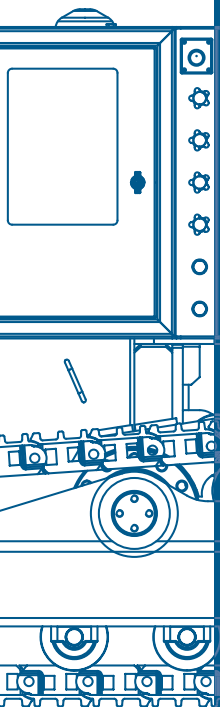




HBR 204 MP

Hydraulisches Bohrgerät
Hydraulic drill rig





Technical specifications / Technische Daten

Engine Type	Motor-Typ		
Diesel engine	Dieselmotor	CUMMINS - EU Stage IV - US EPA Tier 4	
Rated output at 2000 rpm	Leistung bei 2000 U/min	168 kW	225 HP
Fuel tank capacity	Dieseltankinhalt	300 l	79 gal
AdBlue tank capacity	AdBluetankinhalt	57 l	15 gal

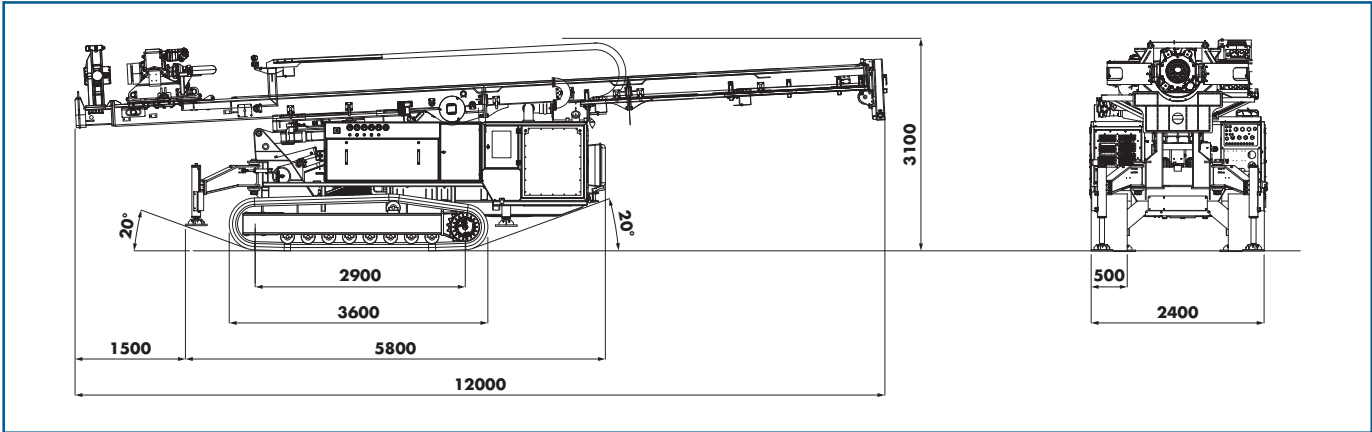
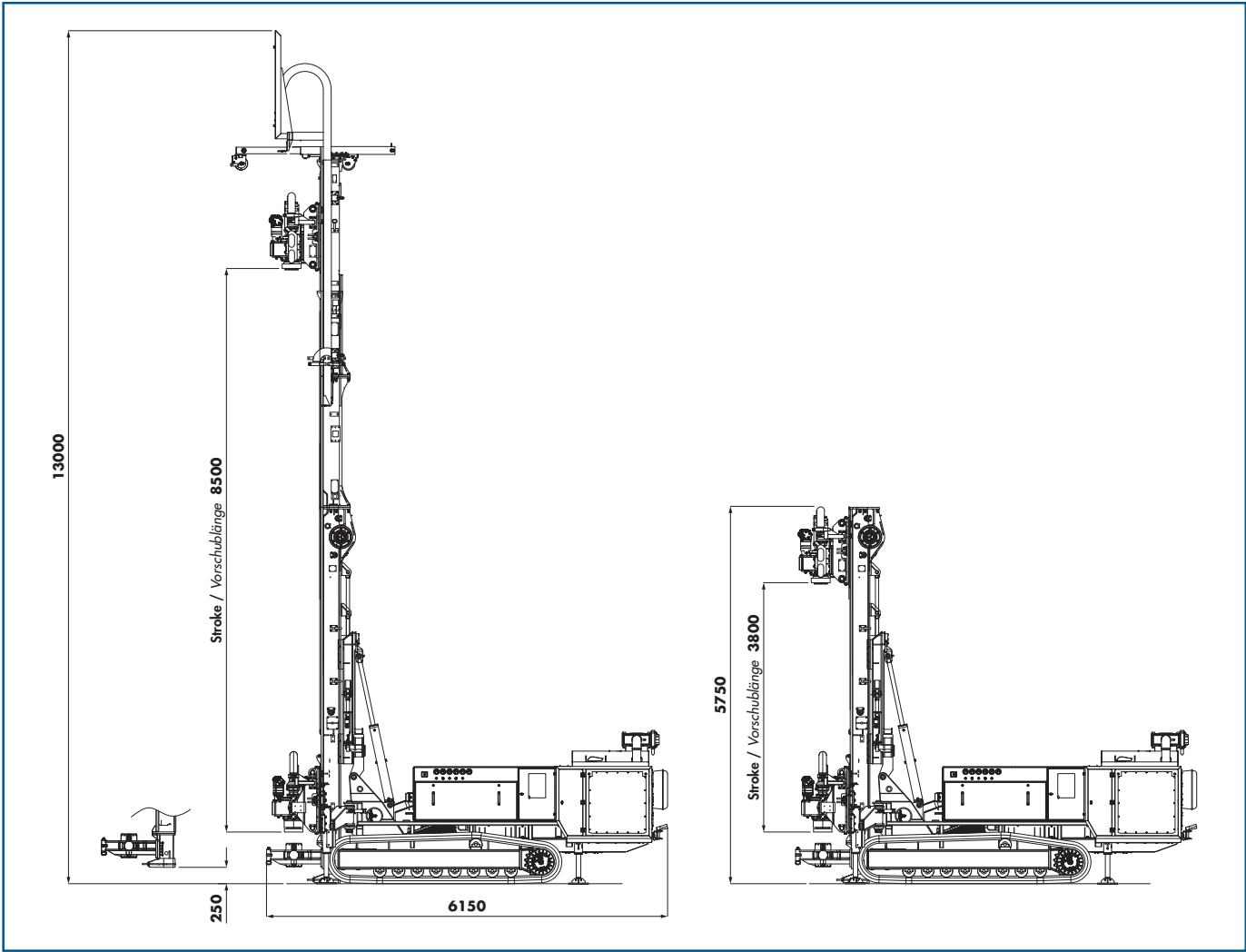
Hydraulic system	Hydrauliksystem	Load Sensing	Load sensing
Hydraulic pumps	Hydraulikpumpen		
1st circuit	1. Kreislauf	2x230 l/min	2x60 gpm
2nd circuit	2. Kreislauf	180 l/min	47 gpm
3rd circuit	3. Kreislauf	58 l/min	15 gpm
Hydraulic oil tank capacity	Hydrauliköltankinhalt	390 l	103 gal
Operating pressure	Systemdruck	300 bar	4,350 psi

Crawler base	Raupenfahrwerk		
Towing force max.	Zugkraft max.	130 kN	29,225 lbf
Crawler speed max.	Fahrgeschwindigkeit max.	2,5 km/h	1.5 mph
Ground pressure	Bodendruck	50 kPa	7.3 psi
Overall width of undercarriage	Gesamtbreite	2400 mm	7.9 ft
3-web track shoes	3-Steg Bodenplatten	500 mm	19.7 in
Overall tracks length	Länge der Fahrschiffe	3600 mm	11.8 ft
Ground clearance	Bodenfreiheit	450 mm	17.7 in

Clamping devices	Klemmvorrichtungen	B8-2	B12
Diameter	Durchmesser	194÷660 mm 7.6÷26 in	324÷880 mm 12.7÷35 in
Clamping force	Klemmkraft	280 kN 62,950 lbs	280 kN 62,950 lbs

Rotary heads	Kraftdrehköpfe	HG43	
Recommended	Empfohlen	52.6 kNm	38,800 lbf-ft

Rotary heads	Kraftdrehköpfe	T5000	
Recommended	Empfohlen	55 kNm	40,000 lbf-ft



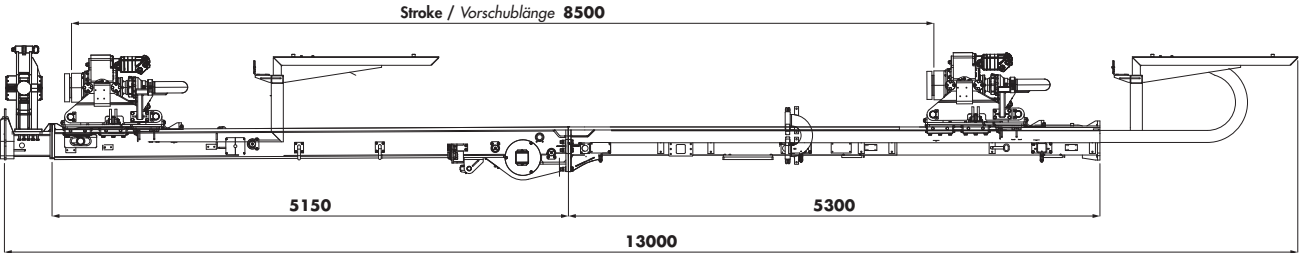
Overall length	Gesamtlänge	12000 mm	23.6 ft
Overall width	Gesamtbreite	2400 mm	7.9 ft
Overall height	Gesamthöhe	3100 mm	10.2 ft
Weight *	Gewicht *	17000 kg	37,500 lbs

* Depending on mounted equipment / Abhängig von der Geräteausrüstung

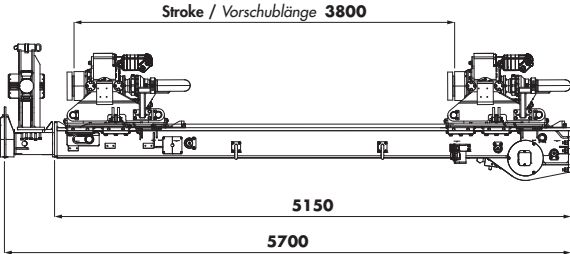
Mast DM 300 / Lafette Typ DM 300

SINGLE ROTARY HEAD HG 43
KONFIGURATION MIT EINZELKOPFBOHRANLAGE HG43

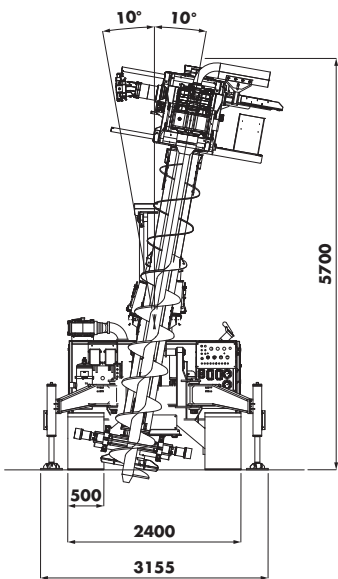
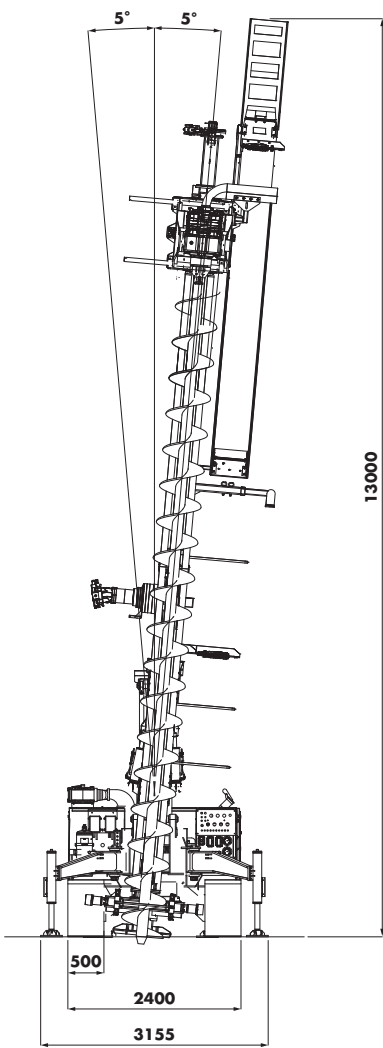
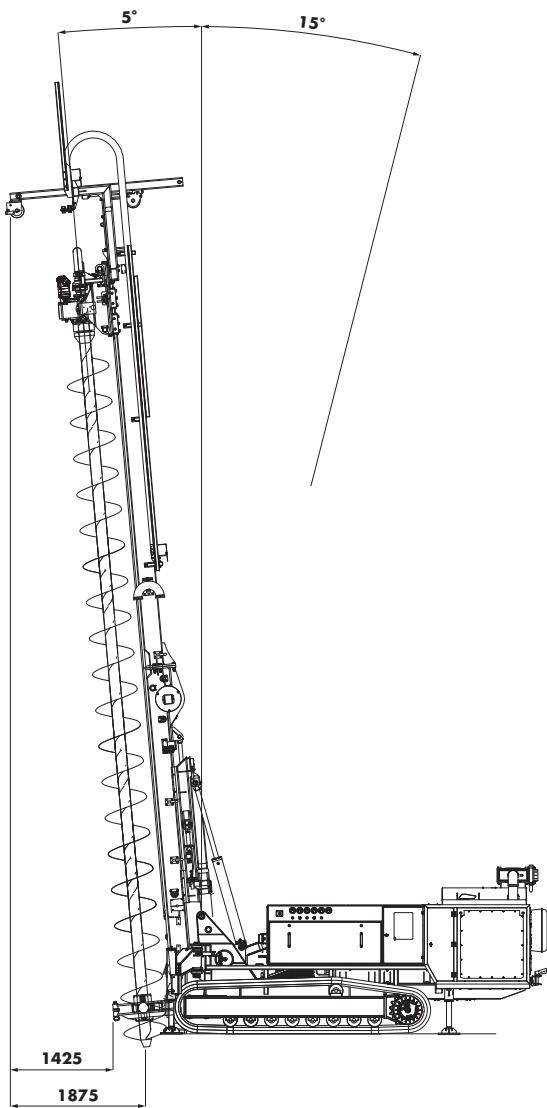
Stroke 8500 mm
Vorschublänge 8500 mm



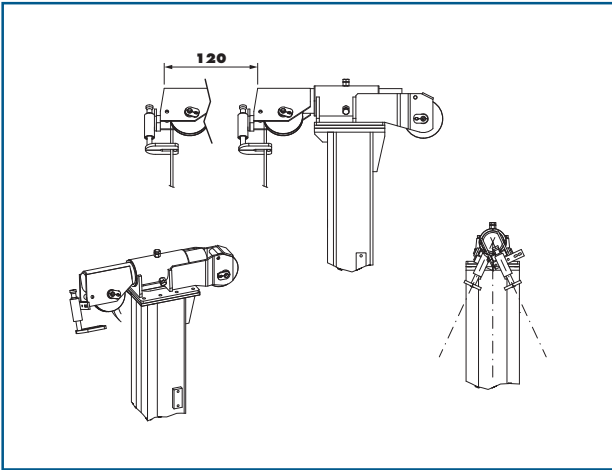
Stroke 3800 mm
Vorschublänge 3800 mm



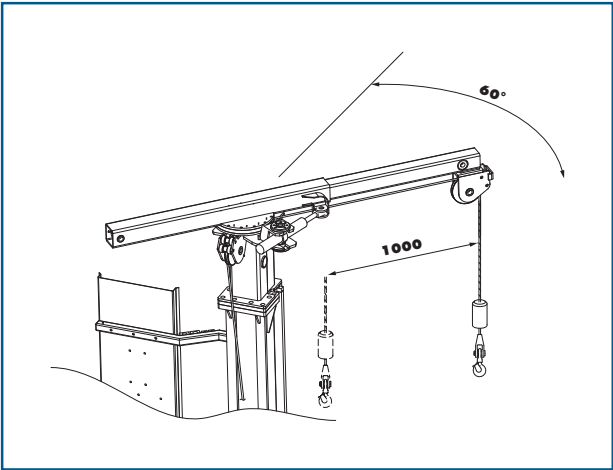
Drill mast	Bohrlafette	DM 300	
Extraction / crowd force	Rückzugkraft / Vorschubkraft	150 / 150 kN	33,700 / 33,700 lbs
Working speed extraction / crowd	Rückzug- / Vorschubgeschwindigkeit	11 m/min	36 ft/min
Fast speed extraction / crowd	Rückzug / Vorschub schnell	70 m/min	230 ft/min



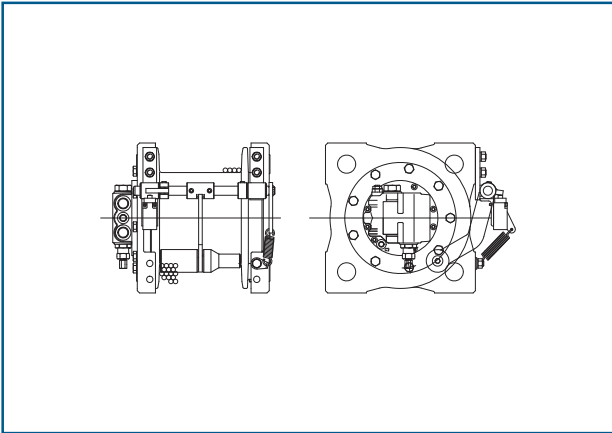
Floating Pulley
Turmkrone



Telescopic and 60° swinging cat head
Turmkrone, teleskopierbar und 60° schwenkbar

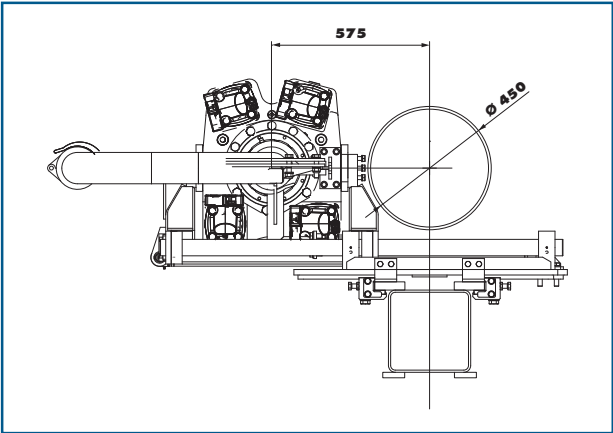


Winch
Seilwinde

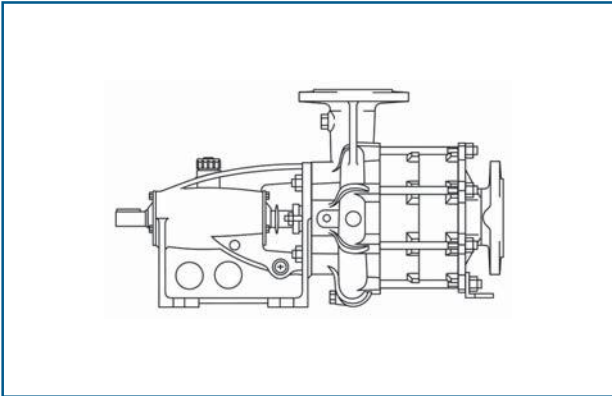


Winch type A1 Fmax. = 10 kN Winde Typ A1 Fmax. = 10 kN
Winch type A2 Fmax. = 20 kN Winde Typ A2 Fmax. = 20 kN
Winch type A3 Fmax. = 30 kN Winde Typ A3 Fmax. = 30 kN

Lateral slide - HG43
Gleitschlitten seitlich verschiebbar - HG43

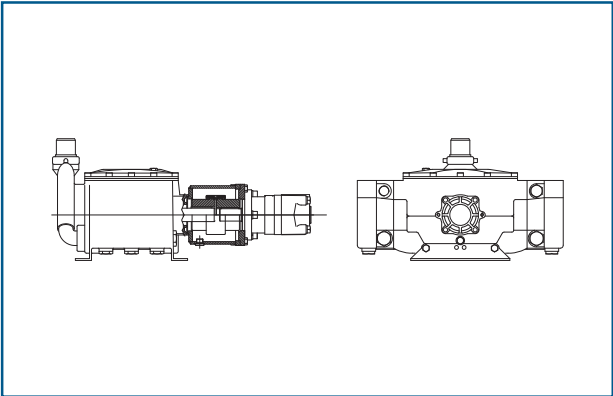


Flushing pump type Caprari MR65-2/3A
Spülpumpe Typ Caprari MR65-2/3A



Pressure 16 bar - (232 psi)
Delivery 1800 l/min - (475 gal/min)
Druck p=16 bar
Durchflussmenge Q=1800 l/min

Flushing pump type Gamma 202
Spülpumpe Typ Gamma 202



Pressure 50 bar - (725 psi)
Delivery 180 l/min - (47 gal/min)
Druck p=50 bar
Durchflussmenge Q=180 l/min

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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