

The FreedomTM Car Family

FC25 Shuttle Coal Hauler

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

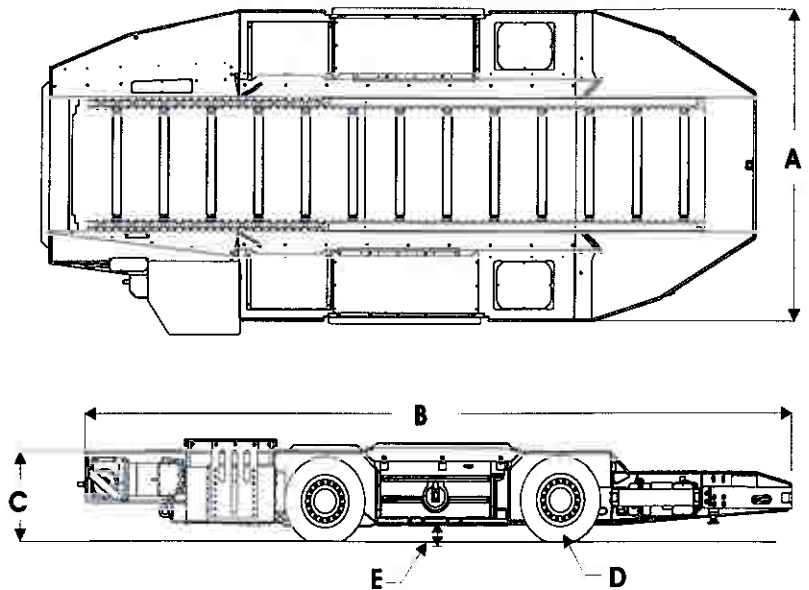
The FreedomTM Car frame design has proven to provide an increased payload per trip.



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 |
|--------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| FC25-64 | 567 ^{ft} / 16.1 ^m | 172 ⁱⁿ / 4.36 ^m | 372 ⁱⁿ / 9.44 ^m | 63 ⁱⁿ / 1.60 ^m | 58 ⁱⁿ / 1.47 ^m | 15 ⁱⁿ / 381 ^{mm} |

** 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 (29.84Kw)
- 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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