



AGV

Automatic Guided Vehicles

Heavy Load
Material Handling

Guided Vehicle Solutions for Specialized Transport Challenges



DAIFUKU WEBB



JERVIS B. WEBB COMPANY

Webb designs, engineers and manufactures specialized heavy payload automatic guided vehicles for a wide variety of industrial applications.

Webb's heavy payload AGVs are built specifically for applications where standard vehicle designs will not meet the requirements of heavy-duty material movement. Vehicles can be designed to automatically pick up and deliver a wide variety of material or products at various locations to help further automate your facility.

HEAVY PAYLOADS

Our AGVs transfer and move heavy payloads up to 65 tons both indoors and out. We specialize in providing low-cost, high-capacity AGV systems requiring dozens of vehicles or as few as one or two for the horizontal, floor-level movement of heavy material such as parent rolls of paper or coils of steel or aluminum. Webb also moves dies, ingots, casks, oversized containers, fixtures or pallets. Each vehicle is custom-designed to meet your needs.

CONTROL TECHNOLOGY

Webb utilizes industry-standard AGV technology from Danaher Motion, the world's largest purveyor of AGV technology, with over 5,000 vehicles in service. Webb provides a full range of guidance technology including, inertial guidance, laser guidance, magnetic tape and in-floor wire guidance. By offering all types of guidance technology, Webb ensures that our customers receive the best products for their applications.

COMPLETE SYSTEM RESPONSIBILITY

From initial concepts through system implementation, Webb provides all the necessary services to design, manufacture, and install an AGV system in your facility. Pre-shipment vehicle and system testing is performed by trained professionals for quick and easy integration into your facility. All support equipment, controls and communication can be engineered to meet your exact system specifications. As your needs change, system modifications or enhancements are easily incorporated into new system requirements.



One of a 7-vehicle 22-Ton Capacity AGV System in a Western U.S. Copper Refinery

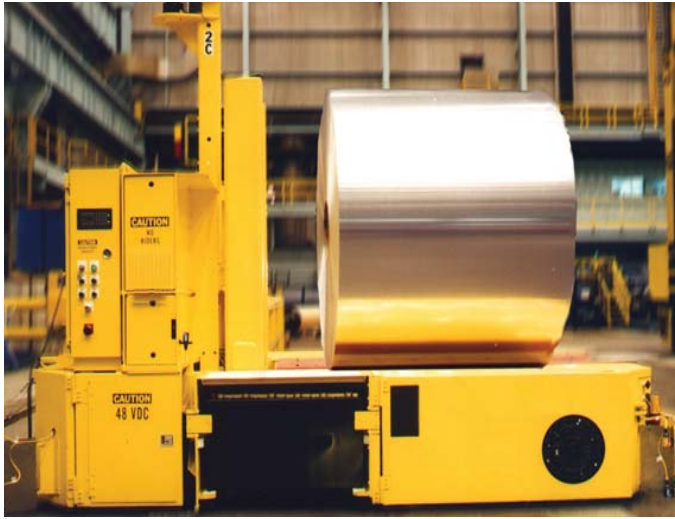


48-Ton Capacity Ultra Low Profile Vehicle Moves Earth Grader and Dump Truck Chassis Between Assembly Operations

CUSTOM ENGINEERED SOLUTIONS



50-Ton Capacity Vehicle Transports Steel Coils to Cantilevered Pick/Drop



Laser-guided, Coil Handling Vehicle at an Aluminum Processor in Oswego, NY



25-Ton Capacity, Laser-guided Outdoor Vehicle at a Bridge and Iron Work Facility in Houston, TX



AGV Transport for Robot Used to Paint/De-paint Aircraft



High-accuracy 30-Ton AGV Utilized at an Aircraft Manufacturer

FOR HEAVY LOAD TRANSPORT APPLICATIONS



25-Ton Capacity AGV for Jumbo Roll Handling in German Paper Mill



This AGV Delivers Aluminum Ingots to Storage Using a Vehicle Mounted Lift/Lower Deck

FIXED RAIL TRANSFER CARS FOR HEAVY PAYLOADS

In addition to automatic guided vehicle systems, Webb also designs, manufactures and installs traditional transfer cars to meet the most stringent handling requirements. By using a fixed rail in the floor, Webb transfer cars provide a cost-effective solution for moving materials in the plant.

Using a wide variety of deck, wheel and load handling configurations, our transfer cars are utilized to move products such as sheet steel, steel coils, paper rolls, cloth rolls, pallets, machinery, slabs, dies and assemblies. Capabilities range from under 2 tons to over 65 tons, with manual, remote/radio or automatic control available. Webb can also match the transfer car to your present in-plant rail system, eliminating the need for extensive changes to, or replacement of, your existing rail.

Our commitment to quality is evident in every vehicle we design and manufacture. From initial engineering to production and installation, we take the necessary steps to do it right the first time. Superior materials and workmanship combined with rigorous testing procedures assure each transfer car will provide years of reliable service.



Rail-guided Outdoor Coil Delivery System



30-Ton Capacity Jumbo Paper Roll Automated Transfer Car



60-Ton Capacity Automated Coil Handling Rail Car System



Rail-guided Vehicle Transports Automotive Dies

Put a Webb AGV or Rail Car System to work for you.

Webb's innovative solutions and commitment to quality have resulted in a long history of successful installations involving thousands of AGVs. Let us share our extensive experience and show you the best material handling solution for your needs.

DAIFUKU WEBB 
JERVIS B. WEBB COMPANY

34375 W. Twelve Mile Road
Farmington Hills, MI 48331 USA
(248) 553-1220 Fax: (248) 553-1228
info@daifukuwebb.com www.daifukuwebb.com