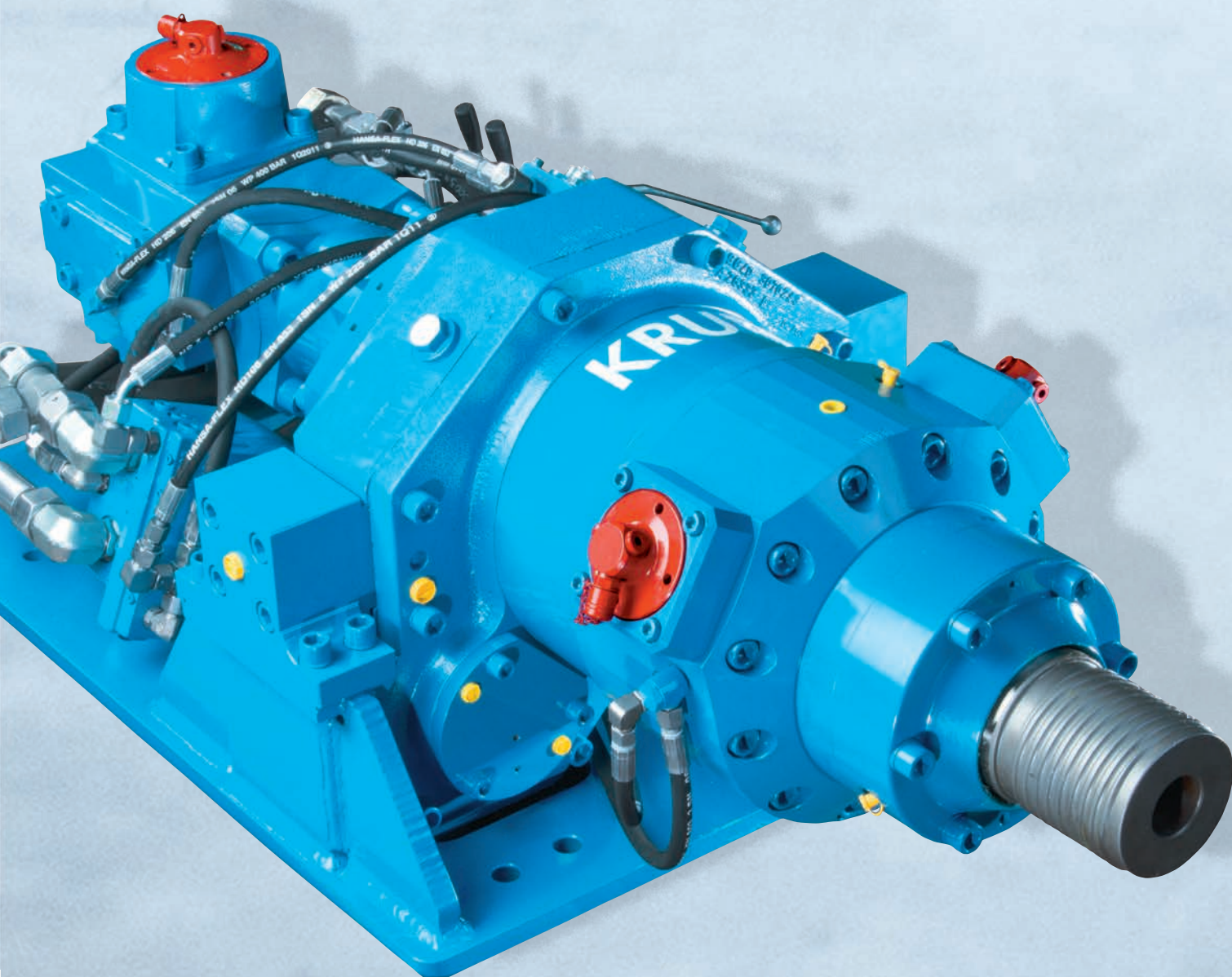


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KRUPP Drifter HB50.

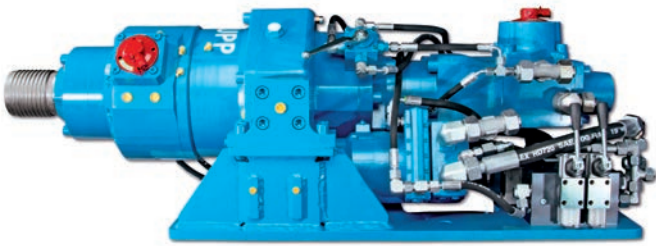


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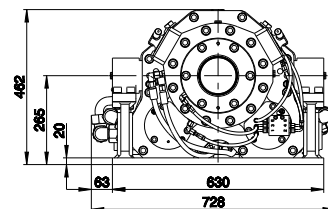
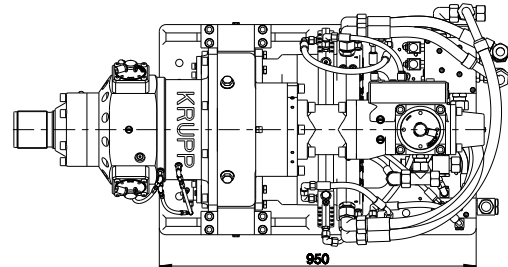
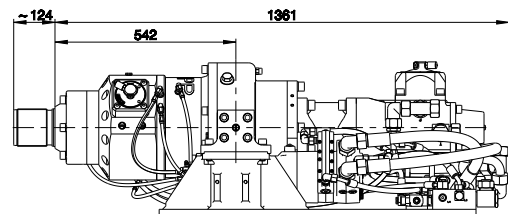
KRUPP Drifter HB50

Compact design – the ideal drifter (hammer drill) for mid-size and larger drill rigs and excavator mounted drill masts.



- Especially developed for overburden drilling, drive drilling, threaded self-drilling anchors and micropiles.
- Casing diameter up to 219 mm (9 inch) and threaded hollow bars up to a diameter of 103 mm (4 inch).
- The standard built-in hydraulic damping mechanism improves retraction of casings and rods and avoids blank impacts.
- Optional: electric, hydraulic or manual changeover for the rotary drive speed and for the percussion mechanism frequency.
- Options: external flushing head, central lubrication system and integrated RPM sensor.

Main Dimensions



Weight approx. 815 kg
(including base plate)

Retraction Force max. 200 kN



Rotary Drives

Motor-Version 670 ccm																	
Pressure at rotary drive		70 bar				140 bar				170 bar				200 bar			
Gear			2 nd		1 st		2 nd		1 st		2 nd		1 st		2 nd	1 st	
Oil flow rate (lpm)	90	Torque (Nm) Speed (rpm)	2,100 45		4,200 21		4,300 43		8,600 19		5,300 40		10,800 19		6,400 39	12,900 18	
	150	Torque (Nm) Speed (rpm)	2,000 71		4,200 35		4,200 69		8,500 33		5,300 69		10,700 33			12,900 32	
	170	Torque (Nm) Speed (rpm)	2,000 80		4,200 39		4,100 78		8,500 38		5,200 78		10,700 39			12,900 36	

1st gear (parallel mode), 2nd gear (serial mode)

Intermittent mode (max. 10% per minute)

1st gear (parallel mode), 2nd gear (serial mode)

■ Intermittent mode (max. 10% per minute)

Motor-Version HP677.1 ccm (standard)																		
Pressure at rotary drive			140 bar				200 bar				240 bar				280 bar			
Gear			4 th	3 rd	2 nd	1 st	4 th	3 rd	2 nd	1 st	4 th	3 rd	2 nd	1 st	4 th	3 rd	2 nd	1 st
Oil flow rate (lpm)	90	Torque (Nm) Speed (rpm)	2,500 64	4,100 43	5,800 32	8,900 21	3,900 64	6,200 43	8,700 32	13,200 21	4,700 64	7,400 43	10,300 32	15,500 21	5,600 64	8,800 43	12,100 32	18,300 21
	150	Torque (Nm) Speed (rpm)	1,700 107	3,400 71	5,400 53	8,400 36	3,200 107	5,500 71	8,300 53	12,700 36	4,000 107	6,700 71	9,900 53	15,100 36	4,900 107	8,100 71	11,600 53	17,800 36
	170	Torque (Nm) Speed (rpm)	1,400 120	3,100 80	5,200 60	8,100 40	2,900 120	5,300 80	8,100 60	12,500 40	3,700 120	6,400 80	9,700 60	14,800 40	4,600 121	7,800 80	11,400 60	17,500 40
1 st gear (parallel mode). 2 nd gear (parallel + 2-speed mode). 3 rd gear (serial mode). 4 th gear (serial + 2-speed mode)																		

1st gear (parallel mode), 2nd gear (parallel + 2-speed mode), 3rd gear (serial mode), 4th gear (serial + 2-speed mode)

Motor-Version HP677.3 ccm																		
Pressure at rotary drive			140 bar				200 bar				240 bar				280 bar			
Gear			4 th	3 rd	2 nd	1 st	4 th	3 rd	2 nd	1 st	4 th	3 rd	2 nd	1 st	4 th	3 rd	2 nd	1 st
Oil flow rate (lpm)	90	Torque (Nm) Speed (rpm)	2,700 59	4,400 39	6,300 29	9,600 20	4,300 59	6,800 39	9,400 29	14,300 29	5,100 59	8,000 39	11,100 29	16,900 20	6,100 59	9,500 39	13,100 29	19,800 20
	150	Torque (Nm) Speed (rpm)	1,900 98	3,600 66	5,800 49	9,100 33	3,500 98	6,000 66	9,000 49	13,800 33	4,300 98	7,300 66	10,700 49	16,400 33	5,300 98	8,700 66	12,600 49	19,300 33
	170	Torque (Nm) Speed (rpm)	1,600 110	3,300 74	5,600 56	8,800 37	3,100 110	5,700 74	8,800 56	13,500 37	4,000 110	7,000 74	10,500 56	16,100 37	5,000 110	8,400 74	12,400 56	19,000 37
1 st gear (parallel mode), 2 nd gear (parallel + 2-speed mode), 3 rd gear (serial mode), 4 th gear (serial + 2-speed mode)																		

1st gear (parallel mode), 2nd gear (parallel + 2-speed mode), 3rd gear (serial mode), 4th gear (serial + 2-speed mode)

Other motor versions are available

Percussion Unit

Operating pressure (kp/cm ²)	180 - 200 bar
Oil flow rate (l/min)	70 - 90 lpm
Impact rate (min ⁻¹)	1,200 / 1,900 / 2,400 bpm
Single impact energy (Joule)	840 / 540 / 420 Nm

Shank Adaptors (Striker Bars)

Male thread	C112 left, C112 right
Other shank adaptors (striker bars) are available	

Materials Services
Infrastructure

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