



ATLAS TECHNOLOGIES

Atlas self-powered transport carts are used in hundreds of installations for fast, smooth and safe movement of materials and/or product through manufacturing facilities. Based on our world renowned die cart technology, Atlas transport carts provide consistently controlled movement of oversized and heavy loads designed for our customers specific needs.

Shown below: An Atlas transport cart provides fast and safe movement of automotive stamping dies through the manufacturing area.



Transport Carts



Above: Atlas "Shuttle Buggy" transport carts which operate in pairs (one powered unit and one non-powered unit) move railcars through the assembly process for a Canadian based manufacturer.

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

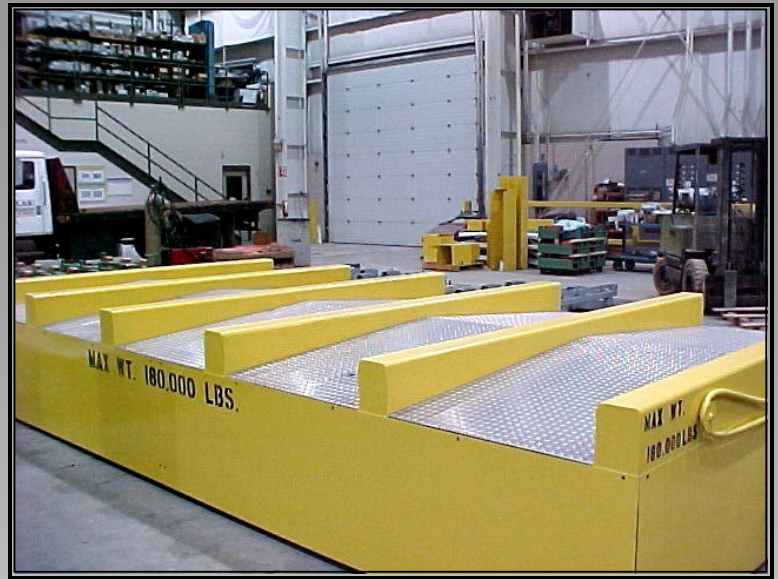
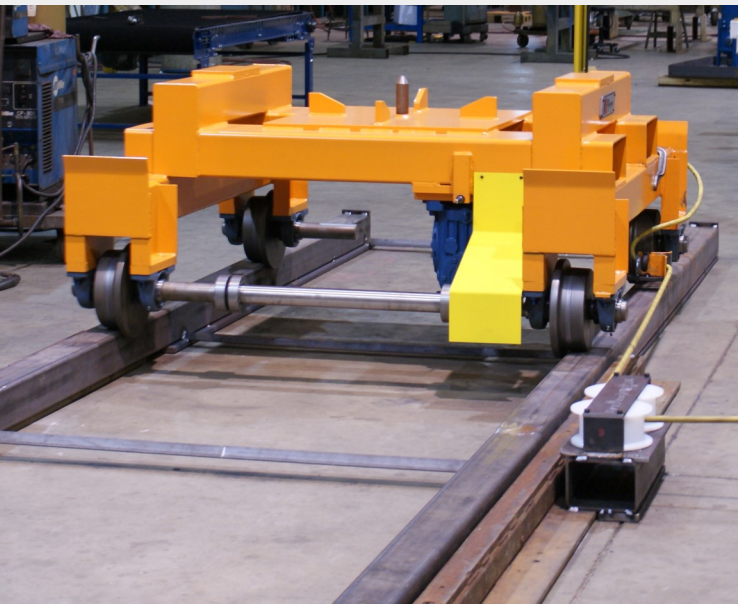
Uses

- 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 140,000 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

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



Specifications

Load Size/Shape: Customer supplied

Load Weight: Up to 70 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