

High power compact face drill, four wheel drive hydraulic jumbo, for development and cross-cutting in 6 to 37m² sections.

Rock drill

Standard *Alternative*

Model Hydrastar 200 F Hydrastar 300 F
 Standard male shank .. R 32 - R 38 R 32 - R 38
 Weight 115 kg 137 kg
 Impact frequency 40-65 Hz 40-55 Hz
 Percussion pressure ... 140-200 bar 160-180 bar
 Impact power 6-10 kW 12-16 kW

Drill feed

Standard *Alternative*

Model Solid CC 2500 .. Telescopic CTEV
 Steel length 8 to 14 ft 6-10 or 7-12 ft
 Drill steel H 32 - H 35 H 32 - H 35

Boom

Model B 26F
 Type Parallel holding
 Weight (with hoses) 1900 kg
 Feed roll-over 320°
 Boom extension 1200 mm
 Feed extension 1600 mm

Hydraulic control panel

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

Power Pack

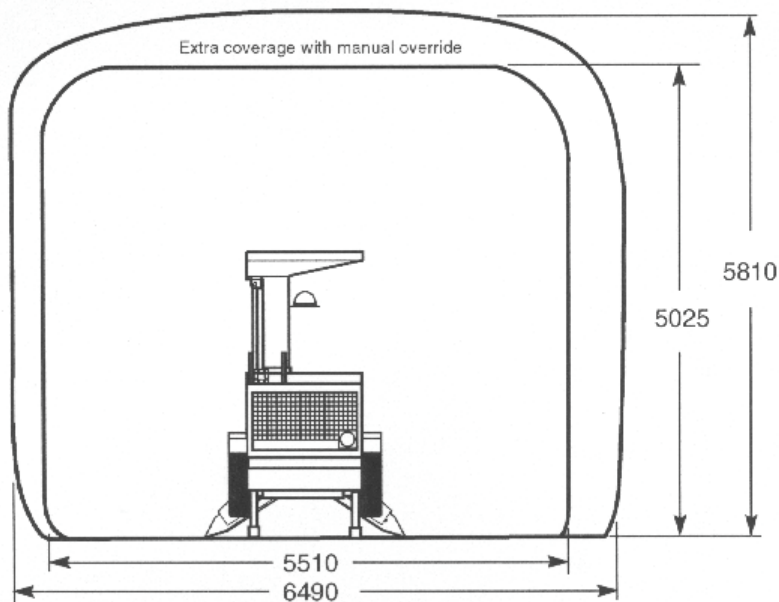
Model P.P.37 kW/3.2Q
 Electrical motor 37 kW(50 hp)
 Hydraulic pump fixed displacement, radial piston

Tramming possibilities

Tramming speed up to 6.5 km/h
 Maximum operating grade up to 35%
 Weight, approximate 8900 kg

AREA COVERED

- FACE DRILLING -



Carrier Quasar XL

Service capacities

Fuel tank 60 litre
 Hydraulic tank 130 litre

Engine

Diesel 3-cyl. Deutz F3L912W
 Max. rating at 2300 rpm 41 hp (30 kW)
 Cooling system Air-cooled
 Exhaust treatment ECS purifier

Hydrostatic Transmission

One Pump Variable displacement
 Axial piston, 0-75 cm³/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 30° 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 T.C. 1
 Lowering capability 900 mm

Rock Drill Lubrication

Compressor C.T. 1, piston
 Volume / Pressure 400 l/min - 4 bar
 Motor Electric - 4 hp (3 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.Q.
 Capacity 100 m of cable 32 mm O.D.

Lighting

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

Caging dimensions and weight on primary dismantling

	Front part	Rear part
Length (mm)	1900	3135
Width (mm)	1200	1200
Height (mm)	1370	1270
Weight (kg)	2300	4000

Optional equipment

ANSUL Fire Suppression System LTA 101-30 (6 jets).
 Spare wheel.
 Front clamping centralizer on drill feed.
 Electric cable.
 Ground fault detector (not applicable to 1000 V).
 Fume diluter.