

BBURG

HD 1400 D
HD 1540 D
HD 1580 D
HD 1640 D



Down the hole drill rigs



Application

Quarries

Drill hole range

89 - 127 mm

Drill tube

76 - 89 mm

Compressor vol.

20 m³/min

Max. air pressure

18 bar

Arm versions

single

HD 1540 D

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Application

Large Quarries/ mines

Drill hole range

89 - 172 mm

Drill tube

76 - 140 mm

Compressor vol.

25 m³/min

Max. air pressure

25 bar

Arm versions

single

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HD 1580 D



Application

Large Quarries/ mines

Drill hole range

89 - 172 mm

Drill tube

76 - 140 mm

Compressor vol.

28 m³/min

Max. air pressure

35 bar

Arm versions

single

HD 1640 D

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Application

Large Quarries/ mines

Drill hole range

89 - 219 mm

Drill tube

76 - 140 mm

Compressor vol.

33 m³/min

Max. air pressure

30 / 35 bar

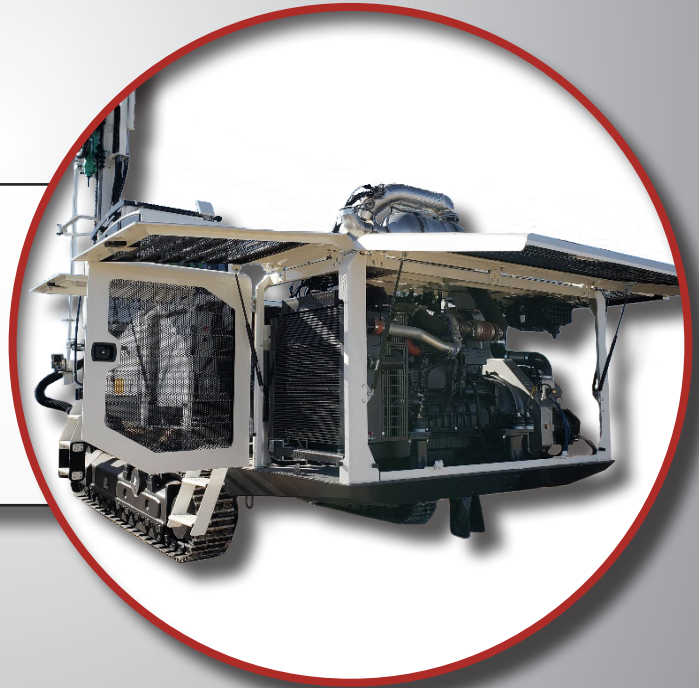
Arm versions

single

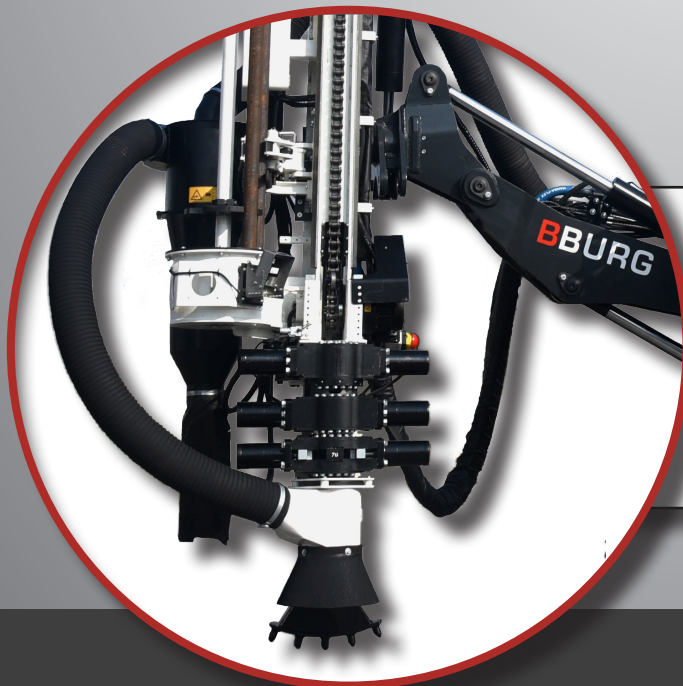


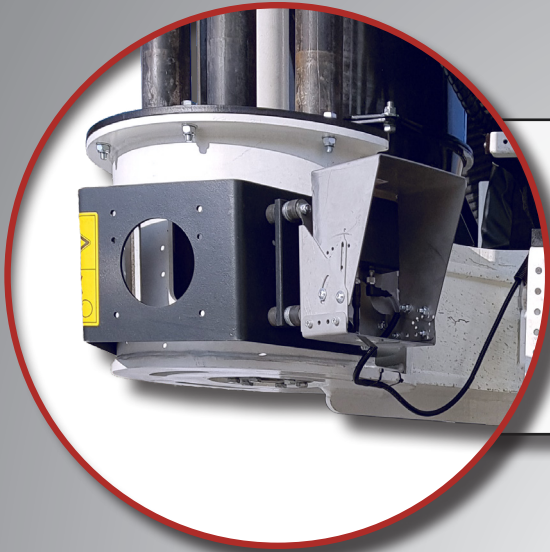
ROPS/FOPS pressurized operator cabin, rests on viscose safety dampers. Supplied with heating and air conditioner. The adjustable seat is suspended.

Easy accessibility to all pneumatic and hydraulic components



Heavy duty clamping package with guide clamp for precise collaring



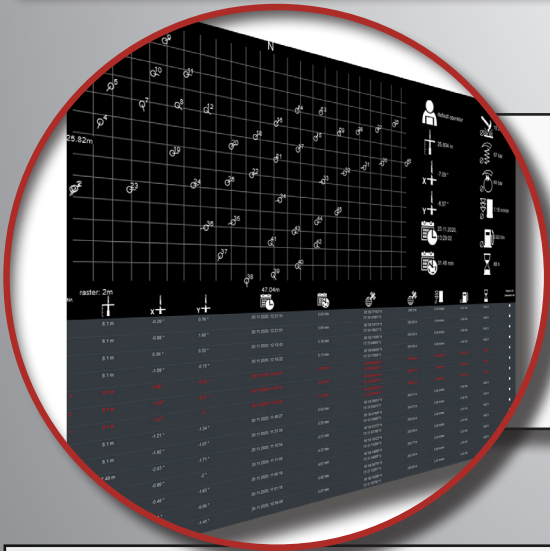


An electronic motion sensor automatically stops feed and rotation as soon as a person approaches the vertical drill string

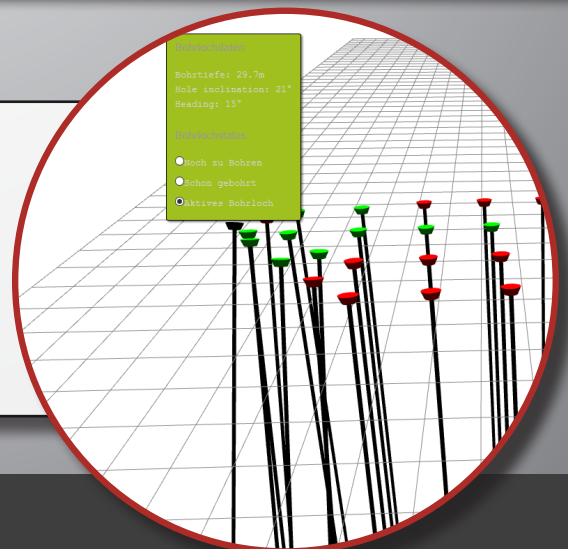
Telemetric data transfer:
All operational characteristics of the drill rig
can be received by the customer



The optional drill hole data storage registers
all relevant drilling data and offers multiple
possibilities of data analysis



Digital data of the drilling area can be
uploaded to the system of the drill rig.
The operator will see the precise drill hole
position and angle on the display



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Machine typ		HD 1400 D	HD 1540 D	HD 1580 D	HD 1640 D
Hole diameter	mm / zoll	89 - 127 / 3 ½ - 5	89 - 172 / 3 ½ - 6 ¾	89 - 172 / 3 ½ - 6 ¾	89 - 219 / 3 ½ - 8 ½
Drill tube diameter	mm	76, 89	76, 89, 102, 114, 127, 140	76, 89, 102, 114, 127, 140	76, 89, 102, 114, 127, 140
Rotation torque	Nm	4000	4700 / 5700 / 6700	4700 / 5700 / 6700	5700 / 6700 / 8000
Rotation speed	rpm	40 - 120	40 - 100	40 - 110	40 - 100
Drill tube length	mm	4000	5000	5000	6000
Number of tubes		7 + 1	7 + 1 / 6 + 1 / 5 + 1	7 + 1 / 6 + 1 / 5 + 1	7 + 1 / 6 + 1 / 5 + 1
Drill depth	m	32	40 / 35 / 30	(option 45) 40 / 35 / 30	48 / 42 / 36
Digital drill depth indicator		Standard			
2-axis drill angle indicator		Option			
3-axis drill angle indicator		Option			
Feed length	mm	7745	9540	9540	10540
Feed tilt left/ right		18° - 90° oder 90° - 18° changeable			
Engine manufacturer		DEUTZ	Volvo	Volvo	Volvo
Engine type	l	9	13	13	16
Engine power in kW	kW	259	345	394 / 405	515 / 585
Engine rpm	rpm	1850	1900	1900	1950
Emission rating	TIER	4 / 5	4 / 5	4 / 5	2 / 4 / 5
Compressor type, air end		single stage	double stage	double stage	double stage
Air delivery	m³/min	20	25	28	33
Max. air pressure	bar	18	25	35	35
Dust absorber		Standard			
Main cleaner no of filters		14	9	9	16
Number of speeds		2			
Travel speed	km/h	0 - 3,5	0 - 3,5	0 - 3,5	0 - 3,5
Shoe type		Triple grouser			
Shoe width	mm	300	350	350	400
Ground clearance	mm	430	440	440	440
Max. gradeability	%	25			
Max. track oscillation	°	10			
Hydraulic tank volume	l	320	300	300	300
Diesel reservoir	l	520	730	730	910
Weight (ca.)	kg	19.900	24.000	24.000	32.000
Dimensions (L x W x H)	mm	10.000 x 2.520 x 3.250	10.980 x 2.520 x 3.450	10.980 x 2.520 x 3.450	10.980 x 3.000 x 3.700

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Technical specifications and data may change without prior notice.