

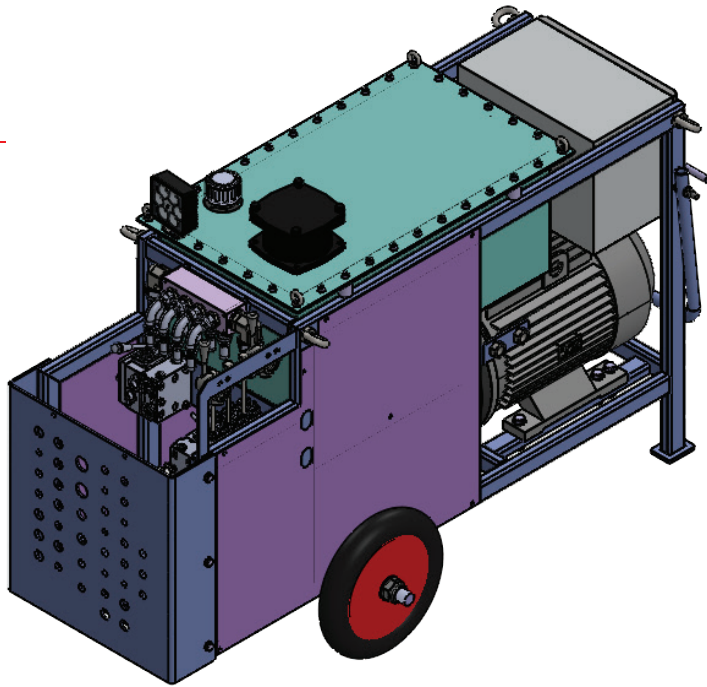
BDU200

UNDERGROUND DRILLING RIG

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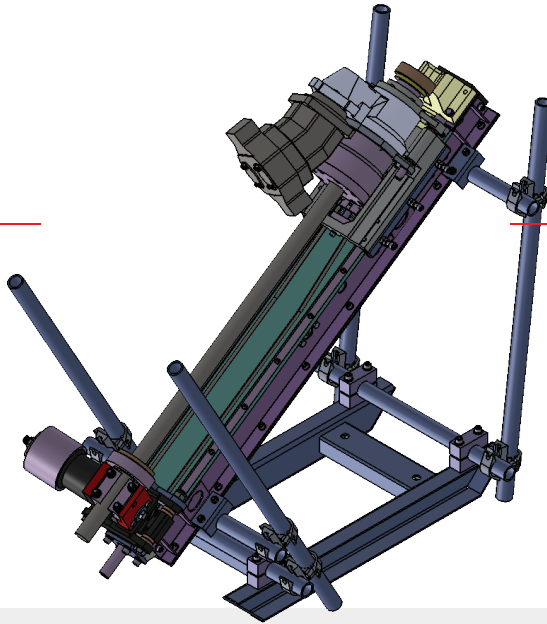
Compact & Versatile Wheeled Power Unit

The BDU200 comes with an independent wheeled power unit, making it ideal for confined workspaces. Its compact and portable structure is specifically designed for use in narrow underground galleries, where maneuverability is crucial.



Adjustable Wire-Rope Mast with Pier System

Equipped with a portable wire-rope mast and a skid-mounted pier system, the drilling angle can be easily adjusted for optimal positioning in underground environments.



Heavy-Duty, Hydraulic Cylinder-Driven & Wire-Rope-Assisted Rotary Head

Designed for reliability and performance, the BDU200 features a robust rotary head powered by a hydraulic cylinder and wire rope system, ensuring efficient drilling operations even in demanding underground conditions.

COMPACT

Drill in the most confined spaces

LIGHT

Easy to transport

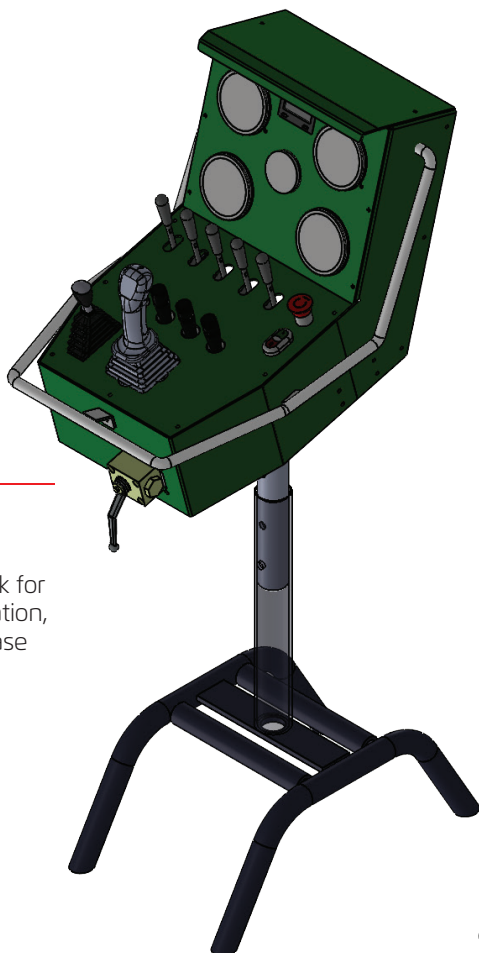


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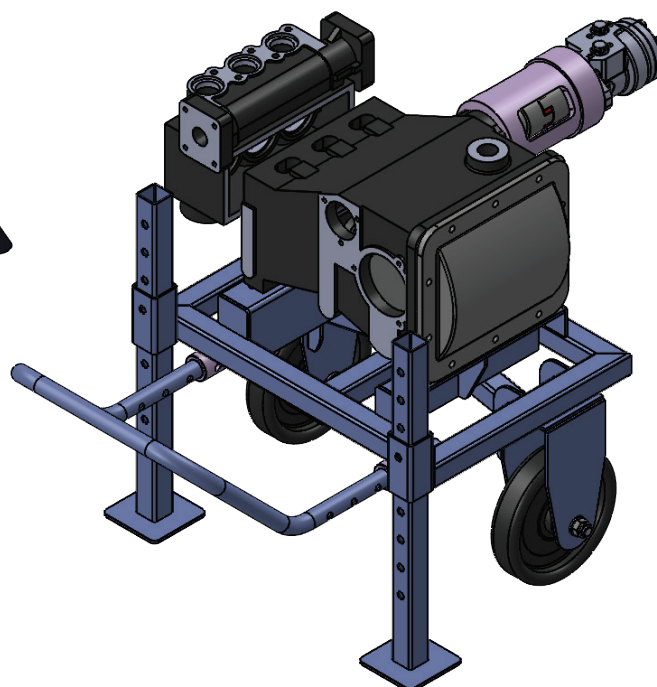
Ergonomic & User-Friendly Control System

The rig is designed with an independent control unit, featuring an intuitive joystick for precise and effortless operation, enhancing efficiency and ease of use.



Independent triplex flush pump with steel valve

Ensures efficient flushing with a flow rate of 70 l/min and an operating pressure of 50 bar for consistent drilling performance.



Robust & Durable Build for Continuous Operation

- :: **Powerful Electric Motor**
Delivers reliable operation even in tough underground conditions.
- :: **Water Cooling System**
Maintain optimal temperature and performance.
- :: **Stainless Steel Hydraulic Tank**
Ensures long-term durability and resistance to corrosion.
- :: **Maintenance-Friendly Design**
Specially ventilated and enclosed for easy access and servicing, minimizing downtime.

With its compact footprint, powerful performance, and user-friendly operation, the BDU150 is the preferred choice for underground drilling professionals seeking efficiency, durability, and ease of maintenance.

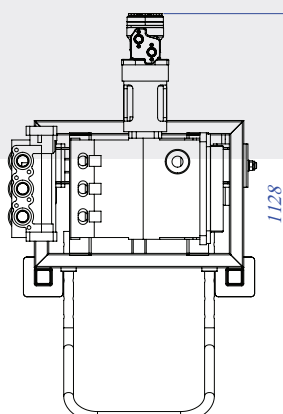
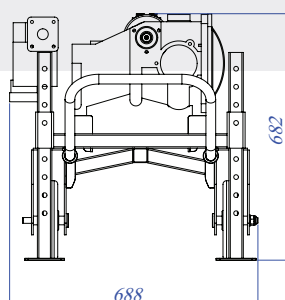
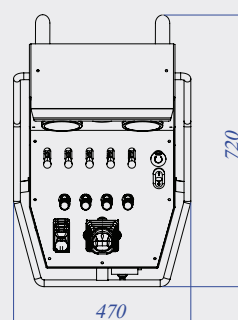
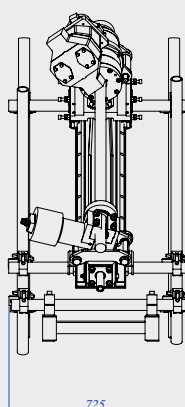
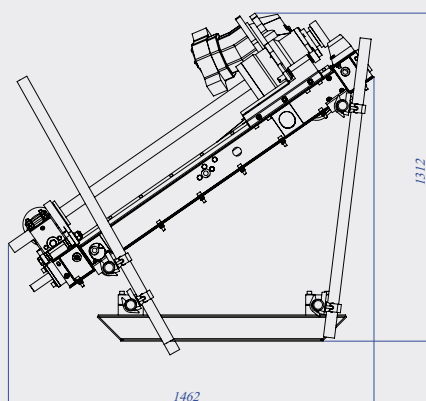
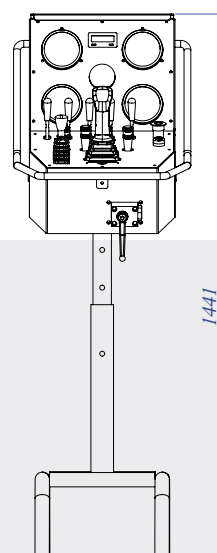
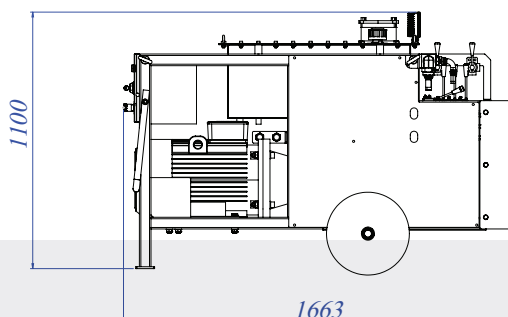
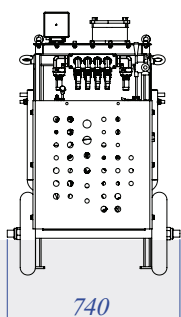
BDU200

UNDERGROUND RIG

		BDU200	
Drilling capacity	AW	200	m
	Brand	ABB or SIEMENS or GAMAK	-
Electric motor	Power	22 (30)	kW (hp)
	Voltage	380	V
	Speed	1480	rpm
	Type	Open feed (spindle)	-
Rotary head	Max. rotation speed	2200	rpm
	Max. torque	325	Nm
	Inner diameter	50	mm
	Max. rod diameter	48	mm
	Chuck axial holding force	30	kN
	Hydromotor brand	REXROTH	-
	Hydromotor capacity	28	cc
	Feed cylinder	Hydraulic	-
Feed system	Mast rotation	360	°
	Feed stroke	850	mm
	Pull-up capacity	27	kN
	Pull-down capacity	20	kN
	Max. rod diameter	52	mm
Rod holder	Axial holding force with TC insert jaws	25	kN
	Connection	Tandem	-
Hydraulic system	Brand	KAWASAKI	-
	Pump 1	28	cc
	Pump 2	16	cc
	Pump 3	8	cc
	Operating pressure	280	bar
	Oil tank capacity	100	ℓ
	Water cooling brand	HYDAC	-
	Type	Triplex	-
Flush pump	Valve	Steel	-
	Flow rate	70	ℓ/min
	Operating pressure	50	bar
	Height with mast open	1,6	m
Dimensions	L x W x H	As per drawing	-
	Weight	1	ton

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.

BDU200



BDU200



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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.