

### High power compact multi-purposes drill, four wheel drive hydraulic jumbo, for development, bolting and/or production drilling.

#### Rock drill

Model ..... Hydrastar 300 NV  
 Standard male shank ..... R32 / R 38 / T38  
 Weight ..... 137 kg  
 Impact frequency ..... 40-55 Hz  
 Percussion pressure ..... 160-180 bar  
 Impact power ..... 12-16 kW

#### Drill feed

Model ..... NVF  
 Steel length ..... 6/8 or 8/10 ft  
 Drill steel ..... H 32 - H 35 - ø 39

#### Boom

Model ..... B 26 NV  
 Type ..... Parallel holding, multi-directional  
 Weight (with hoses) ..... 2000 kg  
 Feed roll-over ..... 320°  
 Feed angle ..... ± 95°  
 Boom extension ..... 1200 mm  
 Feed extension ..... 1400 mm

#### Hydraulic control panel

Model ..... I.B.C.M.NV  
 Providing ..... auto smooth collaring  
 precise anti-jamming  
 H.A.R. Rock drill auto return  
 only one control lever for thrust/percussion (full & half)  
 greatly reduced number of hoses

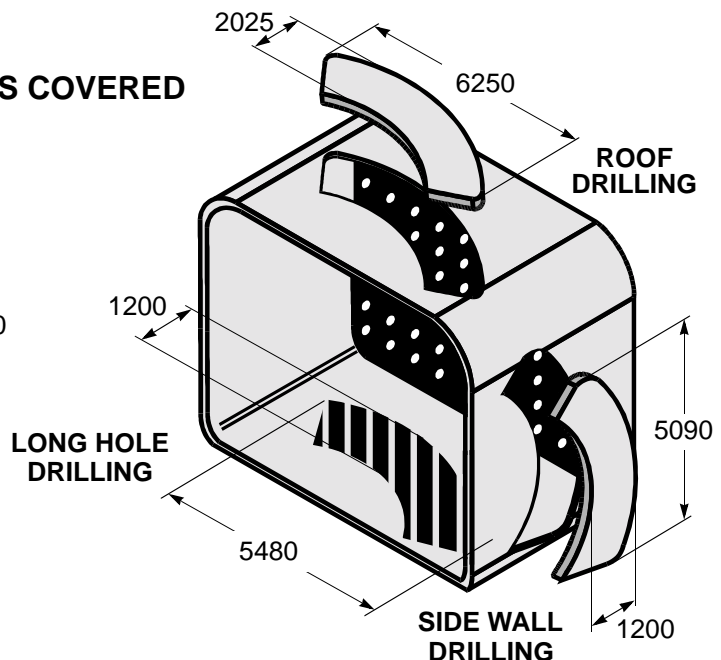
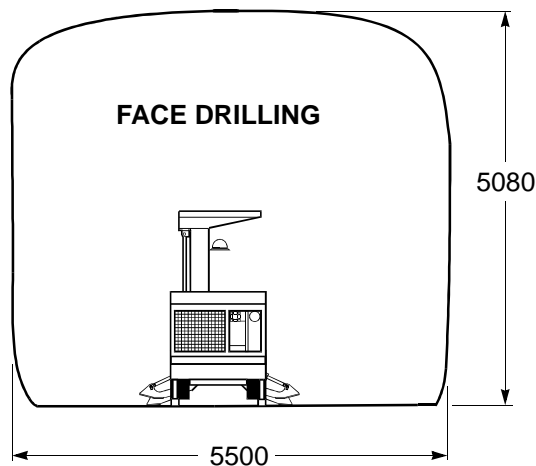
#### Power Pack

Model ..... P.P. 37 kW/3.2 Q  
 Electrical motor ..... 37 kW (50 hp)  
 Hydraulic pump ..... fixed displacement, radial piston

#### Tramming possibilities

Tramming speed ..... up to 6.5 km/h  
 Maximum operating grade ..... up to 35%  
 Weight, approximate ..... 10100 kg

## AREAS COVERED



<b>Carrier</b> .....	Mercury
<b>Service capacities</b>	
Fuel tank.....	60 litre
Hydraulic tank.....	200 litre
<b>Engine</b>	
Diesel .....	4-cyl. Deutz F4L912W
Max. rating at 2300 rpm .....	55 hp ( 40 kW )
Cooling system.....	Air-cooled
Exhaust treatment .....	ECS purifier
<b>Hydrostatic Transmission</b>	
One Pump .....	Variable displacement Axial piston, 0-75 cm <sup>3</sup> /rev
Four Wheel-motor .....	Radial piston
<b>Oscillation</b>	
Rear.....	± 6°
<b>Wheels</b>	
Tyres.....	10.00 x 15
<b>Steering</b> .....	1 hydraulic cylinder
Steering control .....	Stick steering
Articulation angle.....	35° either side from center line
<b>Service Brake</b> .....	Hydrostatic transmission
<b>Parking and Emergency Brakes</b>	
Type .....	Hydraulic oil immersed multiple disc brakes on each wheel
Actuation .....	Emergency button Spring applied, hydraulically released type
<b>Stabilizers</b>	
Front.....	2 outriggers S.F.S.O. 27
Rear.....	2 jacks S.J. 2
<b>Oil Cooler</b>	
Type .....	O.C.25, water-actuated counterflow
Cooling capacity .....	25 kW
<b>Protective telescopic canopy</b>	
Model.....	T.C. 1
Lowering capability .....	750 mm

## Rock Drill Lubrication

Compressor .....	C.T. 2, piston
Volume / Pressure .....	800 l/min - 4 bar
Motor.....	Electric - 7.5 hp ( 5.5 kW )

## Water Flushing

Water booster pump .....	W.B.P. 2, centrifugal
Volume/Pressure .....	4000 l/h - 15 bar
Motor.....	Electric - 5.5 hp ( 4 kW )

## Electrical system

High/Low voltage .....	Separate cabinets
Voltage .....	<i>Standard</i> ..... 380 - 660 V
	<i>Alternative</i> ..... 1000 V
Frequency.....	50 or 60 Hz

## Cable Reel

Capacity .....	C.R.M 120 m of cable 32 mm O.D.
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## Lighting

Working light ...	Two 24 V x 150 W halogen, W.L. 2.150
Tramming light .....	Three 24 V x 70 W, T.L. 3.70
Tail light.....	One 24 V x 15 W red light

## Alternative

### Equipment for long hole function:

- specific hydraulic components (back pressure compensator, screwing/unscrewing...).
- hydraulic stinger on drill feed + controls.
- front clamping centralizer on drill feed + controls.

### Equipment for remote control:

- electro-valves for remote control implementation.
- water-proofed electric remote control relays cabinet.

## Optional equipment

- Safety cabin.
- ANSUL Fire Suppression System LTA 101-30 ( 6 jets ).
- Spare wheel.
- Electric cable.
- Ground fault detector (not applicable to 1000 V).
- Fume diluter.
- Inclinometers for long hole function.
- Remote control:**
- portable electric remote control.
- one 24 V x 150 W pedestal mounted halogen light.