Combining simplicity with good hole quality

Hole range 76 mm - 115 mm (3" - 4½")
### Technical data ECM 660IV

#### Recommended hole range
- **Hole range:** 76 - 115 mm 3” - 4½”
- **Drill steel dimensions:** T45, T51

#### Rod handling capacity
- **Hole depth:** 25 m 82’

#### Hydraulic rock drill
- **Montabert / HC158**
- **Impact power, max.:** 21 kW 28 HP
- **Rotation speed:** 0 - 170 rpm
- **Torque, max.:** 1225 Nm 900 lbf/ft

#### Engine
- **Cummins / QSC 8.3**
- **Rating at 2200 rpm:** 194 kW 260 HP
- **Emission control level:** Stage 3 Tier III

#### Fuel tank
- **Capacity:** 400 l ~106 US gal.

#### Compressor
- **Working pressure, max.:** 10 bar 140 psi
- **FAD:** 167 l/s 350 cfm

#### Boom variant
- **Type:** Extendible

#### Feed
- **Feeding system:** Chain
- **Feed length, total:** 7 660 mm 25’
- **Travel length:** 4 250 mm 14’
- **Feed extension:** 1 500 mm 4’11”
- **Feed rate, max.:** 0.7 m/s 132 ft/min
- **Feed force, max.:** 19.6 kN 4400 lbf
- **Pull force, max.:** 19.6 kN 4400 lbf

#### Tramming
- **Tramming speed max.:** 3.4 km/h 2.1 mph
- **Traction force:** 89.6 kN 20 000 lbf
- **Hill climbing ability:** 30° (in CE 20°)
- **Track oscillation:** ±9°
- **Ground clearance:** 420 mm 16.5”

#### Transport dimensions, approximately
- **Weight (excl. optional equipment):** 13 tonnes 28.660 lb
- **Width:** 2.47 m 8’2”
- **Length:** 9.98 m 32’9”
- **Height:** 2.87 m 9’5”

### Standard equipment
- Limited ambient temperature: 52 deg. C
- Rod handling system prepared for 6 x 3 660 mm T51 rods with 72 mm couplings
- Track chains with triple grouser pads
- Full length track guard
- Two speed traction motor
- Work lights
- Engine auto throttle
- Cab
- Cab air conditioning system
- Safety switch on operators seat
- Back mirror
- Inclinometer instrument in Cab
- Safety shutdown device on feed
- Rod handling system
- Rod handling system one lever control
- Rod handling lockout system
- Vertical sliding dust hood
- Dust collector
- Two lever drilling control
- Percussion hour meter
- Smooth drilling system
- Thread greasing device, spray system
- JIC hydraulic hose couplings
- Low level indicator for fuel and hydraulic oil
- Standard tool kit
- First 50 hrs service kit for compressor

### Selection of optional equipment
- Rod handling system prepared for 6 x 3 660 mm T45 rods with 63 mm couplings
- Rod handling system prepared for 6 x 3 660 mm T45 rods with 66 mm couplings
- Track chains with single grouser pads (only available for CE)
- Cooling system retrofit kit
- Cold weather kit
- Anti freezing system
- Angle indicator 2-D Lim
- Angle indicator 3-D Lim
- Water mist system (tank included)
- Water mist system (exclusive tank)
- Dust pre-separator
- Gas charging equipment (for rock drill)
- Conversion kit T51 72 mm sleeves to 77 mm sleeves
- Hydraulic pressure test kit