Counterbalance 2500 (AGV)

Flexible transport, maneuverable power
Our counterbalance AGVs move your materials and transform your business.
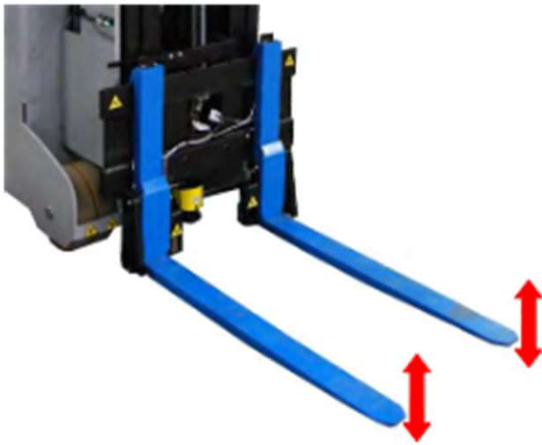
Vehicle Features

- Small footprint for greater maneuverability

- Flexible service to racking, conveyors, stands, etc.

- Capable of block stacking various load types

- Navigates tight spaces

- Interfaces with racks, conveyors, AS/RS, and other plant equipment

- Compatible with various fork attachments, such as double forks

Ideal for handling pallets, racks, and rolls, our counterbalance automatic guided vehicles (AGVs) excel in floor-to-floor transfers. However, they are not limited to floor operations and can interface with plant equipment, like racks, conveyors, and AS/RS. Our counterbalance vehicles also provide excellent versatility. The lift mast, mounted at the very end of the vehicle, keeps the AGV clear of loads and minimizes vehicle width. This allows the AGV to handle multiple load types without complications.
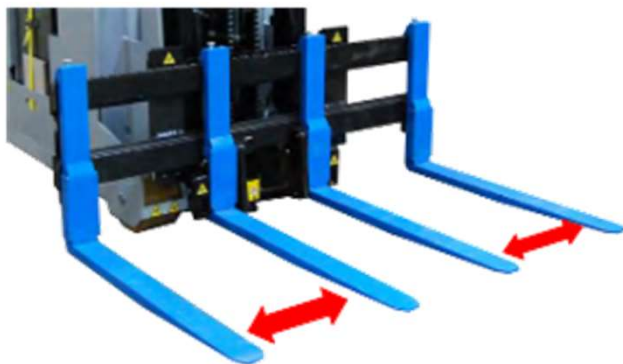
Vehicle Features

High-performance JBT laser navigation

Heavy-duty hydraulic mast

Turn signals and warning lights

Operator touchscreen (250mm) – in full color

Fork tip sensors (check for fork pocket & ensure load is fully on forks)

JBT SGV4000 controls for maximum flexibility and performance

Heavy-duty construction

Battery

Front charge shoe for battery

High-speed, low-maintenance AC drive unit

Programmable laser safety bumpers (front, rear, and sides)

AUTOMATED SYSTEMS

400 Highpoint Drive
Chalfont, PA 18914

Toll Free: +1 888 362 3628
Phone: +1 215 822 4600

Email: sgv.sales@jbtc.com
Website : jbtc.com

Hydraulic Lift
- Single or Multistage
- Slack Chain Protection
- Auto Height Calibration
- Multiple Attachments

Fork Tilt
- Hydraulic
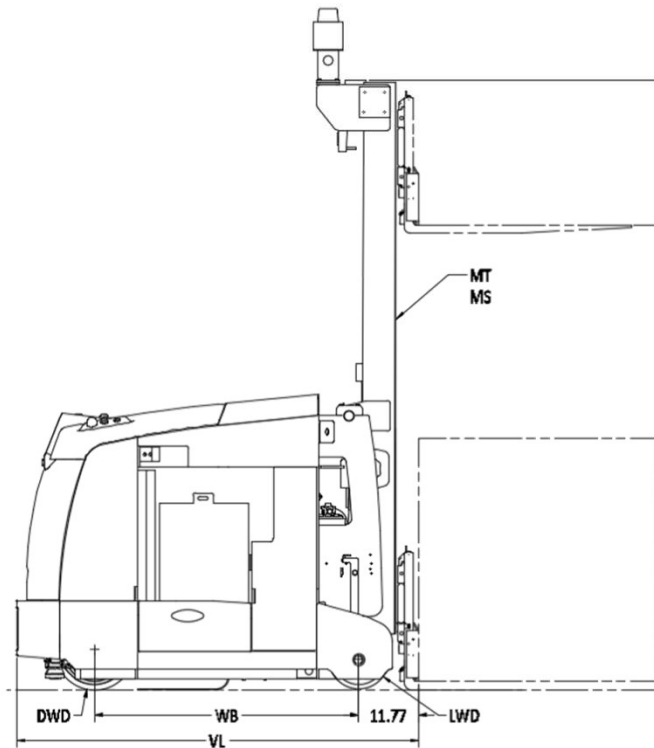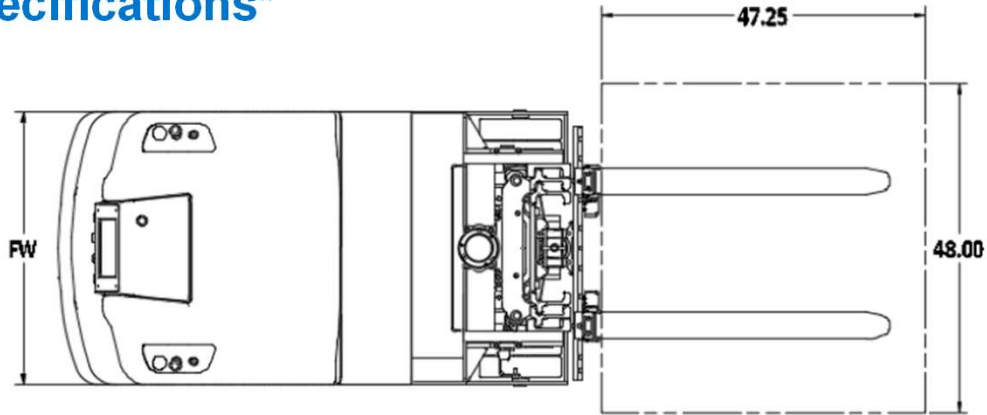- +4/-1 degrees
- Trailer Loading
- Pushback Racking

Multi Fork
- Four Fixed Forks
- Single Double-2 Forks become 4
- Double Load Stacking

Side Shift
- Hydraulic
- +/-8-inch Shift
- Auto calibration
- Trailer Loading

Vehicle Features
- Small footprint for greater maneuverability
- Flexible to service racking, conveyors, stands, block stacking, etc.

AUTOMATED SYSTEMS   400 Highpoint Drive
Chalfont, PA 18914

Toll Free: +1 888 362 3628
Phone: +1 215 822 4600

Email: sgv.sales@jbtc.com
Website : jbtc.com

Vehicle Specifications*

Drive	Electric	Brakes	Electromechanical	Lift Capacity	2500 Kg
Power Operating	48VDC	Lift Power	Hydraulic		*5,500 lbs.* Max.***
Power	Battery			Travel	Bi-Directional
Type Lithium Ion or Sealed Lead-Acid		Elevated Height	*up to 6 m / 236"*	Travel Speed 1.6 mps *315 FPM***	
Steering	Steer / Drive	Lift Speed	4"/ Sec.	Drive Wheel - 2500L 35 cm *13.5"* Dia	
Controls		Weight		2500 41 cm *16"* Dia	
Automatic:	Laser Guided	• W/Battery	8328 lbs	Two Rear Wheels:	
Manual:	Pendant Controller	• W/O Battery	5828 lbs	30cm *11.8"* Diameter x 10cm *4"*	
Safety Features (Standard) Flashing Lights, Emergency Stop Buttons, Obstacle Sensing Bumpers, Horn					

* Specifications subject to change   ** Variable speeds available   *** Load Size and Lift Height Dependent