

**High power compact versatile drill, four wheel drive hydraulic jumbo, for development and production in 6 to 37 m<sup>2</sup> sections.**

**Rock drill**                      *Standard*                      *Alternative*

Model ..... Hydrastar 300 L..... Hydrastar 350 L  
 Standard male shank . R 38 - T 38..... R 38 - T 38  
 Weight ..... 145 kg..... 155 kg  
 Impact frequency..... 40-55 Hz..... 40-60 Hz  
 Percussion pressure . 160-180 bar..... 160-180 bar  
 Impact power..... 12-16 kW..... 14-18 kW

**Drill feed**                      *Standard*                      *Alternative*  
    *Face*      *Long Hole*                      *Face*

Model ..... Solid CC 2500 ... LHF 2000 .... Telesc.CTEV  
 Steel length ..... 8 to 14 ft ..... 4 or 5 ft... 6/10 to 8/14 ft  
 Drill steel ..... H 32 - H 35 ..... ø 39..... H 32 - H 35

**Boom**

Model ..... B 26 F  
 Type ..... Parallel holding  
 Weight (with hoses)..... 1900 kg  
 Feed roll-over ..... 360°  
 Boom extension ..... 1200 mm  
 Feed extension..... 1600 mm

**Hydraulic control panel**

Model ..... I.B.C.M.C.  
 Providing ..... auto smooth collaring  
    precise anti-jamming  
 only one control lever for thrust/percussion (full & half)  
    greatly reduced number of hoses  
    electro-valves for remote control implementation

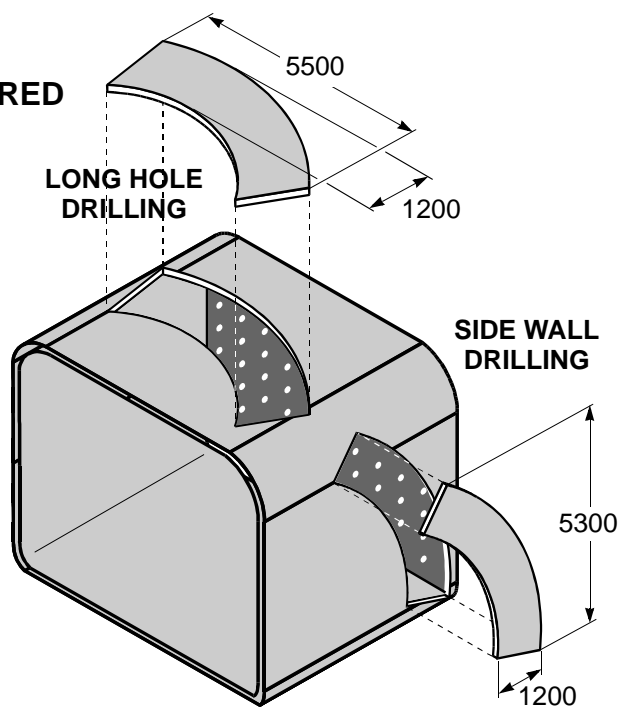
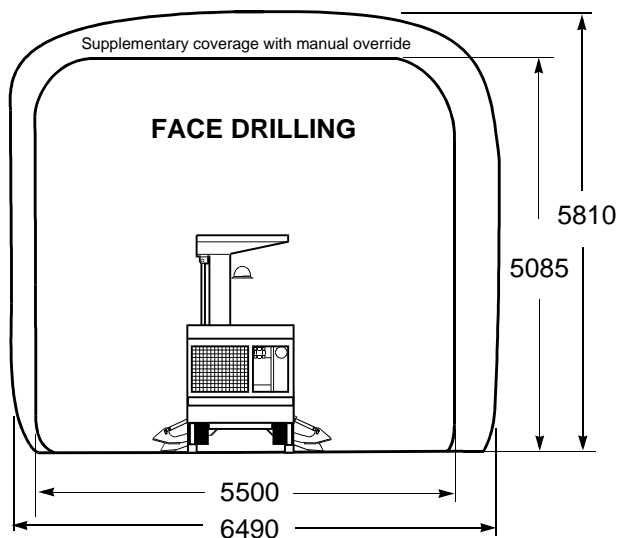
**Power Pack**                      *Standard*                      *Alternative*  
    *(for Hydrastar 350)*

Model ..... P.P. 37 kW/3.2 Q ..... P.P. 45 kW/3.6 Q  
 Electrical motor ..... 37 kW (50 hp) ..... 45 kW (60 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 ..... 9600 kg

## AREAS COVERED



**Carrier** ..... Mercury

**Service capacities**

Fuel tank.....60 litre

Hydraulic tank.....200 litre

**Engine**

Diesel .....4-cyl. Deutz F4L912W

Max. rating at 2300 rpm .....55 hp ( 40 kW )

Cooling system..... Air-cooled

Exhaust treatment ..... ECS purifier

**Hydrostatic Transmission**

One Pump ..... Variable displacement  
Axial piston, 0-75 cm<sup>3</sup>/rev

Four Wheel-motor .....Radial piston

**Oscillation**

Rear..... ± 6°

**Wheels**

Tyres.....10.00 x 15

**Steering** ..... 1 hydraulic cylinder

Steering control ..... Stick steering

Articulation angle.....35° either side from center line

**Service Brake**..... Hydrostatic transmission

**Parking and Emergency Brakes**

Type ..... Hydraulic oil immersed  
multiple disc brakes on each wheel

Actuation ..... Emergency button  
Spring applied, hydraulically released type

**Stabilizers**

Front ..... 2 outriggers S.F.S.O. 27

Rear..... 2 jacks S.J. 2

**Oil Cooler**

Type ..... O.C. 25, water-actuated counterflow

Cooling capacity ..... 25 kW

**Protective Telescopic canopy**

Model..... T.C. 1

Lowering capacity..... 750 mm

**Rock Drill Lubrication**

Compressor, piston type .....C.T. 2

Volume / Pressure ..... 800 l/min - 4 bar

Electric motor ..... 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 .....*Standard*..... 380 - 660 V

*Alternative* ..... 1000 V

Frequency ..... 50 or 60 Hz

**Cable Reel** .....C.R.M.

Capacity ..... 120 m of cable 32 mm O.D.

**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

**Optional equipment**

Safety cabin.

Front clamping centralizer on face drill feed.

ANSUL Fire Suppression System LTA 101-30 ( 6 jets ).

Spare wheel.

Electric cable.

Ground fault detector (not applicable to 1000 V).

Fume diluter.

Direct visual inclinometers for long hole feed.

**Equipment for remote control:**

- portable electric remote control.

- one 24 V x 150 W pedestal mounted halogen light.