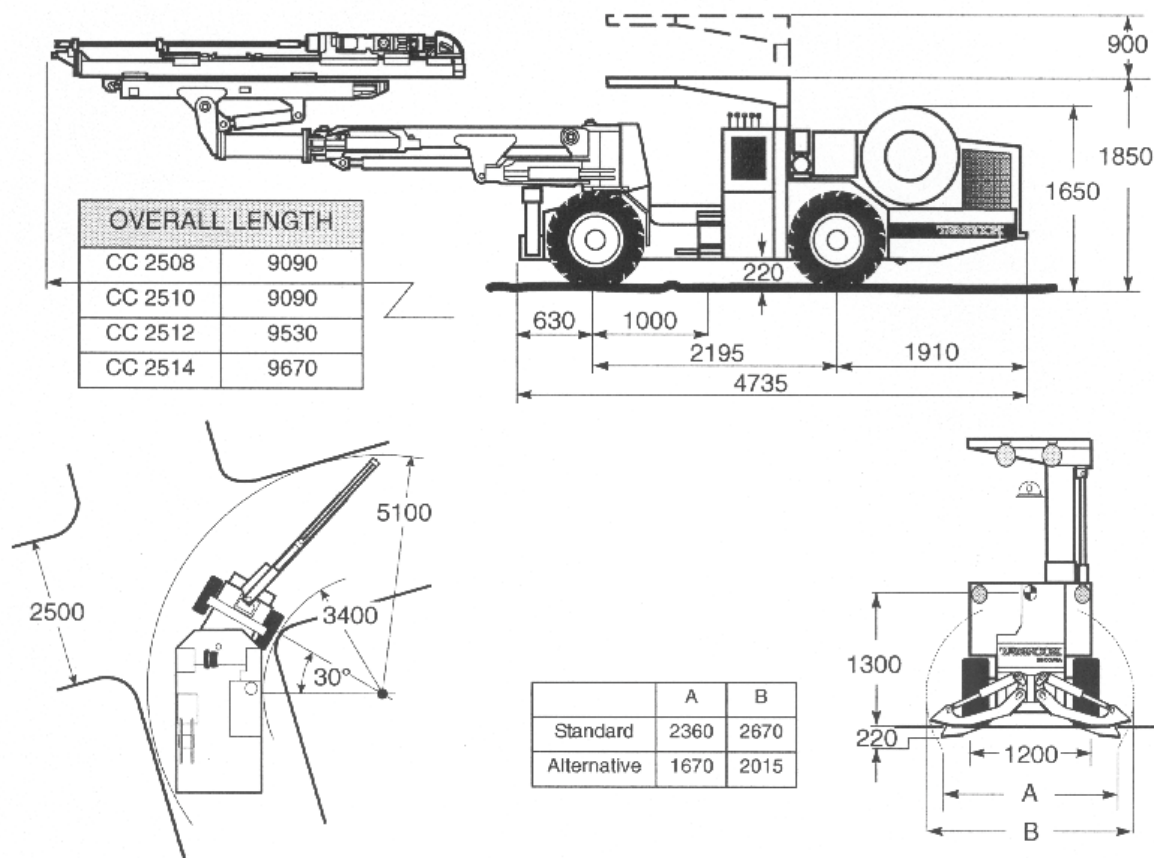




High power compact face drill, four wheel drive hydraulic jumbo, for development and cross-cutting in 4 to 24 m² sections

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 ft
 Drill steel H 25 till H 35 H 25 till H 35

Boom

Model B 14 F
 Type Parallel holding
 Weight (with hoses) 1500 kg
 Feed roll-over 360°
 Feed extension 2000 mm

Hydraulic control panel

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

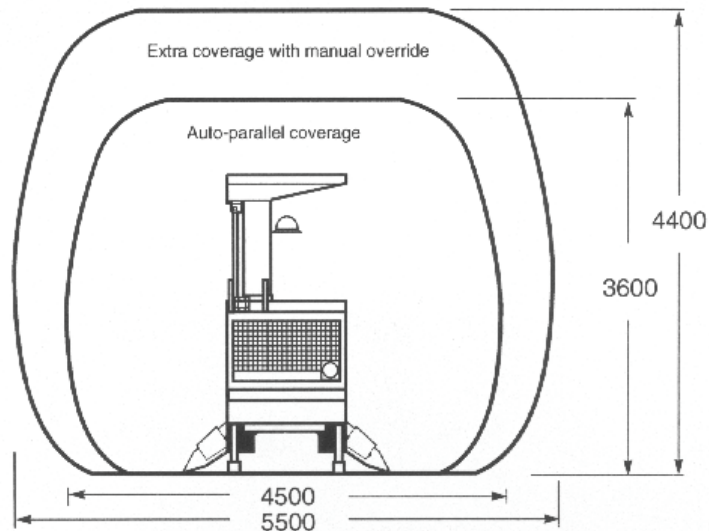
Power Pack

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 7300 kg

AREA COVERED - FACE DRILLING -



Carrier Quasar

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 $\pm 6^\circ$

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 with CC2510 / CC2512 Drill Feed

Standard Alternative

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

Rear 2 jacks

with CC2514 / CTEV Drill Feed

Front 2 outriggers

Rear 2 jacks

Telescopic Canopy T.C. 1

Lowering capability 900 mm

Oil Cooler

Type O.C. 25, water-actuated counterflow

Cooling capacity 25 kW

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 Standard Two 24 V x 70 W/W.L. 2.70
Alternative ... Two 24 V x 150W 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

Caging dimensions and weight on primary dismantling

	Front part	Rear part
Length (mm)	1700	3135
Width (mm)	1200	1200
Height (mm)	1280	1270
Weight (kg)	2200	4000

Optional equipment

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

Front clamping centralizer on drill feed.

H.A.R. Rock drill auto-return.

Electric cable.

Ground fault detector (not applicable to 1000 V).

Fume diluter.