

BULLDRILL

BDU 600

UNDERGROUND DRILL RIG

barkomas.com



BDU600 can drill high ceiling with 4,5 meters mast length. This capability was developed by designing an additional mast to the drill rig main mast. Ceiling drilling can be made easily with extending dimensions. With this system, deviations are prevented by stabilizers.



UNDERGROUND DRILL RIG

Ergonomic
control unit



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When the cage is opened with the special equipments placed in the cage hydraulic system, the rotation speed of the rotation unit decreases to 30 rpm and possible accidents are minimized.



Electricalbox



ABB / SIEMENS electrical motor



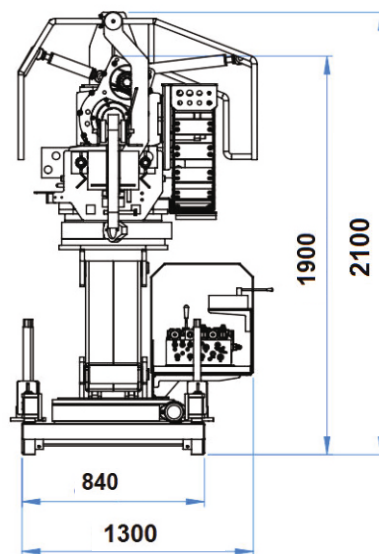
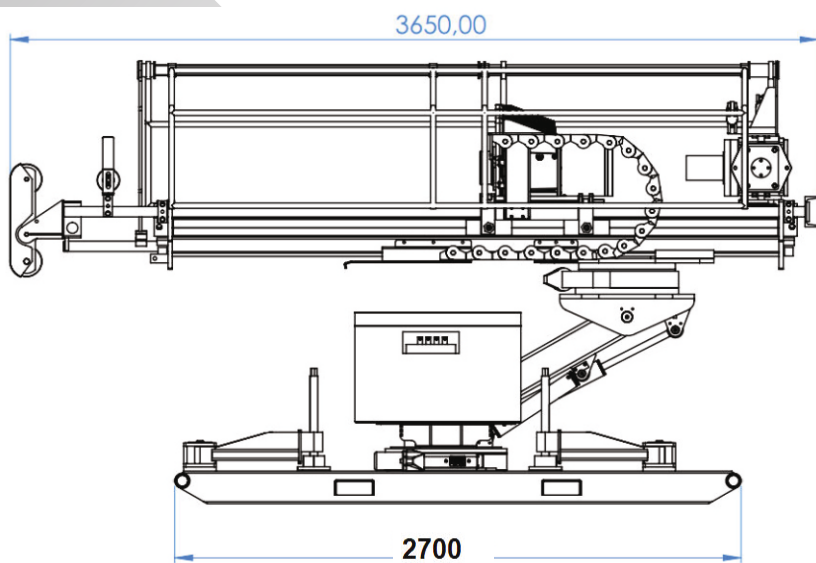
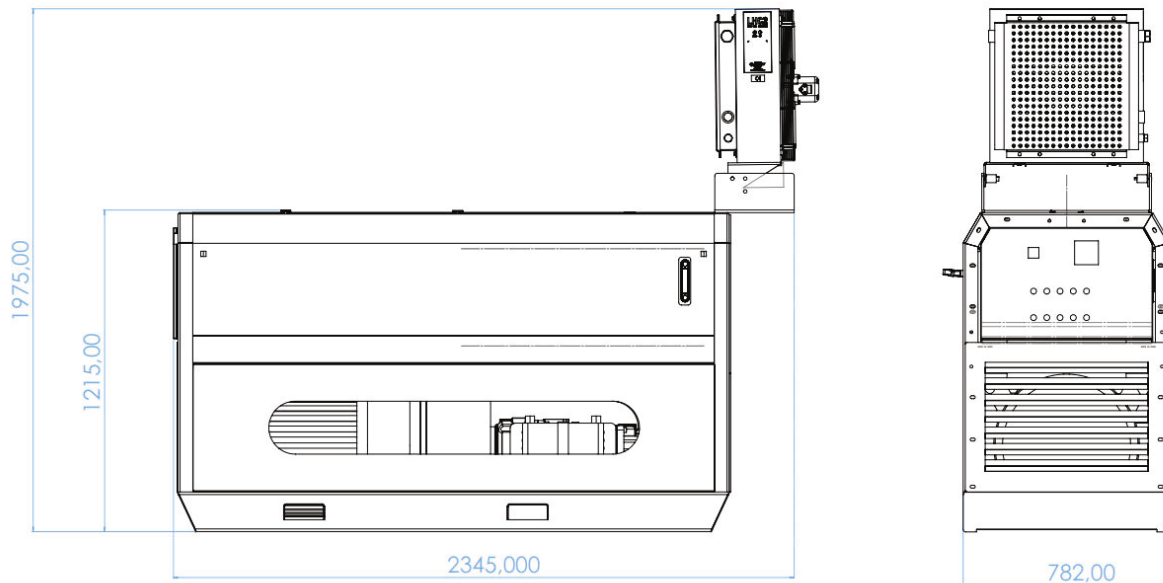
Powerful rotation unit 600 mt drilling capacity with NWL drill rod.



In addition to the 90kw ABB / SIEMENS powerful electric motor in the BDU600, special electric box screened electrical panel aims to facilitate access to reliable data in underground drilling. Near of the main electric box, diesel engine control box integrated into system is followed travel functions such as hydraulic oil temperature, hydraulic oil adequacy system pressure levels, reading failure reports can be monitored and read.

BDU600

TRANSPORT DIMENSIONS



TECHNICAL SPECIFICATIONS

BDU600 UNDERGROUND DRILL RIG

Gearbox with High Torque Output

Portable Control Panel

DIMENSIONS and WEIGHT	Length of Drill / Power units	mm	3650/2700
	Width of Drill /Power units	mm	1300/1000
	Height of Drill / Power units	mm	2100/2000
	Mast Height	mm	3650
	Weight	ton	5,5
ELECTRICAL MOTOR	Model		ABB / SIEMENS
	Power	Kw/hp	90 / 120
	Speed	rpm	1500
	Cooling System		Air Cooling
ROTARY HEAD	Type		Feeding Gear Box
	Reduction		helical gear
	Rotation Speed	rpm	400-1400
	Maximum Torque	Nm	1500 / 110 cc Hydraulic Motor
	Travel Distance	mm	1800
	Maximum Rod Diameter	mm	90

FEED SYSTEM	▼ Heavy Duty, Hydraulic Cylinder-Driven, Telescopic Piston Rotary Head		
	Cylinder		Telescopic / Telescopic
	Mast Rotation		0-90 / 360/ degree
	Mast Length	mm	1800 / 1600
	Pull-Up Capacity	ton	10,5
DOWN ROD HOLDER WITH GAS	Pull-Down Capacity	ton	10,5
	Maximum Rod Diameter	mm	114
	Rod Holding Force	kN	107
	Hydraulic Opening Gas Pressure	bar	110
WIRELINE CRANE	Closing System		
	Number of jaw	pcs	2
	Pull Capacity Empty Drum	kN	12
	Pull Capacity Full Drum	kN	4
	Diameter of Wire Rope	mm	4.8
	Hydromotor		DANFOSS
	Length of Wire Rope	m	800

HYDRAULIC JAW	▼ Hydraulic jacks are placed outer corner of the machine so that stable levelling and critical balance is ensured		
	Height from Ground Level	mm	300
HYDRAULIC SYSTEM	System		4 Pump Open loop
	Connection Type		4 Tandem Pump
	Max. Operating Pressure	bar	280
	1st Main Pump	bar/cc	Kawasaki 280 bar / 112 cc
	2nd Main Pump	bar/cc	Kawasaki 250 bar / 45 cc
	3rd Service Pump	bar/cc	Kawasaki 200 bar / 28 cc
	4th Service Pump	bar/cc	Kawasaki 200 bar / 11 cc
	Hydraulic Oil Tank Capacity		250 stainless steel
	Filtration	micron	10
	Water Cooling System		HYDAC
CONTROL UNIT and ELECTRICAL EQUIPMENT	Air Cooling System		PARKER /AKG
	Control Panel		DANFOSS / SUN VALVE
	Electrical Equipments		electric box and cables SIEMENS/EATON/SHNEIDER
MUD PUMP	Model	l/dk.min	Hydraulic Triplex
	Valve	bar	Steel Valve
	Flow Rate (readable)	m	140
	Operating Pressure	m	70
DRILLING CAPACITY	PWL	m	150
	HWL	m	400
	NWL	m	600
	BWL	m	800

Barkom A.S reserves the right to make changes to its products without notice.
Drilling capacity -90(vertical) is given. It may vary depending on formation and angular conditions.

BDU600

● MERKEZ

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