

**Compact single boom high power face drill,
hydrostatic transmission four wheel drive jumbo,
for development and cross-cutting in sections up to 38 m² .**

Rock drill

Model HL 510 S-38
 Standard male shank R 38
 Weight 130 kg
 Impact frequency 59 Hz
 Percussion pressure 175 bar
 Impact power 16 kW

Drill feed

Standard Alternative

Model TF 500 TTF 500
 Steel length 10 to 16 ft 6/10 to 12/16 ft
 Drill steel H 32-H 35 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 system

Model THC 500

Control Functions

Power control adjustable full power
 adjustable collaring power
 Rotation control adjustable rotation speed
 reversible rotation
 Flushing control water flushing

Automatic Functions

collaring, stop-and-return, anti-jamming, flushing

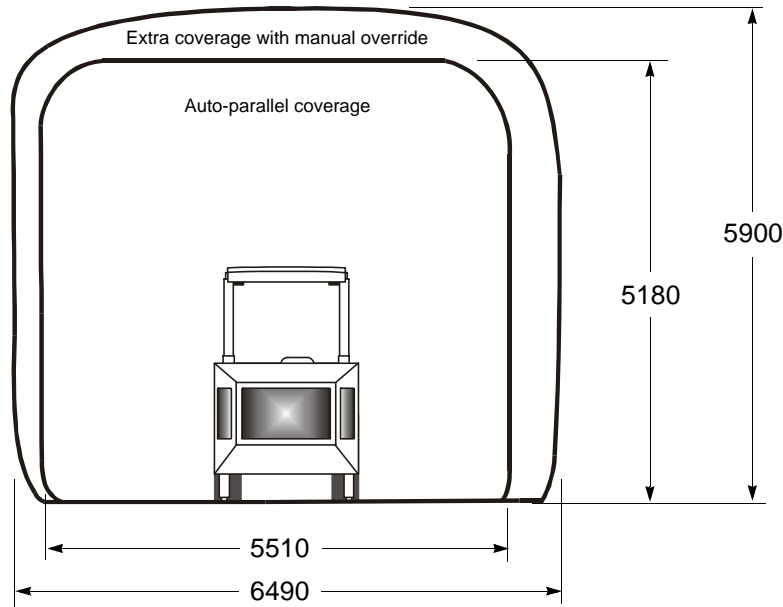
Power Pack

Electrical motor 45 kW (60 hp)
 Hydraulic pump types
 Percussion, feed & boom variable
 displacement, axial piston
 Rotation gear

Tramming possibilities

Tramming speed 1st gear 5 km/h
 2nd gear 12 km/h
 Maximum operating grade up to 35%
 Weight, approximate 11000 kg

COVERAGE AREA



Carrier CB 05

Service capacities

Fuel tank.....80 litre
Hydraulic tank.....145 + 50 litre

Engine

Diesel4-cyl. Deutz BF4L 1011 F
Max. rating at 2300 rpm74 hp (55 kW)
Cooling system.....Air/Oil-cooled
Exhaust treatment ECS purifier

Transfer case

Type Gear

Automotive Hydrostatic Transmission

One pump..... Variable displacement
Axial piston,0-71 cm³/rev
One motor Variable displacement, axial piston

Axles

Front & Rear..... Ford D45 HD, heavy duty
with differential and planetary reduction

Oscillation

Rear..... ± 6°

Wheels

Tyres12.00 x 20

Steering 2 hydraulic cylinders

Steering control Frame steering, Orbital
Articulation angle.....37° either side from center line

Service Brake..... Hydrostatic transmission

Actuation Pedal

Parking and Emergency Brakes

Type Hydraulic oil immersed
multiple disc brakes on both axles

Actuation Emergency button
Spring applied, hydraulically released

Stabilizers

Front..... 2 hydraulic jacks S.J. 3
Rear.....2 hydraulic jacks S.J. 3

Oil Cooler

Type OW 30, water-actuated counterflow
Cooling capacity 30 kW

Protective Telescopic CanopyT.C. 05

Lowering capability..... 920 mm

Rock Drill Lubrication

Compressor..... CT 10, screw
Volume / Pressure..... 1.0 m³ /min - 7 bar
MotorElectric - 10 hp (7.5 kW)

Water Flushing

Water booster pumpW.B.P. 2, centrifugal
Volume/Pressure..... 4000 l/h - 15 bar
MotorElectric - 5.5 hp (4 kW)

Electrical system

High/Low voltage..... Separate cabinets
Voltage *Standard*380 - 660 V
Alternative 1000 V
Frequency50 or 60 Hz

Cable Reel

Capacity 80 m of cable 32 mm O.D.

Lighting

Working light.... Two 24 V x150 W halogen, W.L. 2.150
Tramming light..... Four 24 V x 70 W, T.L. 4.70
(the 2 front lights are also used as working lights)

Optional equipment

ANSUL Fire Suppression System LTA 101-30, 6 nozzles.

Ground fault detector (not applicable to 1000 V).

Additional service brake on axles.

Electric cable.

Fume diluter.

Electric filling pump for hydraulic oil.

Automatic greasing system (Lincoln) for boom and carrier.

Central greasing system.

Spare wheel.

Air Flushing.

Double flushing (air/water) with compressor CT 10.

Air mist flushing kit for auxiliary water/air connection.

Front clamping centralizer on drill feed.

Drill angle and depth measuring instrument TMS.