

Transfer cars have many applications such as handling steel coils, molds and dies, radioactive waste containers, fabricated structures and machine sub-assemblies.

Avon Engineering engineers transfer cars to your exact specifications. Depending on the application, drive systems may include:

- AC electric motor fed by cable reel with enclosed conductor bars or festoon system.
- DC electric motor powered by 24V or greater battery pack.
- Hydraulic motor powered by propane fueled internal combustion engine.
- Non-motorized towable carts.



60,000 pound capacity towable tube bundle cart. The cart has a hydraulic braking system.

FULLY AUTOMATED COIL TRANSFER CARS



These fully automated coil transfer cars are track mounted and located in a “green” coil storage warehouse. They were designed to move steel coils weighing 42 tons, up to a maximum diameter of 80 inches and a maximum width of 72 inches. There are five cars in this facility.

TOW-TYPE TRANSFER CARS



Fabricated of heavy-duty welded steel, this non-powered, towable die cart is a durable and inexpensive addition to your die-transport operation. The top platform is fitted with super-rail low friction roller sections for easy die transfer. It features a fabricated steel hitch pin so that a forklift can move it easily around the plant.

FREE RANGING COIL MOUNTERS



This 10,000 pound capacity cart is towable and has V-blocks that can be adjusted to the desired load length.

COIL TRANSFER CAR



This 50-metric ton capacity coil transfer car can transport two 25-metric ton coils. Replaceable wear pads protect the coil surface. The operator walks along with car, operating it from a hand-held pendant.



BATTERY POWERED TRANSFER CARS

This 20,000-pound capacity transfer car is used to move stamping dies. The transfer car is battery powered, eliminating the need for a cable reel or other external means of getting electrical power to the car.



COIL TRANSFER CARS WITH SCISSORS LIFT AND TURNTABLE



This Avon Engineering scissors lift coil transfer car has power rotation. It is rated for 15,000-pound capacity and is designed to handle aluminum coils, 62" by 56" wide. The coil is supported by gravity type rollers to permit proper coil tail orientation.

PROPANE POWERED TRANSFER CARS



Propane powered transfer cars are used for handling coils, dies and molds.

- Propane powered with on-board PLC and equipment for remote starting of engine and transport, for example by the crane operator.
 - Anti-collision sensors will stop the unit.
 - Auto shut-down when transfer is completed.
- Automatically steers to follow a floor wire.
- Can be operated by attached pendant, remote radio or full automation.
- Urethane covered wheels rated to run on a level industrial concrete floor.

Special Features:

- Economic installation.
- No rails required.
- Easy to relocate when necessary.
- Unlimited travel – no power cable needed.

FREE RANGING COIL MOUNTER



This free-ranging, custom-engineered coil mounter moves easily throughout a plant. It combines the benefits of fork trucks, upenders and coil cars to maximize productivity.

- Like rail-mounted cars, these units are designed to handle a wide range of sizes and weights.
- Available with 12- or 24-volt DC motors, this steerable, walk-along coil mounter handles steel and wire coils as well as rolled products like paper or plastic.
- Standard features include batteries and built-in chargers.

RAIL MOUNTED COIL MOUNTER



Rail mounted coil cars can handle a full range of coil sizes and weights. This multi-function machine will:

- Accept palletized or unpalletized eye-to-the-sky coils.
- Tip them 90 degrees to eye horizontal.
- Lift the coil to align the eye with the mandrel.
- Drive forward on the track to mount the coil.

Slit coils can be removed by reversing this procedure.

TOWABLE MOLD CART



This five-ton capacity, towable mold cart has a hydraulically powered mold transfer deck.