



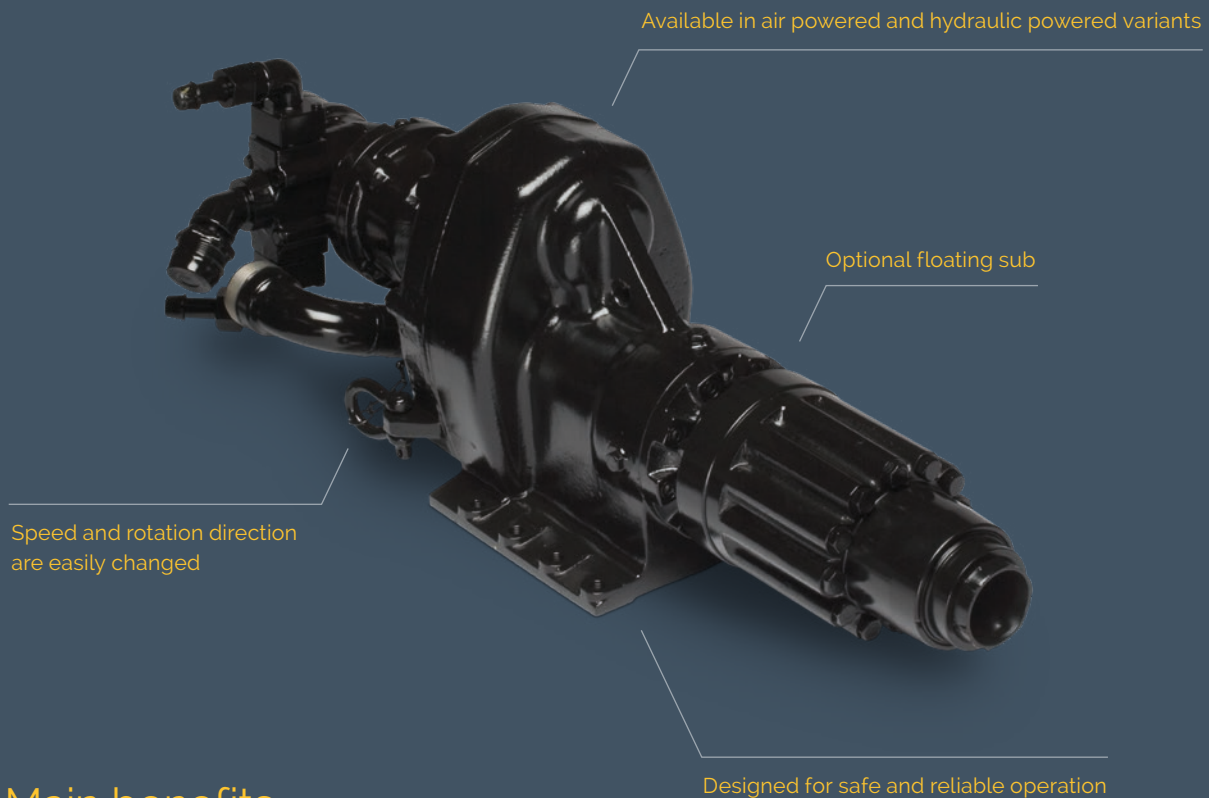
DHR 45

Rotation units for DTH drilling

 **Epiroc**

Optimal productivity

Epiroc's DHR 45 is a rugged, hydraulically powered rotary unit which provides effective, high quality results with any type of down the hole (DTH) hammer.



Main benefits

The power to drill large holes

Well tested, long life motors for quiet operation and minimal maintenance

Prolonged drill pipe life



The DHR 45 was designed for robustness and reliability. All are equipped with both fixed and floating adapters for all common types and dimensions of thread.

Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and performance.

All spare parts and ware parts are available.

Technical specifications

Air powered rotation units

Description	Part number	Adapter type
DHR 45 A-1	4350 2558 41	Floating adapter
DHR 45 A-2	4350 2558 42	Fast adapter

Hydraulic powered rotation units

Description	Part number	Adapter type	Motor type
DHR 45H-1	4350 2581 41	Floating adapter	250 cc
DHR 45H-2	4350 2581 42	Fast adapter	250 cc
DHR 45H-2	4350 2581 52	Fast adapter	250 cc

Specifications

	DHR 45A	DHR 45H
Length (with fixed adapter)	870 mm (2 ft 10 inch)	710 mm (2 ft 4 inch)
Length (with floating adapter)	1 026 mm (3 ft 4.4 inch)	827 mm (2 ft 9 inch)
Width	255 mm (10 inch)	255 mm (10 inch)
Height	333 mm (1 ft 1.1 inch)	333 mm (1 ft 1.1 inch)
Height from base to center of spindle	126 mm (5 inch)	126 mm (5 inch)
Weight (with fixed adapter)	126 kg (278 lb)	111 kg (245 lb)
Weight (with floating adapter)	144 kg (318 lb)	124 kg (273 lb)
Air connection DTH hammer	2 inch	N/A
Number of drive motors	1	N/A
Air connector motor	¾ inch	N/A
Number of drive motors	N/A	1
Torque, max	N/A	2 200 Nm (1 622 lbf-ft)
Pressure drop, max	N/A	175 bar (2 538 psi)
Speed, max	N/A	80 rpm

United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.
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