

The FreedomTM Car Family

FC16 Shuttle Coal Hauler

Since its introduction at MINExpo 2000, the FreedomTM Car Family has expanded to include both battery powered and cable operated models.

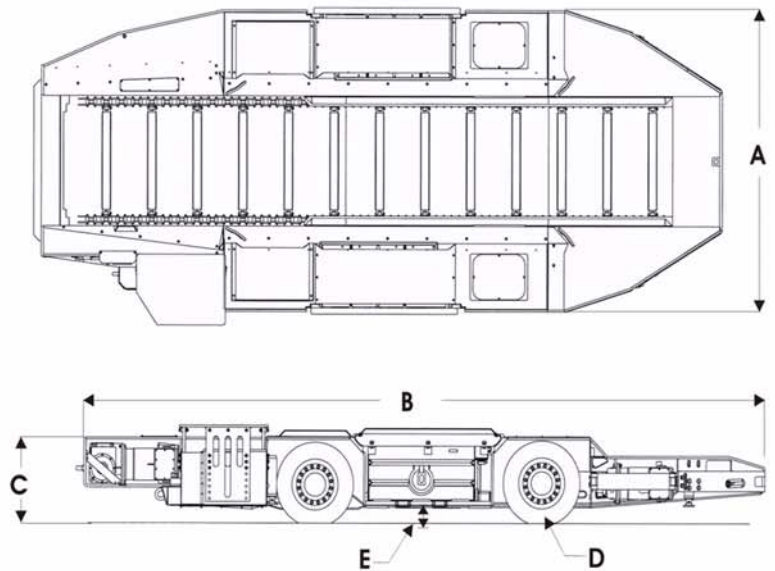
The FreedomTM Car frame design has proven to provide an increased payload per trip.



Battery Operated

- Cable Free - No Turnaround
- Increased Payload
- New Improved Wheel Units
- Heavy Duty Unibody Construction

Phillips + Payload = Profits!



MODEL NUMBER	** CAPACITY	OVERALL CHASSIS WIDTH	CHASSIS LENGTH	CHASSIS HEIGHT	TIRE DIAMETER	GROUND CLEARANCE
FC16-64	368ft ³ / 10.4m ³	148" / 3.75m	359" / 9.11m	48" / 1.22m	49" / 1.24m	11" / 279mm

** Capacity is estimated based on equipment specifications and on a water level full chassis with no side boards and 64" / 1.63m conveyor.

Specifications for FC Model

Conveyor Width: 40" (1.02m)–64" (1.63m)
 Empty Weight with Batteries: 27-36 tons (24.5–32.7 tonnes)
 Tram Speed Empty: 5 mph (8 Km/h)
 Tram Speed Loaded: 4 mph (6.4 Km/h)
 Conveyor Discharge Time: 30-40 Seconds
 Conveyor Chain: 4.1 (104mm) Pitch
 Conveyor Drive: Heavy Duty Wormset
 Conveyor Chain Take-ups: Grease Type
 Pump Motor Hp: 15 Hp (11.19 Kw)
 Conveyor Motor Hp: 40 Hp (29.84 Kw)
 Traction Motor Hp: 40 Hp (29.84 Kw)
 Hydraulic Hose Types: JIC / MPT / Stecko
 Fire Hose Types: JIC / MPT
 Interchangeable Planetary Type Wheel Units
 Full Time Four Wheel Drive
 Wet Multi-Disc Oil Cooled Brakes
 Automotive Type Steering Drag Links
 Halogen Lights
 Solid State Infinitely Variable Tram & Conveyor Control
 Gear Type Hydraulic Pump
 Magnet in Hydraulic Tank
 Suction Strainer
 Return Line Filter
 Injector Type Oil Fill
 Dry Chemical Fire Suppression
 Optional – Service Cylinders

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