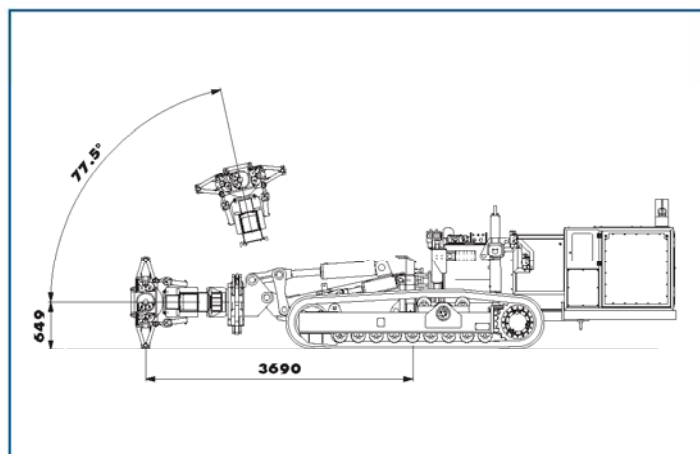
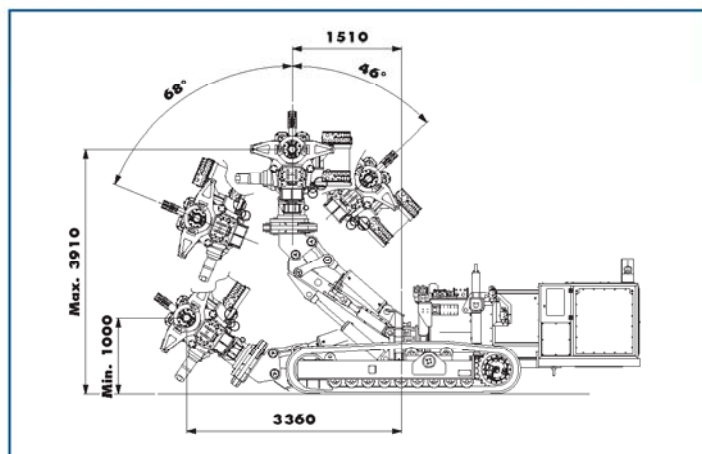
Doppelkopf-
bohranlagen



Extraction / Crowd force	Rückzugkraft / Vorschubkraft	100 / 100 kN	22,500 / 22,500 lbs
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
Rotary head side movement	Gleitschlitten seitlich verschiebbar	575 mm	22.6 in



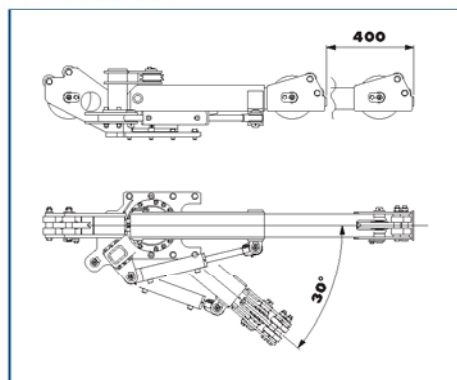
Without magazines M3/M4 - Ohne Magazin M3/M4



Without magazines M3/M4 - Ohne Magazin M3/M4

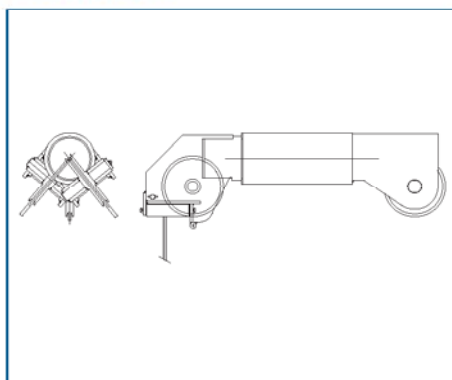
Option / Optionen

Cat head Turmkrone

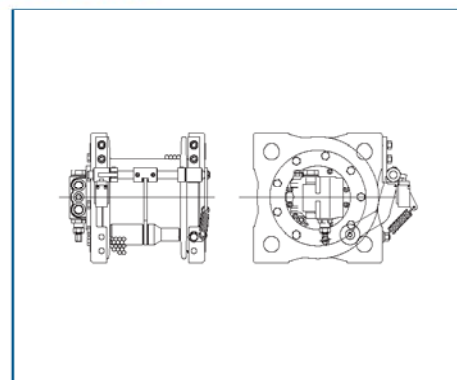


Telescopic and 40° swinging
Teleskopierbar und 40° schwenkbar

Cat head Turmkrone

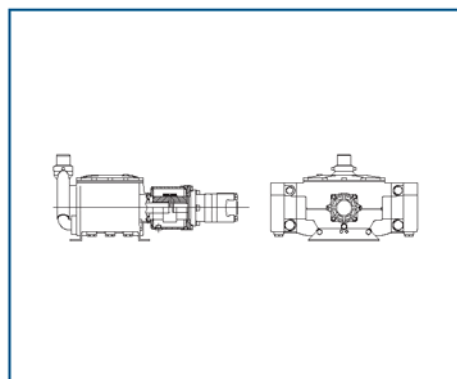


Winch Seilwinde



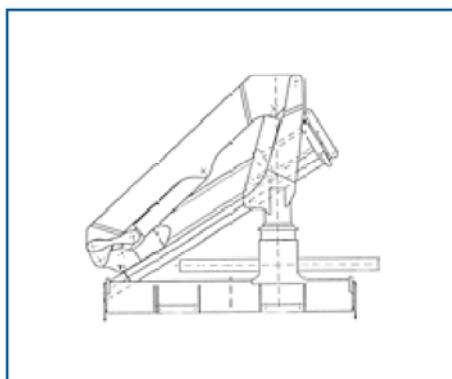
Winch type A2/A3 = 20/30 kN
Winde Typ A2/A3 = 4,500/6700 lbs

Flushing pump type „Gamma“ Spülpumpe Typ „Gamma“



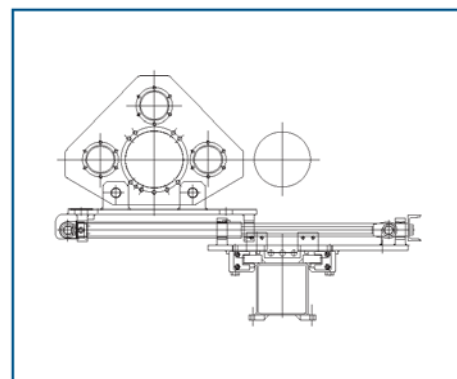
Qmax. = 200 l/min. (52 gpm)
pmax. = 60 bar (850 psi)

Casing crane Gestängekran

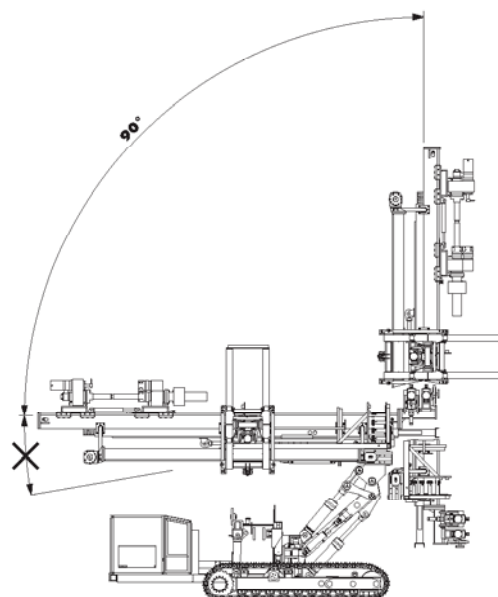
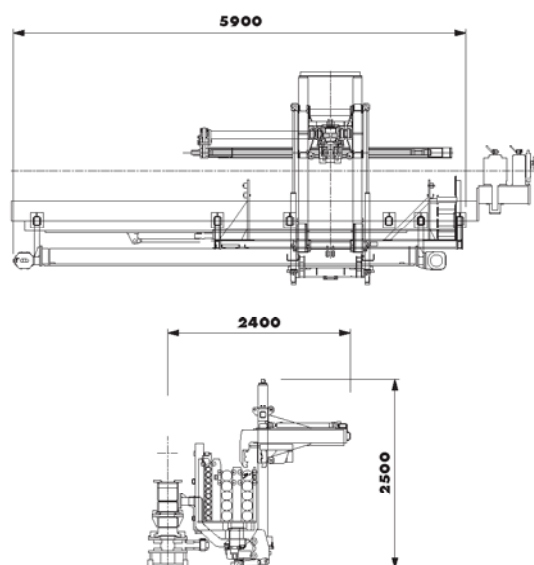


Capacity: M max. = 2.5 mt
Kapazität: M max. = 2,5 mt

Lateral slide Gleitschlitten seitlich verschiebbar

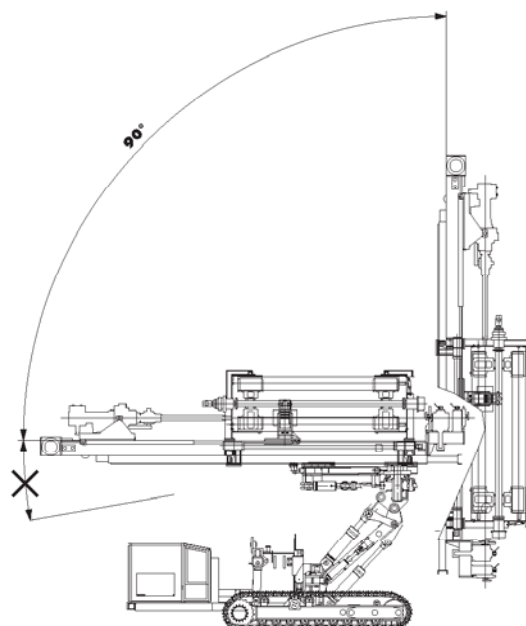
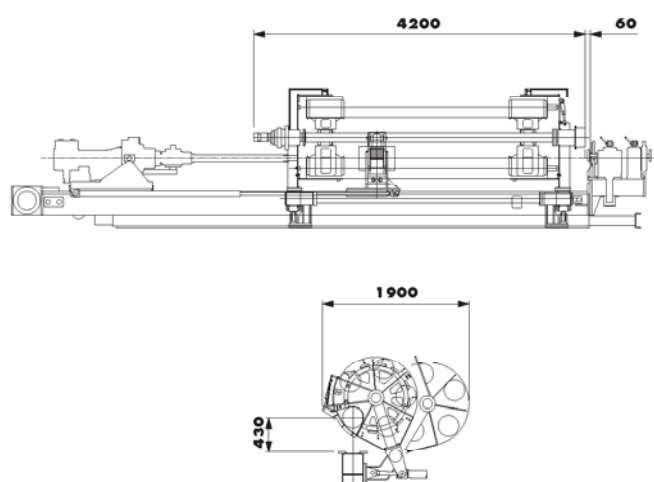


Box magazine M3 / Kastenmagazin M3

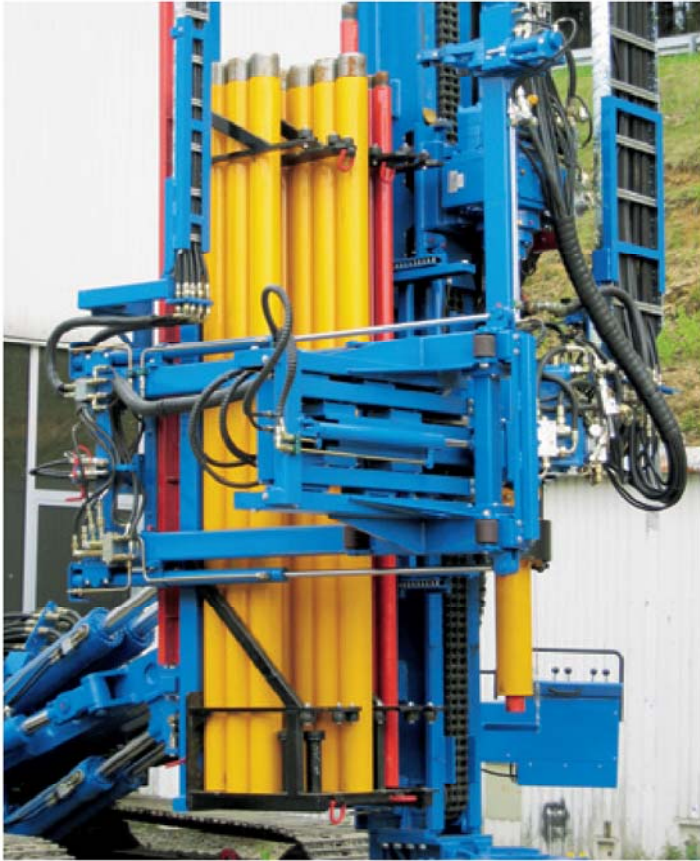


RODS diameter (mm) Durchmesser Innengestänge (mm)	Casing diameter (mm) Durchmesser Außengestänge (mm)	QUANTITY OF RODS Anzahl der Rohre	Length (mm) Länge (mm)
T45	114,3	10	3000
88,9	133	10	3000
101,6	152,4	8	3000
114,3	177,8	8	3000
133	203	4	3000
133	219	4	3000

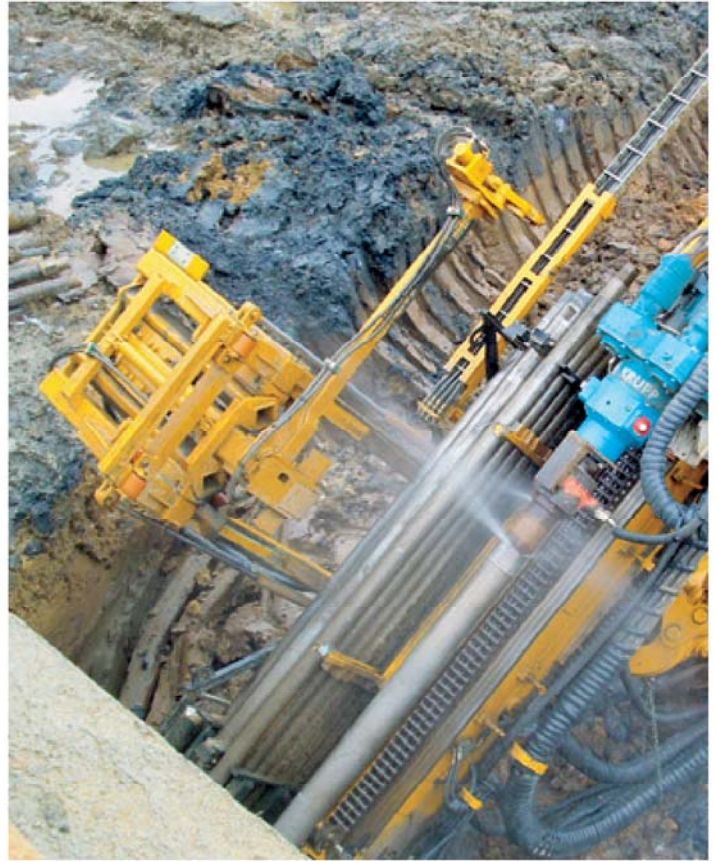
Revolver magazine M4 / Trommelmagazin M4



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.*



HÜTTE
BOHRTECHNIK

Hütte Bohrtechnik GmbH

Ziegeleistraße 36
D-57462 Olpe/Biggesee
Germany
Tel.: +49(0)2761/9644-0
Fax: +49(0)2761/63852
info.huette@casagrandegroup.com

www.casagrandegroup.com

casagrande
group

