

# Bohrmeister®

## BM100 DTH-CR

## CRAWLER RIG

### PERFORMANCE

DRILLING DEPTH CAPACITY: 100 m

MAX DRILL / CASING SIZE: 16"

ROD SIZE: 4 1/2" X 3M

MULTI PURPOSE DRILL RIG: RC / DTH / ROTARY

### DRILL HEAD

TYPE: HEAVY DUTY RC (GEAR DRIVEN)

TORQUE: 6000 N.m

RATIO: 3:1

ROTATION SPEED: 0-120 rpm

PULL UP & DOWN FORCE: 100Kn & 50Kn

### CARRIER

MOROOKA MTS1500

SPEED: 0-12 Km/hour

GRADEABILITY: 30 Degrees

GVM WEIGHT: 15,000 kg

PAY LOAD: 8,000 kg

TRACK WIDTH: 800 mm



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### ENGINE

MAKE: CUMMINS

POWER: 150Kw @ 2100 rpm

FUEL TANK: 400 litres

### HYDRAULICS

OPEN CIRCUIT PUMP: 280l/min, 280 bar

OIL RESERVOIR: 600 litres

FILTRATION: 10µM abs

PROPORTIONAL CONTROLS: SAUER DANFOSS

### COMPRESSOR

INGERSOL RAND,

700CFM, 24 BAR

### MUD PUMP

FMC Bean Pump Type

MAST: 8m with 6.6m stroke

### RIG DIMENSIONS

LXWXH: 6.2mX2.5mX3.8m

MAST: 8m with 6.6m stroke

### FEATURES

AUTOMATED ROD HANDLER (OPTIONAL)

STAINLESS STEEL TANKS, TUBING & HOSE ENDS

ROTATING FOOT CLAMP

AIR CONDITIONED CAB

OPERATOR PLATFORM

SAFETY INTERLOCKS

MAST DUMP FACILITY FOR ANGLE DRILLING (60°-90°)

WINCH FOR 6m ROD PULLING

