

Bohrmeister®

BM300 DTH

DTH/ ROTARY RIG

PERFORMANCE

DRILLING DEPTH CAPACITY: 300 m

ROD SIZE: 4 1/2" X 6M

HOLE CAPACITY: 24" (609mm) in Soft Formations
10" (254mm) in Hard Formations

PULL UP FORCE: 180 KN

PULL DOWN FORCE: 110 KN

FEED UP & FEED DOWN SPEED: 0-0.6 m/s (var)

MAST LENGTH: 10m WITH 6.6m TRAVEL

DRILL ANGLE 45-90 DEGREES

DRILL HEAD

HYDRAULIC DRIVEN HEAVY DUTY

TORQUE 9000Nm @ 140 RPM

SPEED 0-200 RPM

RATIO 5:1

CARRIER

MERCEDES BENZ 6X6, ACTROS 3344A/45

COMPRESSOR (mounted on separate carrier)

MAKE: INGERSOL RAND

MODEL: XHP1170WCAT

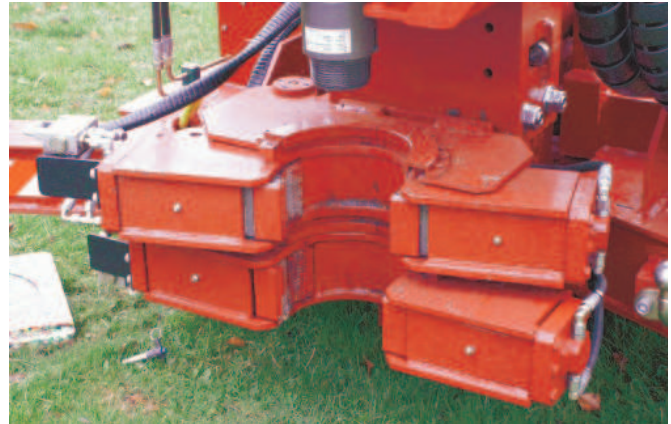
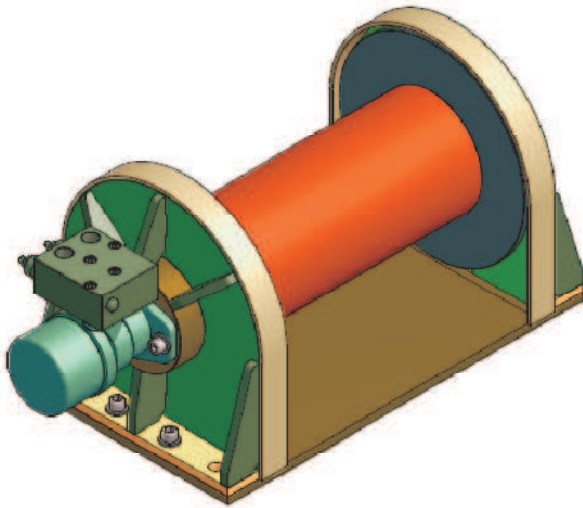
CAPACITY: 24 BAR, 1170CFM



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AUXILIARY ENGINE

MAKE: CUMMINS, 6CTA

POWER: 150Kw @ 1500 rpm

FUEL TANK: 400 litres

HYDRAULICS

STANDARD OFF THE SHELF PRODUCTS

SINGLE OPEN CIRCUIT LS PUMP: 280l/min, 280 bar

OIL RESERVOIR: 600 litres

FILTRATION: 10µM abs

PROPORTIONAL CONTROLS: SAUER DANFOSS

FEATURES

AUTOMATED ROD HANDLER (OPTIONAL)

HEAVY DUTY STABILIZERS (800mm stroke)

HOSES NEATLY CONTAINED IN ENERGY CHAIN

LOW FUEL CONSUMPTION (40% better than other rigs)

LOW MAINTENANCE

SAFETY ALARM & WARNING DEVICES

UTILITY WINCH (2000kg)

ROTATING DOUBLE CLAMP WITH SPLIT GUIDE BUSH

MUD PUMP, FMC BEAN, 1000L/MIN @ 18 BAR

INJECTOR PUMP, FMC BEAN 80L/MIN @ 40 BAR

STATE OF THE ART CONTROL PANELS