

**Fully mechanized high productivity rock bolter, automotive hydrostatic transmission four wheel drive jumbo, for installation of bolts from 5 to 10 ft in drift heights up to 6.6 m.**

### Rock drill

Model .....Hydrastar 200 B  
 Standard female shank..... R 25 - R 32  
 Weight..... 115 kg  
 Impact frequency ..... 40-65 Hz  
 Percussion pressure ..... 140-200 bar  
 Impact power ..... 6-10 kW

### Wrench

Model .....RHR 50 Series  
 Weight..... 40 kg  
 Oil pressure ..... 210 bar  
 Maxi. torque ..... 32 mdaN

### Bolting Head

Model ..... TU - C  
 Bolt length..... 5 to 10 ft  
 Drill steel ..... H 22 till H 28  
 Bolt magazine ..... Capacity ..... 10, 12 or 15 bolts  
 (depending on bolt used)

### Boom

Model ..... B 26 B  
 Type..... Universal  
 Weight (with hoses) ..... 1330 kg  
 Feed roll-over ..... 360°  
 Boom extension ..... 1200 mm

### Hydraulic control system

Type..... THC 500 B

#### Control Functions

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

### Power Pack

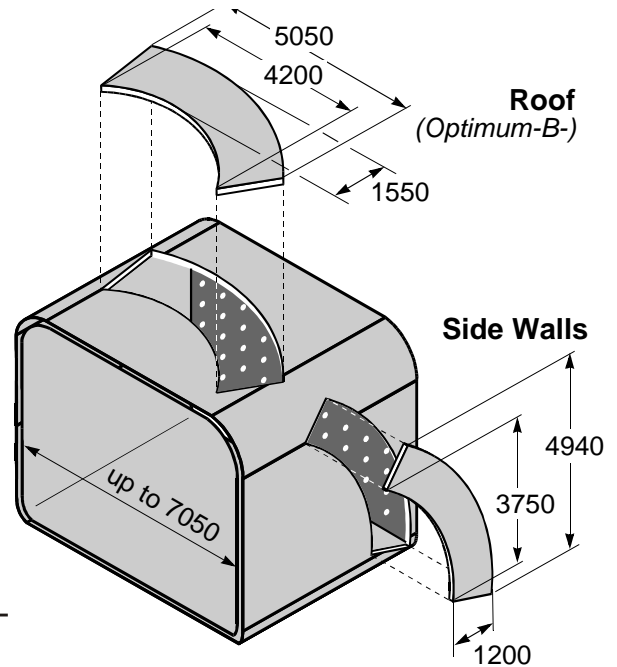
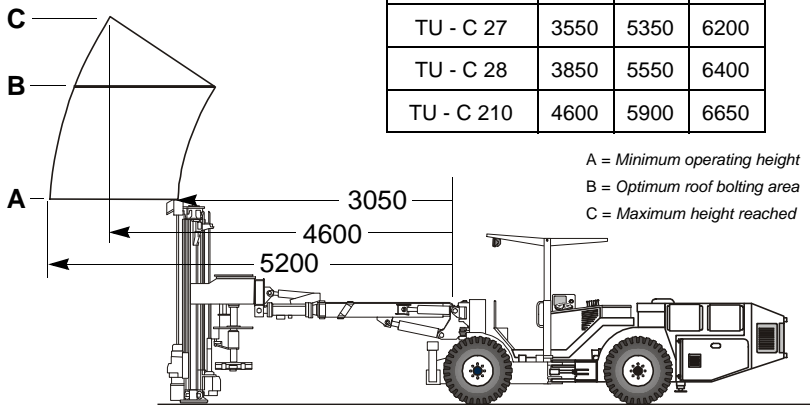
Electrical motor ..... 45 kW (60 hp)  
 Hydraulic pump types  
 Percussion, bolting head & boom..... variable  
 ..... displacement, axial piston  
 Rotation ..... gear

### Tramming possibilities

Tramming speed..... 1<sup>st</sup> gear ..... 5 km/h  
 ..... 2<sup>nd</sup> gear ..... 12 km/h  
 Maximum operating grade ..... up to 35%  
 Weight, approximate..... 13000 kg

ROOF BOLTING HEIGHT			
Turret Type	A	B	C
TU - C 25	2950	5050	5900
TU - C 26	3250	5200	6050
TU - C 27	3550	5350	6200
TU - C 28	3850	5550	6400
TU - C 210	4600	5900	6650

A = Minimum operating height  
B = Optimum roof bolting area  
C = Maximum height reached



**Carrier** ..... CB 05

**Service capacities**

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

**Engine**

Diesel .....4-cyl. Deutz BF4L 1011 F  
Max. rating at 2300 rpm .....74 hp ( 55 kW )  
Cooling system.....Air/Oil-cooled  
Exhaust system.....ECS purifier

**Transfer case**

Type ..... Gear

**Automotive Hydrostatic Transmission**

One pump..... Variable displacement  
Axial piston,0-71 cm<sup>3</sup>/rev  
One motor ..... Variable displacement, axial piston

**Axles**

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

**Oscillation**

Rear..... ± 6°

**Wheels**

Tyres .....12.00 x 20

**Steering**.....2 hydraulic cylinders

Steering control ..... Frame steering, Orbitrol  
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 outriggers S.F.S.O. 35  
Rear.....2 hydraulic jacks S.J. 3

**Oil Cooler**

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

**Protective Telescopic Canopy** ..... T.C. 05

Lowering capability ..... 920 mm

**Rock Drill Lubrication**

Compressor..... CT 10, screw  
Volume / Pressure..... 1.0 m<sup>3</sup> /min - 7 bar  
Motor .....Electric - 10 hp ( 7.5 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**

Capacity ..... 80 m of cable 32 mm O.D.

**Lighting**

Working light.... Two 24 Vx 150 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)

**Alternatives**

- R - injection system (Resin cartridges).
- CC - injection system (Cement Cartridges).
- S - installation system (Split Set) with HH 200 impactor.
- SW - installation system (Swellex) with water pressure intensifier.

**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.
- Water hose reel.
- Spare wheel.
- Screen handler.
- High pressure water cleaning pump.