ECM 720



Tough enough to lead, rugged enough to last

Hole range 102 mm-140 mm (4"-5.5")

Atlas Copco

Technical data ECM 720		
Recommended hole range		
Hole range	102-140 mm	4”- 5½”
Drill steel dimensions	T51, T60	
Rod handling capacity		
Hole depth	29.5 m	97’
Hydraulic rock drill		
HC200A		
Impact power, max.	26 kW	35 HP
Rotation speed	0 - 135 rpm	
Torque, max.	1280 Nm	950 ft.lbf
Engine		
CAT C11		
Rating at 1800 rpm	287 kW	385 HP
Emission control level	Stage 3	Tier III
Fuel tank		
Capacity	587 l	~155 US gal.
Compressor		
Working pressure, max.	10.3 bar	150 psi
FAD	226 l/s	480 cfm
Boom variant		
Type	Telescopic	
Feed		
Feeding system	Chain	
Feed lenght, total	8 788 mm	28’10”
Travel length	5 182 mm	17’
Feed extension	1 524 mm	5’
Feed rate, max.	0.96 m/s	190 ft/min
Feed force, max.	33.8 kN	7600 lbf
Pull force, max	33.8 kN	7600 lbf
Tramming		
Tramming speed max.	3.2 km/h	2 mph
Traction force	125.4 kN	28 192 lbf
Hill climbing ability	30°	
Track oscillation	±10°	
Ground clearance	432 mm	17”
Transport dimensions, approximately		
Weight (excl. optional equipment)	20.5 tonnes	45.300 lb
Width	2.57 m	8’5”
Reaching shortest length		
Length	10.72 m	35’2”
Height	3.94 m	12’11”
Reaching lowest height		
Length	12.17 m	39’11”
Height	3.33 m	10’11”

Standard equipment

- Mechanized rod handling
- Engine automatic throttle
- Load sense progressive Anti Jamming system (Strata Sense)
- Central Hydraulic system test ports
- Variable speed cooling fan control
- Tier III emmission compliance
- 2D electronic angle indicator
- Boom extension
- Feed extension
- Dual pinning for L/R horizontal drilling
- Water mist system preplumbed for tank
- Preseparator
- Dust collector
- Retractable dust hood
- Hydraulic Centralizer
- Thread greasing device
- FOPS and ROPS operator safety cab
- Cab air-conditioning/heating
- Working lights
- Back up alarm
- Heavy duty tracks with full length rock guards
- Track Oscillation
- Rock drill Automatic Lubricator device

Selection of optional equipment

- 3D angle indicator
- 3D angle indicator with speed and depth
- Central lubrication system
- 14’ rod changer group
- High capacity dust collector
- Hydraulic system test kit
- Conversion kit T51/T60
- Pressurized water mist tank 80 gal
- Pressurized water mist tank 120 gal instead of DCT (not in combination with 80 gal tank)
- Gas charging kit
- Diesel fired engine preheater 45.000 btu
- Arctic Package
  - Diesel fired engine preheater 100.000 btu
  - Arctic Hosing
  - Arctic fluids
  - Hydraulic and fuel tank heaters
  - Compressor air regulator heater
  - Water tank heater (if ordered with water tank)
  - Compressor air tank relief valve