

A detailed technical line drawing of a hydraulic drill rig, shown in a perspective view. The drawing is light blue and serves as a background for the text. It illustrates the complex mechanical structure of the drill, including the motor, drive shaft, and various hydraulic components.

# HBR 203

**Hydraulisches Bohrgerät**  
*Hydraulic drill rig*

**HÜTTE**  
BOHRTECHNIK

The logo for Hütte Bohrentechnik, featuring the word 'HÜTTE' in a large, bold, blue font with a metallic gradient. Below it, the word 'BOHRTECHNIK' is written in a smaller, blue, sans-serif font. To the right of 'BOHRTECHNIK' is a stylized graphic element consisting of three vertical bars of varying heights, with the tallest bar on the left and the shortest on the right, all in a blue color with a metallic gradient.

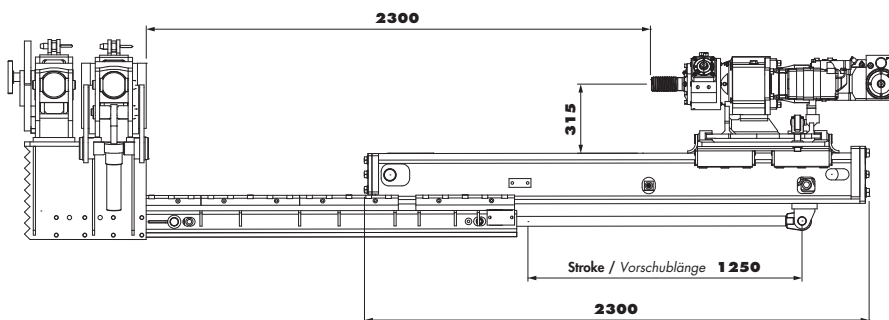
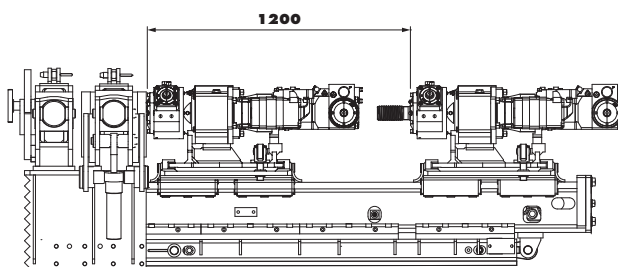
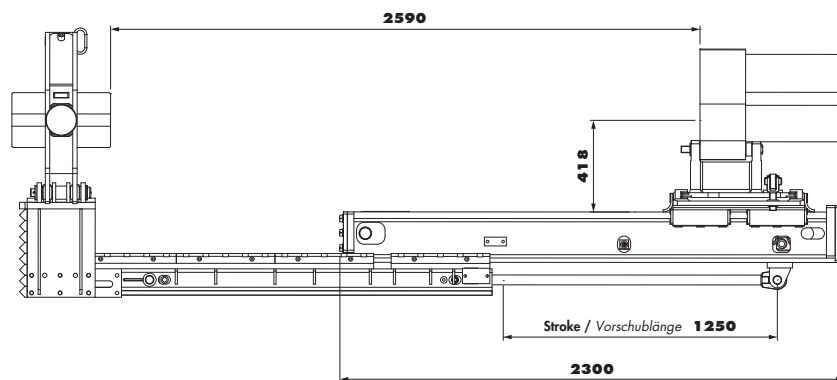
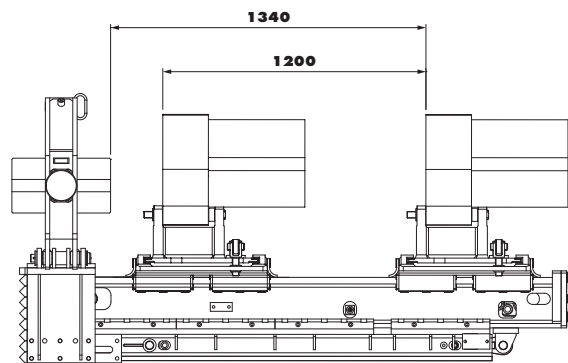


## Technical specifications / Technische Daten

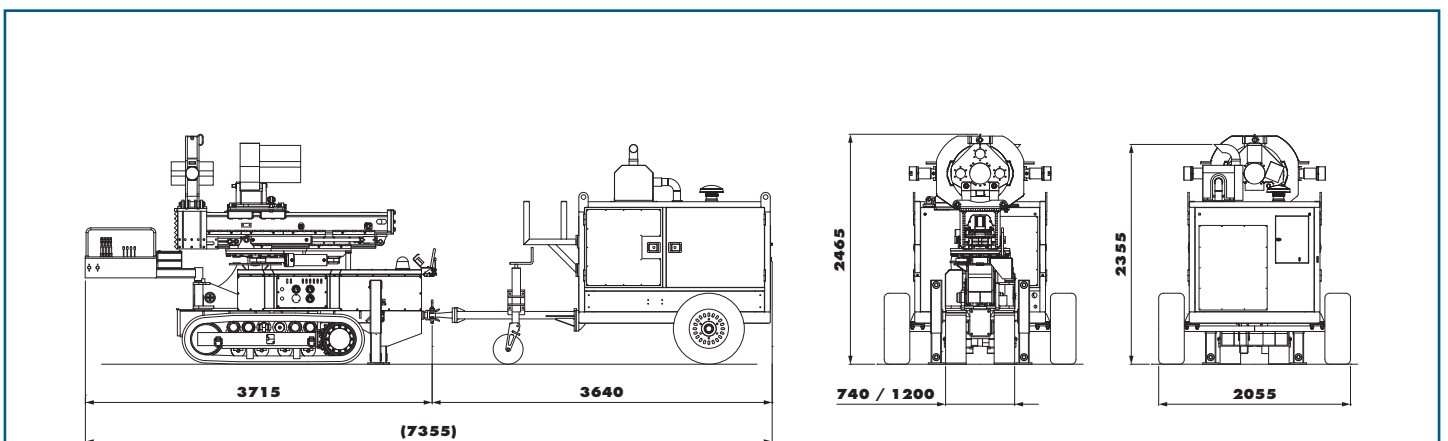
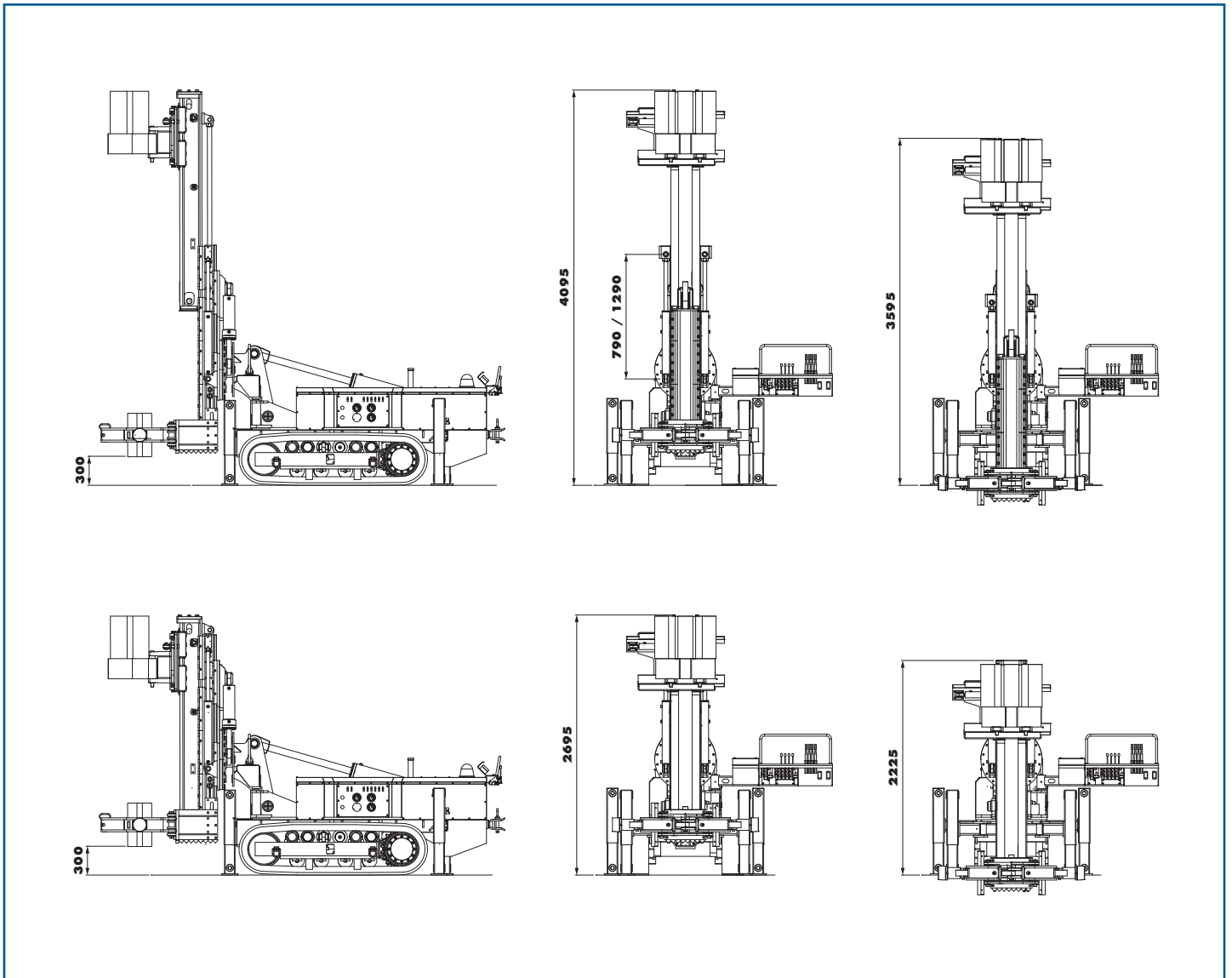
<b>Machine</b>	<i>Maschine</i>		
<b>Crawler base</b>	<i>Raupenfahrwerk</i>		
Overall width of undercarriage	<i>Gesamtbreite</i>	740/1200 mm	
Track shoes width	<i>Kettenbreite</i>	220 mm	
Overall tracks length	<i>Länge der Fahrschiffe</i>	1950 mm	
Travel speed	<i>Fahrgeschwindigkeit</i>	2 km/h	
Max. gradeability	<i>Max. Steigfähigkeit</i>	20°	
Ground pressure	<i>Spez. Bodendruck</i>	9,6 N/cm <sup>2</sup>	
<b>Powerpack</b>	<i>Antriebsaggregat</i>		
<b>Engine</b>	<i>Motor</i>	Cummins	
Model	<i>Typ</i>	QSB4,5-TAA Step3	
Rated power at 2200 rpm	<i>Leistung bei 2200 U/min</i>	97 kW	
Fuel tank capacity	<i>Kraftstofftankinhalt</i>	190 l	
Hydraulic oil tank capacity	<i>Öltankinhalt</i>	350 l	
<b>Mast</b>	<i>Lafette (Vorschubgetriebe)</i>		
Mast length	<i>Lafettenlänge</i>	2300 mm	
Stroke of rotary head	<i>Vorschublänge</i>	1200 mm	
Extraction force	<i>Rückzugskraft</i>	62 kN	
Crowd force	<i>Vorschubkraft</i>	38 kN	
Work extraction / Crowd speed	<i>Vorschub- /Rückzugsgeschwindigkeit</i>	10/16 m/min	
Fast extraction / Crowd speed	<i>Vorschub- /Rückzugschnell</i>	25/41 m/min	
<b>Clamps *</b>	<i>Klemm- u. Brechvorrichtung *</i>	<b>CB2/1</b>	<b>CB3/2</b>
Diameters	<i>Durchmesserbereich</i>	68/254 mm	67/324 mm
Clamping force	<i>Klemmkraft</i>	196 kN	196 kN
			<b>C7</b>
			152/610 mm
			196 kN
<b>Hydraulic hammer</b>	<i>Hydraulikhammer</i>		
Recommended	<i>Empfohlen</i>	HB35A - HB45A	
<b>Rotary heads</b>	<i>Kraftdrehköpfe</i>		
Recommended	<i>Empfohlen</i>	HG 8 - HG 12 - HG 20 - HG 28	
<b>Dimensions and weight</b>	<i>Abmessungen und Gewicht</i>		
Length	<i>Länge</i>	3795 mm	
Width	<i>Breite</i>	1520 mm	
Height	<i>Höhe</i>	2465 mm	
Operating weight (approx.)	<i>Einsatzgewicht (ca.)</i>	6200 kg	
<b>Optional</b>	<i>Optionen</i>		
Winch	<i>Seilwinde - max. Zugkraft</i>	13 kN	
Pumps for water / foam	<i>Wasserpumpe / Schaumpumpe</i>	8 l	
Electric motor	<i>Leistung-elektrisch</i>	75 kW	
Radio remote control	<i>Mit Funkfernsteuerung</i>		

\* Other clamps available on request / Weitere Klemm- und Brechvorrichtungen auf Anfrage erhältlich

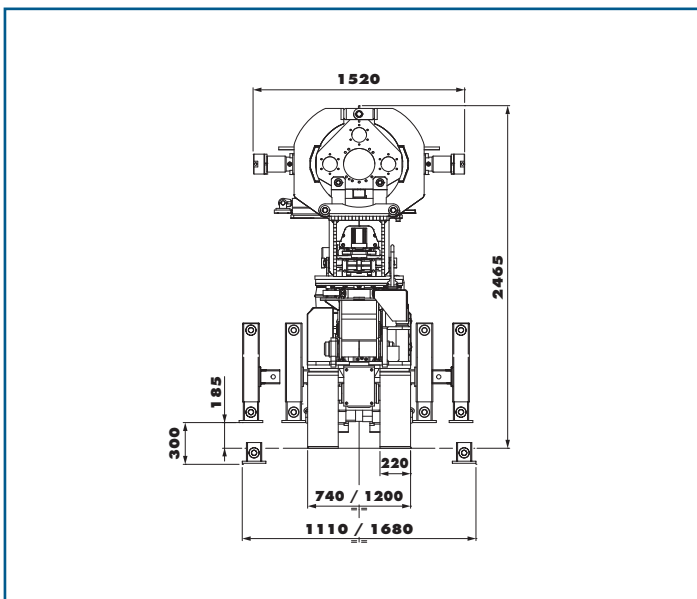
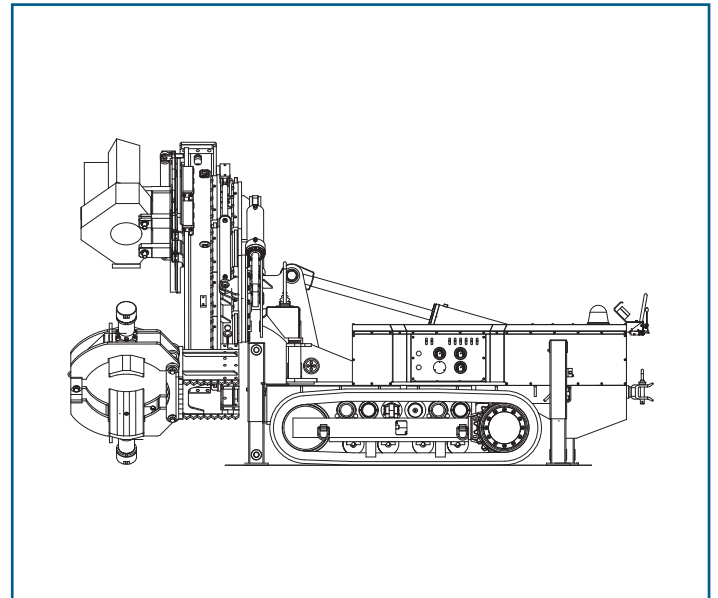
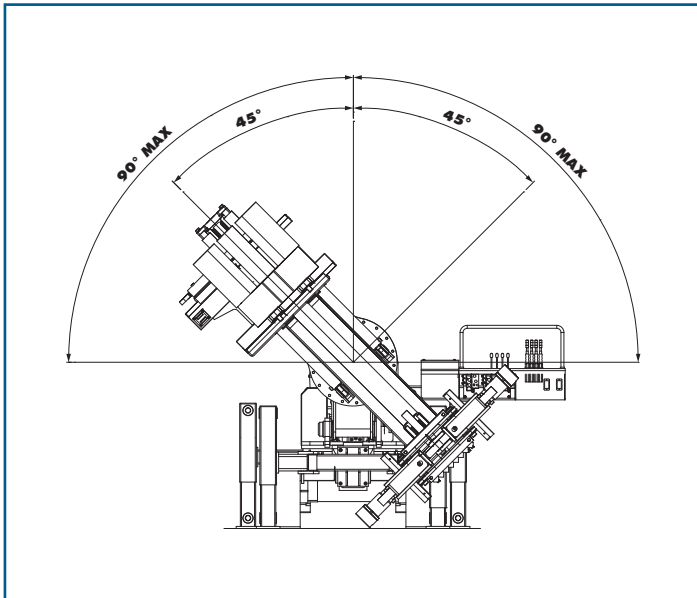
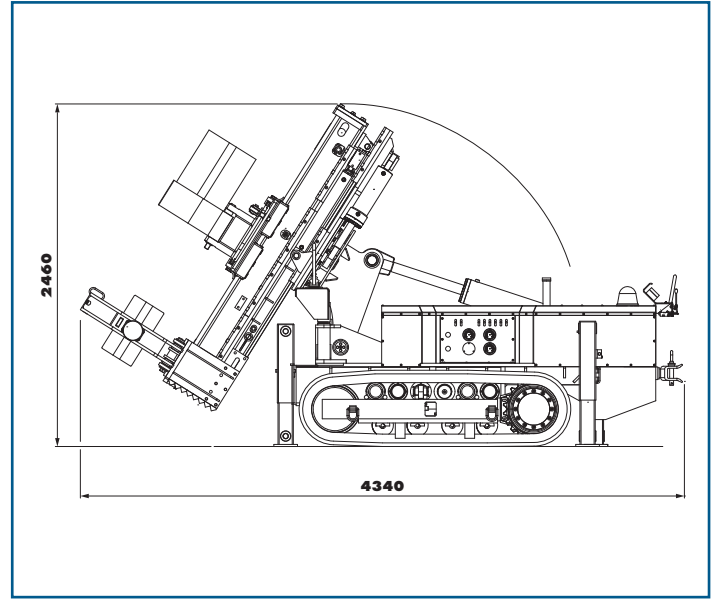
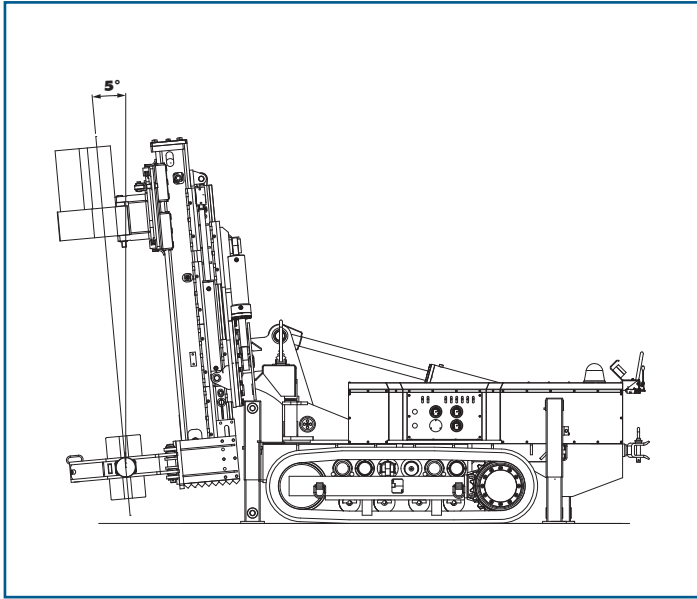
Mast technical specifications / Technische Daten Lafette



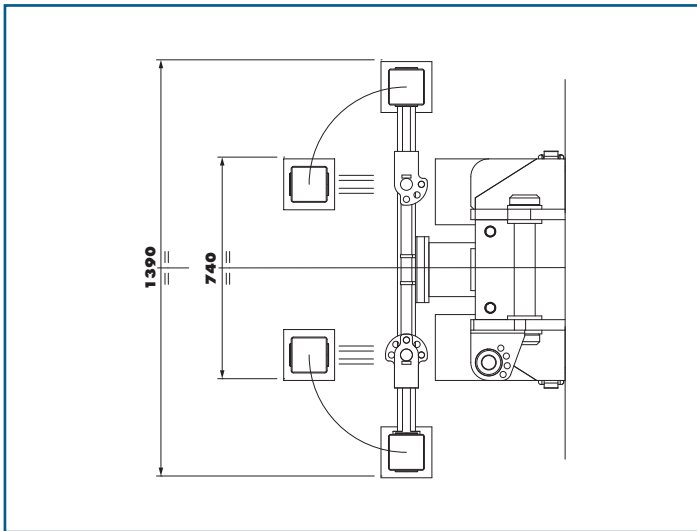




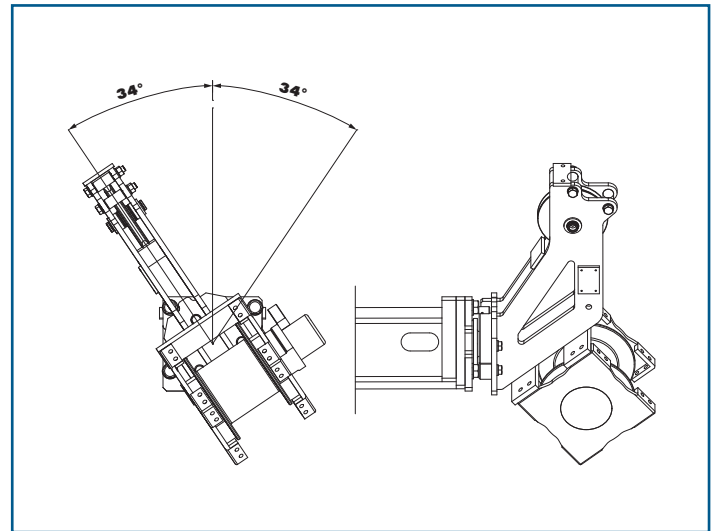
Overall weight - Machine 6200 kg\* - Power Pack 8700 kg\*  
 Gewicht - Maschine 6200 kg\* - Antriebsaggregat 8700 kg\*  
 \* depending on mounted equipment - abhängig von der Geräteausrüstung



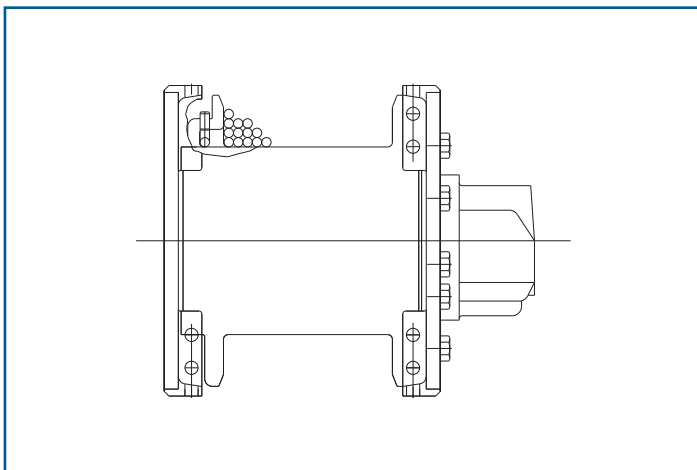
### Cat head Turmkrone



### Cat head with winch Turmkrone mit Winde

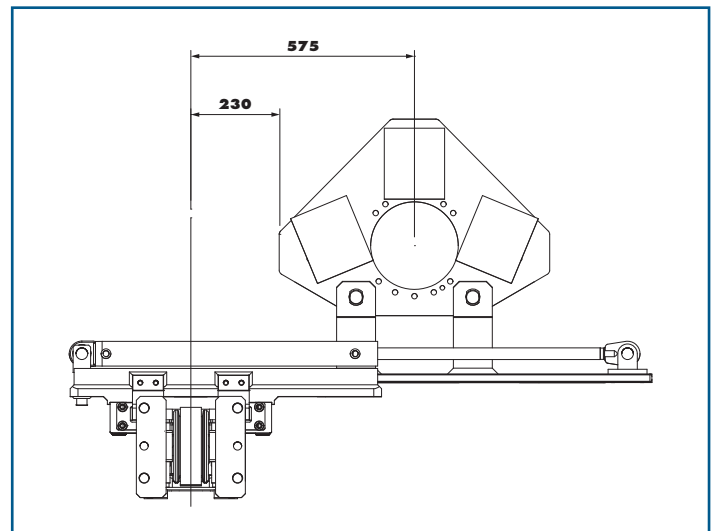


### Winch Seilwinde

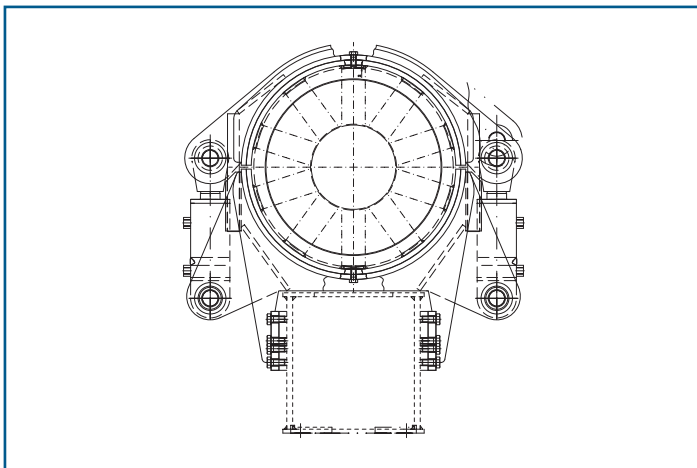


Winch - 13 kN  
Winde - 13 kN

### Lateral slide Gleitschlitten seitlich verschiebbar

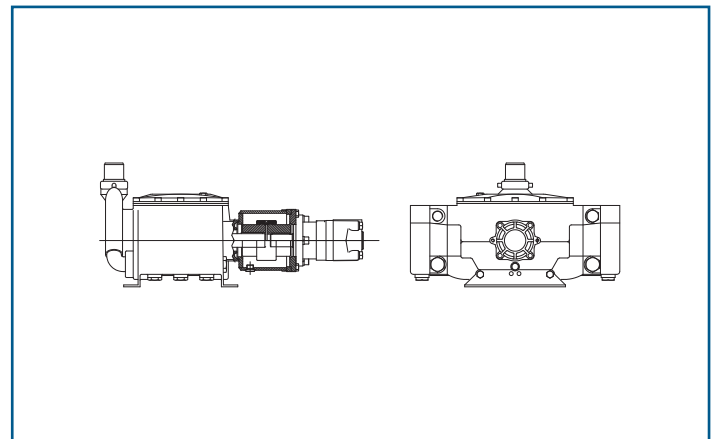


### Clamping device Klemmvorrichtung



Raccomended for auger drilling;  $\varnothing$  219 - 508  
Empfohlen für Schnecken bohren;  $\varnothing$  219 - 508

### Flushing pump type Gamma 202 Spülpumpe Typ Gamma 202



Pressure 40 bar - (580 psi)  
Delivery 200 l/min - (52.8 gal/min)  
Other pumps on request

Druck  $p=40$  bar  
Durchflussmenge  $Q=200$  l/min  
Andere pumpen auf Anfrage

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.*



04 / 2013



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group 