

# The Freedom<sup>TM</sup> Car Family

## PM2110-FC20 Shuttle Coal Hauler

Since its introduction at MINExpo 2000, the Freedom<sup>TM</sup> Car Family has expanded to include both battery powered and cable operated models.

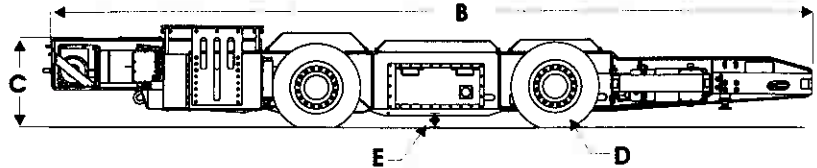
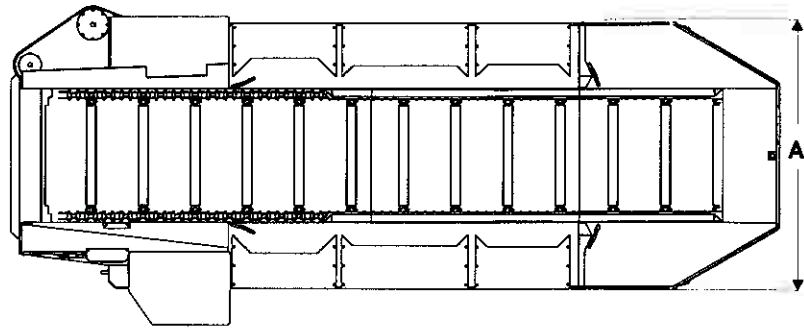
The Freedom<sup>TM</sup> Car frame design has proven to provide an increased payload per trip.



## Cable Operated

- Increased Payload
- New Improved Wheel Units
- Heavy Duty Unibody Construction

**Phillips + Payload = Profits!**



MODEL NUMBER	** CAPACITY	A OVERALL CHASSIS WIDTH	B CHASSIS LENGTH	C CHASSIS HEIGHT	D TIRE DIAMETER	E GROUND CLEARANCE
PM2110-FC20-64	4846 <sup>3</sup> / 13.7m <sup>3</sup>	146" / 3.70m	364" / 9.24m	57" / 1.44m	53" / 1.35m	13.5" / 343mm

\*\* 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 PM2110-FC Model

- Conveyor Width: 40" (1.02m)–64" (1.63m)
- 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: 25 Hp (19 Kw)
- Conveyor Motor Hp: 30-62 Hp (22-46 Kw)
- Traction Motor Hp: 30-62 Hp (22-46 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

Phone: 304.255.0537 fax-304.255.0565

[www.phillipsmachine.com](http://www.phillipsmachine.com)

