



**BULLDRILL**

# BD1200T

**SURFACE DRILL RIG**

[barkomas.com](http://barkomas.com)





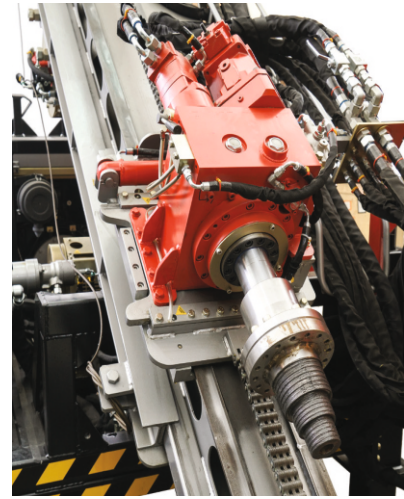
Self loading system;  
Drill rig can lift themselves up to  
1.4 m. that enables easy and  
loading



Gearbox Sliding  
System...

Powerful Gearbox

High Torque with  
Heavy Duty  
Hydraulic Motor...



# SURFACE DRILL RIG

Crawler system;  
2,5 km/h traveling speed  
with standard crawler



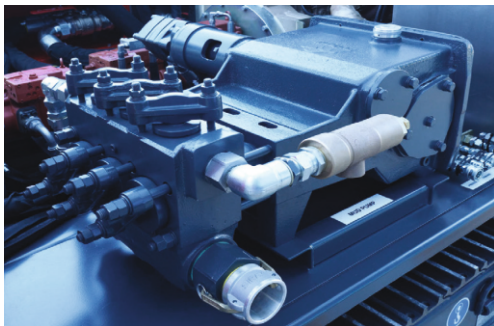
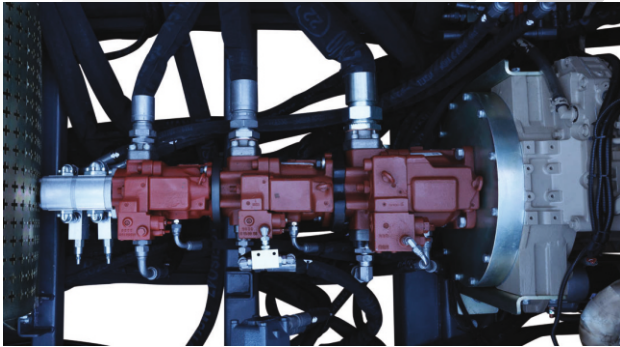
Hydraulic rod;  
Handler system rods and  
casings can be easily handled  
with hydraulic robot arm

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Reliable control and warning system and indicators for monitoring all drilling equipments and their functions are located on the control panel. In addition, a multifunctional display panel (murphy) is used to display motor functions and motor failures.

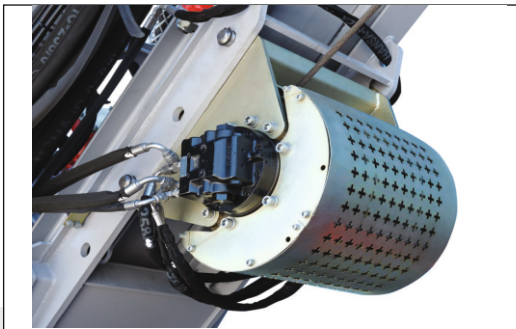
Economical and powerful motor  
Cummins 6 Cylinder motor



BULLDRILL powerful mud pump ;  
140 lt flushing capacity per min at max 70 bar

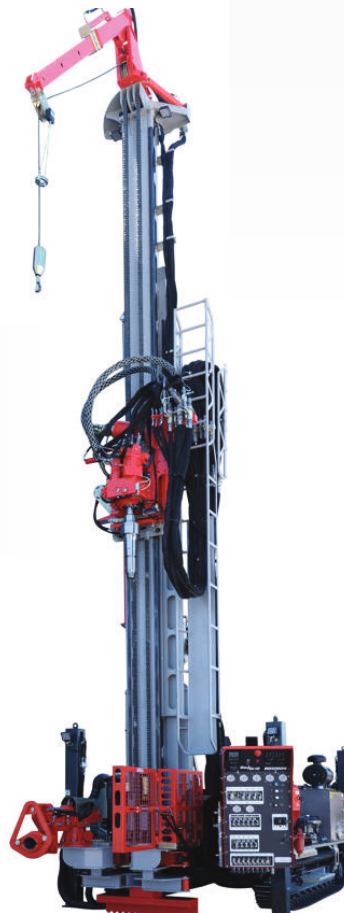


Control panel;  
easy & user  
friendly interface



Main Winch Drum 10 ton capacity  
with automatic lock

Safety System;  
Safer drilling with safety cage  
and emergency stop buttons...



Top winch practical  
and useful top winch

BD1200T is equipped with a  
DOUBLE SPEED gearbox drive  
turning unit with a drilling  
depth capacity of 1200 m. in  
holes NWL diameter, providing  
the torque and speed required  
for core drilling.

### BD1200T SURFACE DRILL RIG

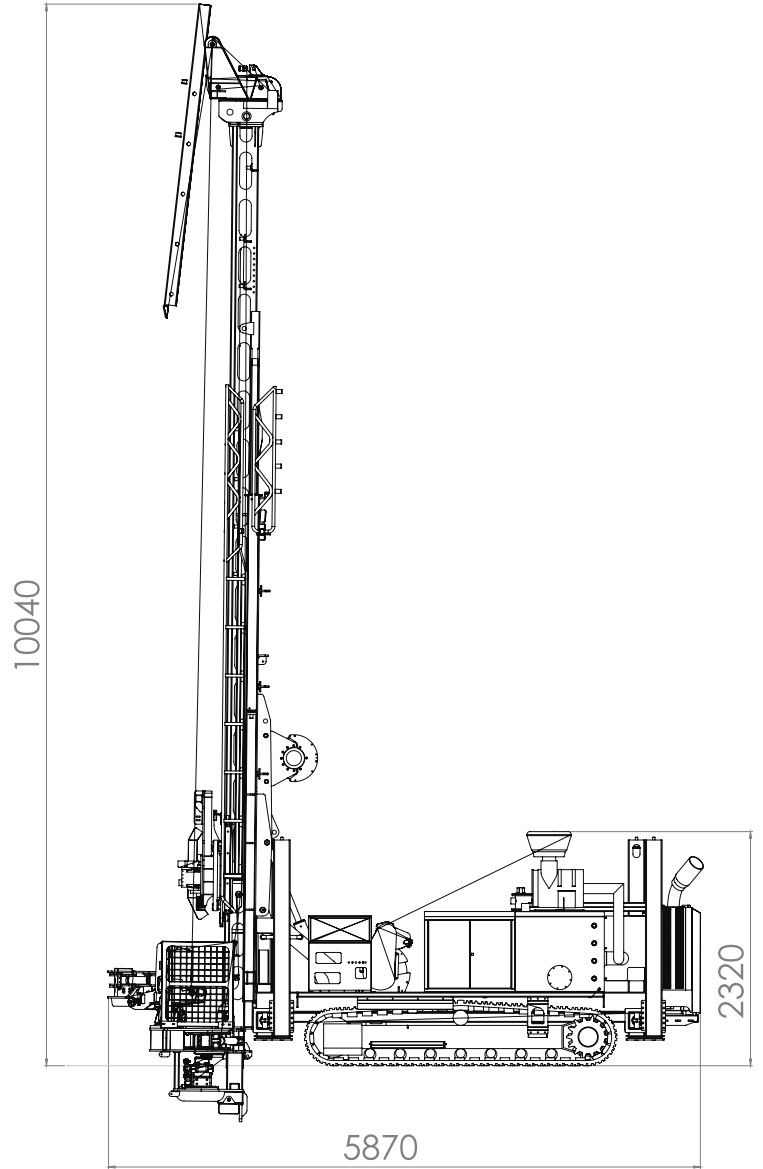
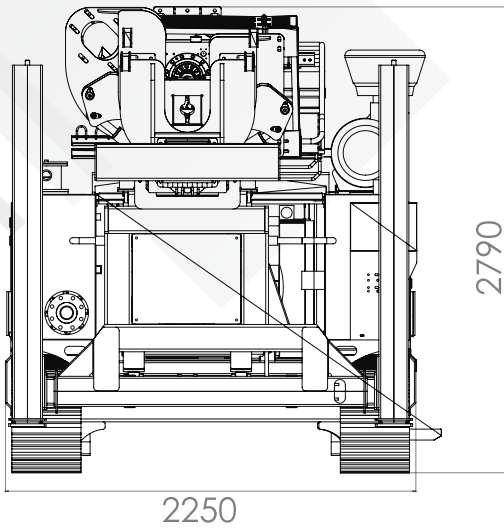
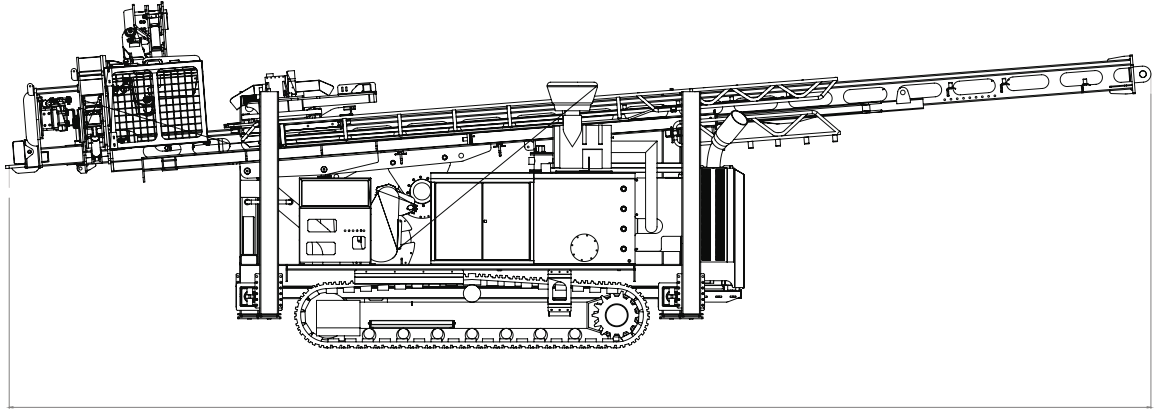
Çıkışlı Şanzımanlı Döner Kafa / Rotary Head with High Torque Output  
Powerful Rod Holder / Remote Control Travel

DIMENSIONS and WEIGHT	Length	mm	9800
	Width	mm	2250
	Height	mm	2790
	Mast Height	mm	10040
	Weight	ton	14
DIESEL MOTOR	Model		Cummins QSB 6.7
	Power	Kw/hp	165 kw / 220 hp
	Speed	rpm	1800
	Number of Cylinder		6
	Cooling System		Su Soğutmalı / Water Cooling
CONTROL PANEL (MURPHY)	Fuel Capacity	l	300
	Control Panel (Murphy Functions)		High Temperature Level Turbo Pressure Hydraulic Oil Pressure-Temp. Level Battery Voltage Value Diesel Engine Speed Ratio
ROTARY HEAD HEAVY DUTY& FAST SPEED HYDRAULIC MOTORS	Type		TopHead Syste m
	Reduction		4,35/ helical gear
	1st rpm / torque	Nm	120-0 / 0-6700
	2nd rpm / torque	Nm	800-450 / 800-5000
ROTARY HEAD SLIDING	3rd rpm / torque	Nm	1100-600 / 700-1000
	Distance	mm	400
FEED SYSTEM	▼ Heavy Duty, Hydraulic Cylinder-Driven, Rotary Head		
WORKING TABLE	Travers Cylinder	mmxmmxmm	120x90x3500
	Head Movement	m	7
	Dump Mast/Up	m	0,5
	Dump Mast/ Down	m	1,5
	Pull-Up Capacity	ton	16
	Pull-Down Capacity	ton	8
	Feed Speed-Up Capacity (Variable)	m/dk.min	0-10
	Fast - Down	m/dk.min	25
	Feed Speed - Down	m/dk.min	30
	Maximum Rod Diameter	mm	203
HYDRAULIC JAW	Maximum Diameter of Single Jaw	mm	203
	Model		SAMPIARENA
CRAWLER	Travel Speed	km/saat.h	3
	Height from Ground Level	mm	650
	Width	mm	380
CRANE	Rope Diameter	mm	16
	Rope Length	m	23
	Capacity	ton	max. 10
JIB	Extension	mm	350
	Turn	degree	80
WIRELINE CRANE	Diameter of Wire Rope	mm	6
	Length of Wire Rope	m	1200
HYDRAULIC JAW	Hydraulic jacks are placed outer corner of the machine so that stable levelling and critical balance is ensured.		
HYDRAULIC SYSTEM	Height from Ground Level	mm	350
	System		3 Pump Open loop 3 Tandem Pump
	Connection Type		Kawasaki 252 l/min @1800 rpm Kawasaki 144 l/min @1800 rpm
	1st Main Pump	bar/cc	Kawasaki 81 l/min @1800 rpm
	2nd Main Pump	bar/cc	250
	3rd Sevice Pump	bar/cc	10
	Hydraulic Oil Tank Capacity	lt	Air Cooling
	Filtration	micron	Manual Control
TRAVEL	Cooling System		
	System		
MUD PUMP	Flow Rate	l /dk.min	140
	Operating Pressure	bar	70
DRILLING CAPACITY	PWL	m	350
	HWL	m	750
	NWL	m	1200
	BWL	m	1500

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.

# BD 1200T

## TRANSPORT DIMENSIONS



● MERKEZ

**BARKOM İŐ MERKEZİ**

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