

Bohrmeister®

BM1600-DDR

DIRECTIONAL DRILL RIG

PERFORMANCE

DRILLING DEPTH CAPACITY:

1600m (Nominal), 2000m (Peak)

HEAVY DUTY MAST: 12m with 9m Stroke

PULL BACK: 30T (adjustable)

PULL DOWN: 20T (adjustable)

ROD SIZE: NWX6m

DRILL HEAD

TYPE: STAFFA B80

(For threading & un-threading of rods only)

TORQUE: 6000 N.m

ROTATION SPEED: 0-50 rpm

TILTING: YES

SLIDE OUT: YES

WATER SWIVEL WITH SHAFT LOCK

MOUNTING OPTIONS

SKID, TRUCK OR TRACK MOUNT

DIMENSIONS

LXWXH: 7.0mX2.5mx4.3m

WEIGHT: 16,000kg



Directional Drill Rig in the Factory



Directional Drill Rig on Site



Tilting & Slide Out Head



Remote Wireless Pendant Control

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POWER SOURCE

ELECTRICAL MOTOR (DIESEL ENGINE OPTIONAL)

POWER: 90Kw @ 1500 rpm

HYDRAULICS

OPEN CIRCUIT LS PUMP: 186l/min, 280 bar

OIL RESERVOIR: 600 litres

FILTRATION: 10µm abs

PROPORTIONAL CONTROLS: SAUER DANFOSS

FEATURES

HEAVY DUTY BOLT ON OUTRIGGERS

HOSES PROTECTED IN ENERGY CHAIN

HEAD CARRIAGE GUIDED BY ECCENTRIC ROLLERS

FLOATING SUBSAVER

SAFETY INTERLOCKS

MAST DUMP FACILITY FOR ANGLE DRILLING (45°-90°)

UTILITY WINCH: 1T

OPTIONS

"HANDS FREE" ROD HANDLER

"HANDS FREE" BREAK OUT CLAMP

REMOTE WIRELESS PENDANT

OPERATOR SCADA & CAMERA LED SCREENS

AIR CONDITIONED OPERATOR CONTAINER

RAILINGS & STAIRS

FIRE SUPPRESSION

LIGHTING

CAMERA SURVEILLANCE



Air Conditioned Operator Container



"Hands Free" Rod Handler & Roto Magazine



"Hands Free" Break Out Clamp



Local Drilling Panel