



OVER 70 YEARS OF EXPERIENCE IN MINERAL EXPLORATION, DRILLING,
WATER WELLS

EQUIPMENTS 2024

Over 70 years of experience in exploration & drilling



Atlas Copco Christensen CS 14 – 2 RIGS



Christensen CS14 Surface core drilling rig for various drilling operations features a powerful feed system, main winch and Tier 3 low-emission engine for efficient deep drilling.

Technical Specifications

Year of fabrication	2013
Product series	Christensen
Height	9970 mm
Width	2200 mm
Length	6127 mm
Weight	7000 kg
Rod pull length	6 m
NQ wireline depth capacity	1200 m
HQ wireline depth capacity	800 m
PQ wireline depth capacity	475 m





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Hanjin D&B 30 Multi Purpose



A mineral exploration drilling rig with direct or reverse circulation, continuous coring, wireline system.

Technical Specifications

Year of fabrication	2012
Width	3100 mm
Hydraulic oil tank capacity	260 l
Line pull	17 ton
Torque break-out	4 ton
Operating pressure	280 bar
Drill pipe max length	6 m
NQ wireline depth capacity	500 m
HQ wireline depth capacity	1000 m
PQ wireline depth capacity	1800 m





Nordmeyer DSB 1/1.35-220



Technical Specifications

Year of fabrication	1991
Width	2500 mm
Hydraulic oil tank capacity	200 l
Maximum pull up	3500 daN
Maximum pull down	3500 daN
Mast extension	1300-3000 mm
Drill pipe max lenght	25 m with 6" hammer and casing

A fully hydraulically operated rotary drilling rig with geotechnical applications, like wireline drilling, hammer drilling, a uger drilling.





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Fraste FS400



A massive, multipurpose and reliable drilling rig with direct or reverse fluid circulation, air drilling with DTH hammer, auger dry drilling.

Technical Specifications

Year of fabrication	2001
Width	2540 mm
Hydraulic oil tank capacity	350 l
Rotary head stroke	7000 mm
Pull-up	25000 daN
Pull-down	19000 daN
Maximum torque	3400 daN
Maximum speed	1400 RPM
Clamping force	30000 daN
Break-out torque	8600 daNm





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Rolatec RL 400



A geotechnical drilling rig, only for shallow depths, with continuous coring and wireline system.

Technical Specifications

Year of fabrication	2001
Rotating head	Axial Diameter 101 mm. Rotation Speed from 0 to 900 r.p.m variable from control panel (optional 1500 r.p.m) Maximum Torque 650 Kgm.
Hydraulic clamp	Instaled in head, with capacity of linkage until (HQ) 90 mm
Hydraulic retainer	Retention capacity until 200 mm.
Engine	Independent engine Diesel Deutz model D914L5 of 98 CV and 2.300 r.p.m. refreshed by air.
Control Panel	Centralized with complete hydraulic system which can regulate the advance speed



Rolatec RL 600 S



A geotechnical and mineral exploring drilling rig with continuous coring and wireline system.

Technical Specifications

Year of fabrication	2006
Engine	Deutz D914L06 of 117 hp
Rotating head	Hollow shaft passage 101 Thread to couple direct rotation Maximum torque 650 kgm rotation
Hydraulic jaw	Installed in head, capable of linkage to (HQ) 90 mm.
Hydraulic retainer	Ability to guide and hold up to 200 mm.
Main winch	For operations with a capacity of 3,500 kg live shot.
Auxiliary winch wire line	Capacity 1,000 kg live shot. Capacity to 400 mts. cable diameter 6 mm
Control Panel	Centralized full hydraulic system regulating the speed of advance and of the thrust force or restraint



Comacchio MC 300



The Comacchio MC300 is a multi purpose track mounted drilling rig used for geotechnical and geo-environmental investigations.

Technical Specifications

Year of fabrication	2005
Diesel engine type	HATZ 3L 41C
Main pump displacement	28 cc
Max working pressure	210 bar
Hydraulic oil tank capacity	180 l
Ground pressure	0.46 daN/cm²
Torque	200/10066/33 daNm
Dimensions	635 x 465 x 310 mm
Speed	80/160/250/500 rpm



Puntel 1000



Technical Specifications

Engine	Deutz diesel 74 kwatt
Rod diameter	250 – 300 – 360 mm
Breakout force	3000 dN*m
Weight	14000 kg
Maximum linear traction	2400 dN
Extraction force	11000 dN
Downforce	8000 dN
Crossing diameter	92 mm

A water well drilling and geotechnical drilling rig with a very good performance in all type of terrain. Capable of continuous coring with wireline system.



Teredo Hydra 310



A water well drilling rig with a very good performance with all drilling diameters.

Technical Specifications

Engine type	SAME, diesel, 86 kwatt
Rotary head stroke	3500 mm
Speed	2.5 km/h
Height in transport position	3200 mm
Rods lenght	3000 mm
Max depth drilling	250 m
Working position lenght	7800 mm
Extraction force	100 kN
Extraction speed	0÷37 m/min



1BA15



Technical Specifications

Mobility	Maz-5337
Rotary table	R410
Winch	Double drum
Mast height	18.6
Mud pump	NB 50
Max depth drilling	1000 m

A water well, oil and gas drilling rig with application in drilling up to a maximum depth of 1000 m.



DEEP ROCK



A water well trailer rig for shallow drilling.

Technical Specifications

Engine type	electrical
Height in transport position	173 cm
Rods lenght	1.5 m
Max depth drilling	20 m
Working position lenght	290 cm



Carrier D&B Hanjin 10-CR



A dynamically mobile, easy to operate carrier with many options/configurations available. Full hydraulic system, easy to control.

Technical Specifications

Year of fabrication	2012
Engine model	Daedong engine, 4 cylinder
Crawler speed	Normal 2.5 km/h, High 4 km/h
Engine power	54 hp / 2600 rpm
Ground pressure	0.5 kg/cm²
Rod loader	1000 kg
Wireless remote	For crane and rod handling
Pump model	H3V63S+10CC



Auxiliary equipments

The auxiliary and logistic equipment consists of 4x4 pickup trucks, mud pumps, mini excavators, generators, best quality rods and drilling pipes.

