

# ECM 660IV SURFACE DRILLS

TECHNICAL SPECIFICATION



**Combining simplicity with good hole quality**

Hole range 76 mm - 115 mm (3" - 4½")

<b>Technical data ECM 660IV</b>		
<b>Recommended hole range</b>		
Hole range	76-115 mm	3"- 4½"
Drill steel dimensions	T45, T51	
<b>Rod handling capacity</b>		
Hole depth	25 m	82'
<b>Hydraulic rock drill</b>		
Montabert / HC158		
Impact power, max.	21 kW	28 HP
Rotation speed	0 - 170 rpm	
Torque, max.	1225 Nm	900 lbf/ft
<b>Engine</b>		
Cummins / QSC 8.3		
Rating at 2200 rpm	194 kW	260 HP
Emission control level	Stage 3	Tier III
<b>Fuel tank</b>		
Capacity	400 l	~106 US gal.
<b>Compressor</b>		
Working pressure, max.	10 bar	140 psi
FAD	167 l/s	350 cfm
<b>Boom variant</b>		
Type	Extendible	
<b>Feed</b>		
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
<b>Tramming</b>		
Tramming speed max.	3.4 km/h	2.1 mph
Traction force	89.6 kN	20 000 lbf
Hill climbing ability	30°	
Track oscillation	±9°	
Ground clearance	420 mm	16,5"
<b>Transport dimensions, approximately</b>		
Weight (exkl. 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

- 50 hour Element Kit
- 90 deg. Indexed Drill Guide
- ARC T51 X 12' X 6 for 72 mm Coupling
- Auto Drilling System ( Montabert )
- Auto Rod Thread Greaser
- Back Mirror
- Back Up Alarm
- Drifter Hour Meter
- Dust Collector with Vertical Sliding Hood
- Engine Auto Throttle
- Full Length Track Guard
- HC158 Reverse Percussion Hydraulic Drifter
- JIC Hose Fittings
- Low Level Indicator for Fuel & Hyd. Oil
- One Lever ARC Control
- Safety Shutdown Device On Drill Guide
- Standard Tool Set
- Three Sets Manuals and Parts Books
- Triple Grouser Shoe Pads
- Two Lever Drilling Controls
- Two Speed Traction Motor
- Warning Horn
- Working Lights (F:3/R:1)
- Limited Ambient Temperature : 52 deg. C

## Selection of optional equipment

- Accumulator Charge Kit
- Angle Indicator 2-d Lim
- Angle Indicator 3-d Lim
- Anti Freezing System
- ARC Lockout System
- ARC T45 X 12' X 6 For 63 mm Coupling
- ARC T45 X 12' X 6 For 66 mm Coupling
- Cold Wether Kit
- Extra Parts Book
- Hyd. Pressure Test Kit
- Pre Skimmer
- Single Grouser Shoe Pads
- T51 / 77 mm Centralizer
- Vaposol (Less Tank)
- Vaposol Tank (Asme)