Benefits

- Increases production by eliminating lost time waiting for material to be delivered to the appropriate location
- Eliminates the need for overhead cranes and fork trucks to move heavy loads through manufacturing areas, thereby greatly improving plant safety and ergonomics
- Greatly reduces the potential for damage to material and/or product
- Atlas is the industry leader with more cart systems in the field than all competitors combined
- Proven technology, heavy-duty design and construction result in high reliability and maintainability

Uses

- Transport of heavy payloads between crane bays
- Transport of heavy loads through assembly line processes (i.e., railcar, construction equipment, agricultural equipment, truck, wind generator components, mining equipment, etc.)
- Transport of heavy loads through fabrication processes.
- Transport of coil steel, steel blank stacks, heavy plate stacks, etc., from storage to the process area.
Standard Features & Available Options

- Flat decks or fixtures for transporting specific payloads
- Payload capacities from 10,000 to 220,000 lbs.
- Fixed speed or variable speed capabilities
- Custom deck configurations may include lift, tilt, or rotate functions
- On board charging for DC powered drives
- Many drive and steering configurations available to satisfy a wide range of requirements.
- Drives include forward and reverse
- Drives with acceleration and deceleration capabilities
- Options for accurate shot pin floor locators
- Options for self loading/unloading
- Options for automatic operation
- Available safety equipment including but not limited to horns, lights, E-stop, bumpers and laser

Specifications

Load Size/Shape: Customer supplied
Load Weight: Up to 100 tons
Cart Travel Speed: Up to 50 ft per minute (15 m/min)
Power: Electric, battery or hydraulic

Styles Available

Flat Track Mounted
- AC electric driven
- DC electric driven
- AC electric/hydraulic driven
- DC electric/hydraulic driven
- Pneumatic driven
- Retro-fit available for drag chain driven units

Non-Track Mounted
- Non-Powered towable front fifth wheel steering
- Non-Powered towable front automotive wheel steering
- Non-Powered towable articulated four wheel steering (self tracking)
- DC electric powered front automotive wheel steering

Below: Atlas “Shuttle Buggy” style transport cart (powered unit) shown without load.