

# Bohrmeister®

## BM20CRC

## CRAWLER ROD CARRIER



### CRAWLER ROD CARRIER SPECIFICATIONS

• Engine	C6.6 CAT 170kw
• Hydraulic Pump	147 cc/rev (260 l/min) LS
• Maximum Operating Pressure:	280 Bar (Relief setting: 300 bar)
• Oil Filtration:	Pressure Filter, 9 µm Absolute
• Aux Pump:	19 cc/rev (30 l/min)
• Maximum Operating Pressure:	40 Bar (Relief setting: 100 bar)
• Oil Filtration:	Pressure Filter, 10 µm Absolute
• Hydraulic Tank Capacity:	600 litres
• Hydraulic Oil:	ISO 68
• Overall Size	9500x2600x3350 (LXBXH)
• Levelling Stabilizers	4 off 600mm stroke
• Overall Weight (wet) :	20000 kg with rod handler magazine & rods
• Diesel Tank Size	800 litres
• Control Voltage	24V DC
• Tracks	ITR450
• Speed	High Range 0-4km/h / Low Range 0-2km/h
• Max Inclination	30 °

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## **CRAWLER ROD CARRIER FEATURES**

- Self Loading and offloading on and off low bed truck (optional)
- Levelling Outriggers with integrated load holding valve
- Swivel ball joint outrigger feet
- Proportional track drive control
- Remote control of outriggers from cab
- Local (Back up) Hand control of track drive & outriggers
- Efficient Load Sensing Axial Piston Pump
- Good Filtration with clogging indicators
- Analogue Pressure & Temperature Sensors
- State of the art control panel
- Warning and alarm indication of hydraulics & engine
- Roll cage cabin with seat belt for operator
- Access ladders
- Dynamic Braking & Park Brake
- Head Lights, Brake Lights & Indicators (optional)
- Rear View Mirrors (optional)
- Reverse Siren & Hooter (optional)
- Steel Tracks (Rubber Pads optional)

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## ROD HANDLER & ROTO-MAGAZINE SPECIFICATIONS

- Storage capacity: 36 off 4 1/2" x 6m Drill Pipes (216m)
- Total weight (empty): 1500kg (excl weight of rods)
- Dimensions: 6300mm x 1500mm (LxW)
- Hydraulic Supply: Q=25 l/min, P=210bar
- Angle Drilling Ability: 45-90 °
- Rod Size: 4 1/2" x 6,1m
- Max Rod weight: 180kg



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### ROD HANDLER & ROTO-MAGAZINE FEATURES

- Mounted on deck of rod carrier
- Precision indexing
- Unique Roto-Magazine™ Storage Device
- Handles rods from magazine & casings from trestles in front of rig
- Handles angle drilling 45-90 degrees
- Improves production
- Drastically reduces operator fatigue
- Failsafe load holding valves
- Proportional smooth controls



### FUNCTIONS

- Roto Magazine Indexing Spindle Rotate
- Roto Magazine Lifting Skirt Up/Down
- Roto Magazine Rollers Rod Feed/Discharge
- Rod Handler Clamp On/Off
- Rod Handler Actuator Tilt 0-180
- Rod Handler Telescope 0-1100mm



These functions are also controllable via radio remote wireless pendant !