

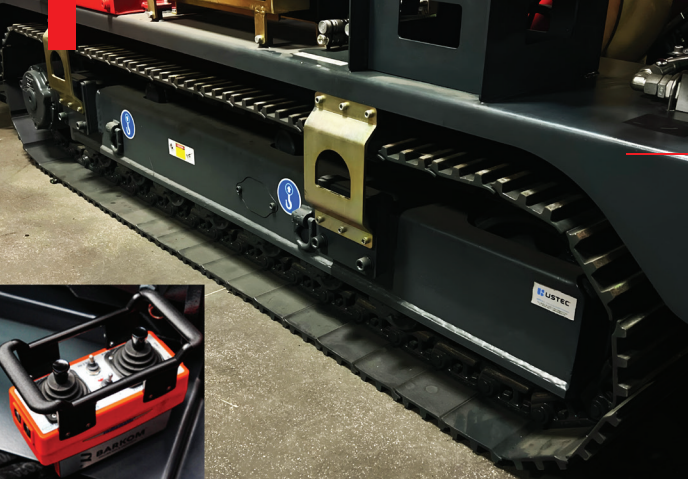


SPINDLE
SURFACE
DRILLING RIGS

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SPINDLE SERIES
BD1500S - BD2500S





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 tramping.

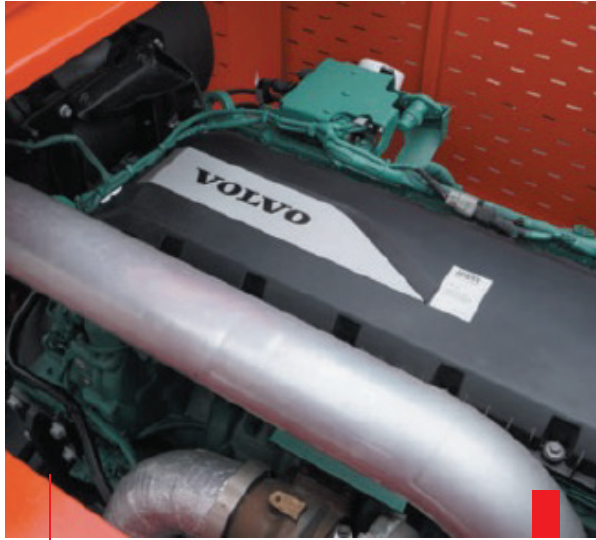
04 Optimized Cooling for Peak Performance

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



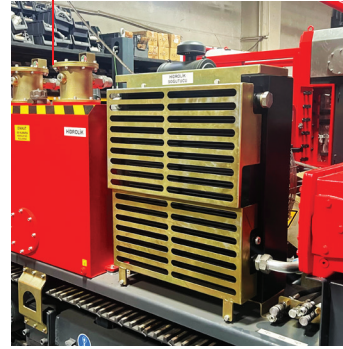
02 PLC Monitoring for Enhanced Efficiency

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.



03 Unstoppable Power

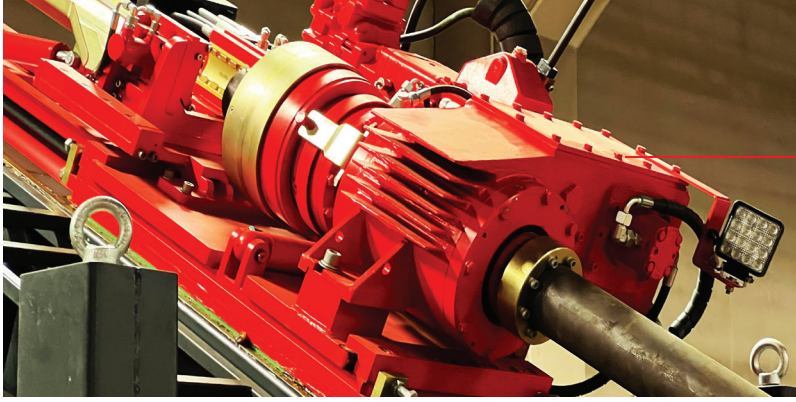
Driven by a powerful diesel engine, our rig delivers consistent and reliable performance for even the most demanding operation



SPINDLE **SURFACE RIGS** BD1500S - BD2500S



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05
Powerful Gearbox with Sliding System

A high-performance sliding mechanism and robust gearbox ensure superior performance in challenging operations.



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
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.



08
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.



09
Robust Transmission System with 4 Gears

Maximum power and flexibility for every drilling need.



10
Gas-Operated Strong Rod Holder

The high-end rod holder operated by gas pressure provides exceptional gripping strength for the most demanding jobs.



11
Seamless Transportation with Extendable Mast

The ergonomic mast design features a telescopically extendable tower for maximum efficiency and easy transport, as it is capable of folding effortlessly for convenient loading and mobility.

		BD1500S	BD2500S	
Drilling capacity	PWL	400	1000	m
	HWL	750	1500	m
	NWL	1500	2500	m
	BWL	1800	3500	m
Dimensions	L x W x H	7,6 x 2,35 x 2,7	7,6 x 2,45 x 2,8	m x m x m
	H (mast open)	9,6	9,6	m
	Weight	14,5	16	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	300	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	Spindle	Spindle	-
	Gearbox reduction	2,56	2,56	-
	1st speed	165	170	rpm
	2nd speed	347	358	rpm
	3rd speed	639	660	rpm
	4th speed	1100	1136	rpm
	Max. rotation speed	1100	1136	rpm
	Max. torque	5400	7485	Nm
	Cradle slide distance	300	300	mm
Chuck assembly	Type	Spring closed, opens with hydraulic	Spring closed, opens with hydraulic	-
	Max. inside diameter	117	117	mm
	Holding capacity	180	220	kN
Feed system	Head movement	3,5	3,5	m
	Pull-up capacity	265	265	kN
	Pull-down capacity	90	90	kN
	Max. rod diameter	114,3	114,3	mm
Rod holder	Type	Spring closed (gas), opens with hydraulic, or, hydraulic open and close	Spring closed (gas), opens with hydraulic, or, hydraulic open and close	-
	Max. rod diameter	140	140	mm
	Rod holding force	144 or 300	200 or 300	kN
Main hoist	Rope diameter	18	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	2000	3000	m
	Winding system	Automatic	Automatic	-
Flush pump	Flow rate	140	140	ℓ/min
	Operating pressure	70	70	bar
Control panel indicators	Engine	Temperature	Temperature	✓
		Turbo pressure	Turbo pressure	✓
		Speed ratio	Speed ratio	✓
	Hydraulic system	Oil pressure	Oil pressure	✓
		Oil temperature	Oil temperature	✓
		Voltage	Voltage	✓
Crawler	Battery	Malfunction warnings	Malfunction warnings	✓
	Brand	USTEC	USTEC or STRICKLAND	-
	Travel speed	2,96	2,96	km/h
	Track height	660	660	mm
	Track width	380	380	mm
Outrigger jacks	Remote-control	Optional	Optional	-
	Self-loading capacity	Optional	Optional	-
	Ground clearance	1,4	1,4	m
	Operation	Hydraulic	Hydraulic	-

SPINDLE SERIES



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HEAD OFFICE

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 **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.