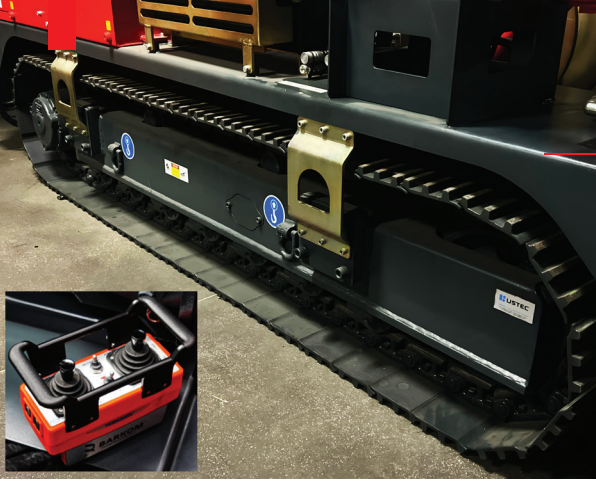


MULTI
SURFACE
DRILLING RIGS

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MULTI SERIES
BD1500M - BD2500M





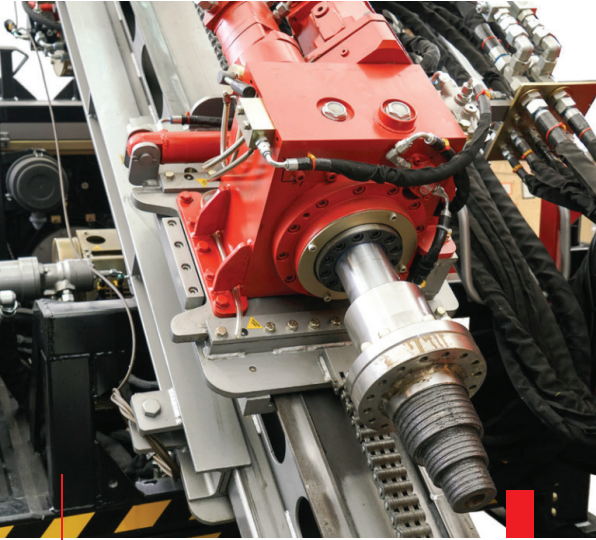
01 Conquer Any Terrain with Confidence

The robust steel track design enables effortless mobility even in the harshest ground conditions. Combined with a remote-control option, you can ensure maximum safety and ease of operation for tramming.



04 Unstoppable Power

Driven by a powerful diesel engine, our rig delivers consistent and reliable performance for even the most demanding operations.



02 Seamless Adaptability with Top-Head Rotary Unit

The innovative top-head rotary unit design simplifies working with the B-N-H-P drill rod set, making operations faster and more versatile.



03 PLC Monitoring for Enhanced Efficiency

Equipped with a reliable control and warning system, our cutting-edge control panel features indicators to monitor all drilling equipment and functions. The 10-inch touchscreen PLC display on the control panel provides real-time updates on engine performance and alerts for potential issues.



MULTI-PURPOSE **SURFACE** RIGS BD1500M - BD2500M



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2 IN 1

Both diamond core and reverse circulation drilling with a single rig



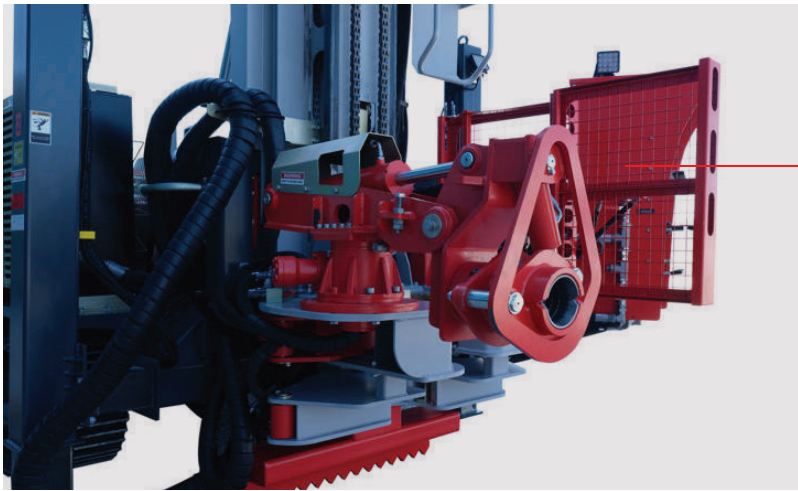
**05
Optimized Cooling for Peak Performance**

A high-capacity cooling system ensures smooth operation, even during intensive drilling sessions.



**06
Effortless Self-Loading Capability**

Lifts itself up to 1.4 meters, allowing for fast and easy loading without the need for a platform. Hydraulic jack stabilizers ensure easy setup and stability on sloping and challenging terrains.



**07
Semi-Automatic Rod Handling System**

A hydraulic arm enables semi-automatic rod handling, reducing operation time while increasing safety and efficiency.



**08
User-Friendly Control Panel**

Enjoy simplicity and convenience with our easy-to-use control interface, designed to keep you focused on the task at hand.



**09
Advanced Safety Features**

Our rigs are equipped with a safety cage and emergency stop buttons, ensuring safer drilling operations for your crew. The automatic locking system of the main winch offers a safe and reliable lifting solution.



**10
High-End Dust Cyclone**

A high-quality dust collection unit tailored specifically for RC drilling applications.

| | | BD1500M | BD2500M | |
|---------------------------------|---------------------------|----------------------|-----------------------------------|-------------|
| Drilling capacity | PWL | 400 | 1000 | m |
| | HWL | 650 | 1500 | m |
| | NWL | 1500 | 2500 | m |
| | BWL | 1800 | 3500 | m |
| | RC ROD (4,5") | 200 | 350 | m |
| Dimensions | L x W x H | 11,5 x 2,35 x 2,67 | 11,5 x 2,35 x 2,9 | m x m x m |
| | H (mast open) | 11,5 | 11,5 | m |
| | Weight | 14 | 16,5 | ton |
| Diesel engine | Brand / Model | CUMMINS QSB 6.7 | CUMMINS QSL 8.9 or VOLVO TAD853VE | - |
| | Power | 165 (221) | 225 (305) or 238 (320) | kW (hp) |
| | Electrical system | 24 | 24 | V |
| | Speed | 2000 | 2000 | rpm |
| | No. of cylinders | 6 | 6 | pcs |
| | Cooling | Water | Water | - |
| | Fuel tank capacity | 200 | 350 | ℓ |
| | Connection | Tandem | Tandem | - |
| Hydraulic system | Flow rate of Pump 1 | 224 | 320 | ℓ/min |
| | Flow rate of Pump 2 | 72 | 72 | ℓ/min |
| | Flow rate of Pump 3 | 44 | 44 | ℓ/min |
| | Flow rate of Pump 4 | 25 | 25 | ℓ/min |
| | Flow rate of Pump 5 | 16 | 16 | ℓ/min |
| | Oil tank capacity | 300 | 300 | ℓ |
| | Air cooler brand | PARKER or AKG | PARKER or AKG | - |
| Rotary head | Type | Multistage head | Multistage head | - |
| | Gearbox reduction | 4,13 | 4 | - |
| | Max. rotation speed | 1100 | 1100 | rpm |
| | Max. torque | 5420 | 8000 | Nm |
| | Cradle slide distance | 350 | 475 | mm |
| Feed system | Head movement | 7 | 7 | m |
| | Pull-up capacity | 160 | 285 | kN |
| | Pull-down capacity | 70 | 175 | kN |
| | Max. rod diameter | 114,3 | 114,3 | mm |
| Rod handling | Semi-automatic handler | Optional | Optional | - |
| | Max. rod diameter | 143,8 | 143,8 | mm |
| Rod holder | Type | Hydraulic foot clamp | Hydraulic foot clamp | - |
| | Max. rod diameter | 154 | 154 | mm |
| | Rod holding force | 165 | 300 | kN |
| Main hoist | Rope diameter | 16 | 18 | mm |
| | Rope length | 24 | 24 | m |
| | Max. pull capacity | 180 | 180 | kN |
| Wireline crane | Rope diameter | 4,8 | 4,8 | mm |
| | Max. rope length capacity | 4000 | 4000 | m |
| Jib crane | Winding system | Automatic | Automatic | - |
| | Extension | 1790 | 1790 | mm |
| | Loading capacity | 500 | 500 | kg |
| Flush pump | Turn | 80 | 80 | ° |
| | Flow rate | 140 | 140 | ℓ/min |
| Control panel indicators | Operating pressure | 70 | 70 | bar |
| | Engine | Temperature | Temperature | Temperature |
| Turbo pressure | | Turbo pressure | Turbo pressure | ✓ |
| Speed ratio | | Speed ratio | Speed ratio | ✓ |
| Oil pressure | | Oil pressure | Oil pressure | ✓ |
| Oil temperature | | Oil temperature | Oil temperature | ✓ |
| Voltage | | Voltage | Voltage | ✓ |
| Malfunction warnings | | Malfunction warnings | Malfunction warnings | ✓ |
| Crawler | Brand | USTEC | USTEC or STRICKLAND | - |
| | Travel speed | 2,96 | 2,96 | km/h |
| | Track height | 660 | 660 | mm |
| | Track width | 380 | 380 | mm |
| | Remote-control | Optional | Optional | - |
| Outrigger jacks | Self-loading capacity | Optional | Optional | - |
| | Ground clearance | 1,4 | 1,4 | m |
| | Operation | Hydraulic | Hydraulic | - |

The technical data presented in this brochure is provided as a general and theoretical reference only. The drilling capacities of the rigs are calculated based on drilling in a fully vertical (90°) position, considering the available pull/feed force, the weight of the drill string in the borehole, and the average weight on the bit. Due to variable factors such as the geological structure of the drilled rock formation and operator use, BARKOM does not guarantee that these capacities can be achieved under all working conditions. The dimensions and measurements indicated in the tables and drawings may be subject to minor changes.

MULTI SERIES



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HEAD OFFICE

BARKOM İŞ MERKEZİ

Aşağı Yahyalar Mahallesi
Anadolu Bulvarı No: 204
Yenimahalle 06210
ANKARA / TÜRKİYE

TEL: +90 312 385 60 50

FAX: +90 312 385 35 75

info@barkomas.com

 **BARKOM**



BARKOM reserves the right to modify the technical specifications of the rigs presented in this brochure at any time. The technical data sheet provided at the quotation stage contains the final specifications, and rig production is carried out based on the customer's approval of the data in the relevant document.

The features displayed in this brochure include standard and optional specifications available for our rigs. BARKOM welcomes customer-specific design and technical modifications and is open to providing customized production solutions based on the special needs and requirements of customers.