Daifuku’s Jervis B. Webb Company continues its 50-year tradition of leading the industry in Automatic Guided Vehicle technology with SmartCart Automatic Guided Cart Model 300TT. The Model 300TT SmartCart is the top-selling AGC offering ultimate flexibility, reliability and scalability at an affordable price.

FEATURES
Low Profile: Designed to “tunnel” under mobile racks and trailers to tow them from underneath. This keeps the footprint of the AGC with trailer to a minimum.

Safety: Safety laser scanners provide detection of operators and objects.

Affordable: Many applications can demonstrate Return on Investment in three months or less.

Simple: CartTools™ software provides a user friendly interface to implement/make changes. Non-invasive magnetic path and RFID transponder locations simplify deployment.

Industrial: Steel construction with powder coat and industrial enamel paint.

On-Floor: All equipment that needs to be installed to run your system can be installed on the floor, making the installation non-invasive and configurable. In-floor options are also available for ultimate durability.

Integration: If desired, standard radio communication options with Webb’s System Automation Manager™ (SAM) software can provide Traffic Control and Interface with Plant Control System.

Hands-Off: Automatic changing to allow 24/7 hands-off operation or manual charging that can run 6-16+ hours.

OPTIONAL FEATURES:
• Reverse Guidance
• 16-Track Laser Bumper
• Fast Automatic Charging
• Radio Communication
• Trailer Present Sensor
• Wheel Brushes
• Music Generator

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**CarrTools® Software – Simple, standardized toolbox of commands that make configurations a snap.**

**Environment**
- **Ambient Temperature:** 0 to 40°C, 25% to 95% non-condensing humidity
- **Dust/Water-proof:** No
- **Floor Space – Edge/Deflection:** ¼” abrupt change maximum, smooth
- **Expansion Joint:** 6” minimum
- **Grade Rating:** 0%
- **Hazard:** 1% and 5% variation in S or N
- **Floor Conductivity:** δ coefficient of friction between wheel and floor, minimum
- **Start Disrupt:** Less than 3.5% RMS
- **Radio Communication:** IEEE 802.11a/b/g, plus security encryption (if equipped)

**Detailed Specifications**
- **Available Wheel Loading:** From addl – 500 lbs, Rear addl – 1050 lbs each
- **Drive Type – Automatic:** Forward and Reverse (if equipped)
- **Drive Cycle:** 100% @ 80 lb de-decel (4010lbs)
- **Drive Torque – Wheel:** 1000 turning ft-lbs
- **Steering:** 24 VDC motor
- **Rack/Pinion:** 100lbs, spring wound (fail safe)
- **Cam Whells:** 6” diameter x 2” wide

**Reversing Guidelines**
- By just adding another guidance sensor and laser bumper, the 300TT can act as a shurte cart.

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**Pendant Control – When manual movement is required, it’s as simple as driving the AGC, where it needs to go. Wireless Bluetooths (optional)**

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**SmartSteer – CarrTools commanding of the AGC to intentionally leave the path. Allowing machinists like pivot turns and ignoring floor problems.**

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