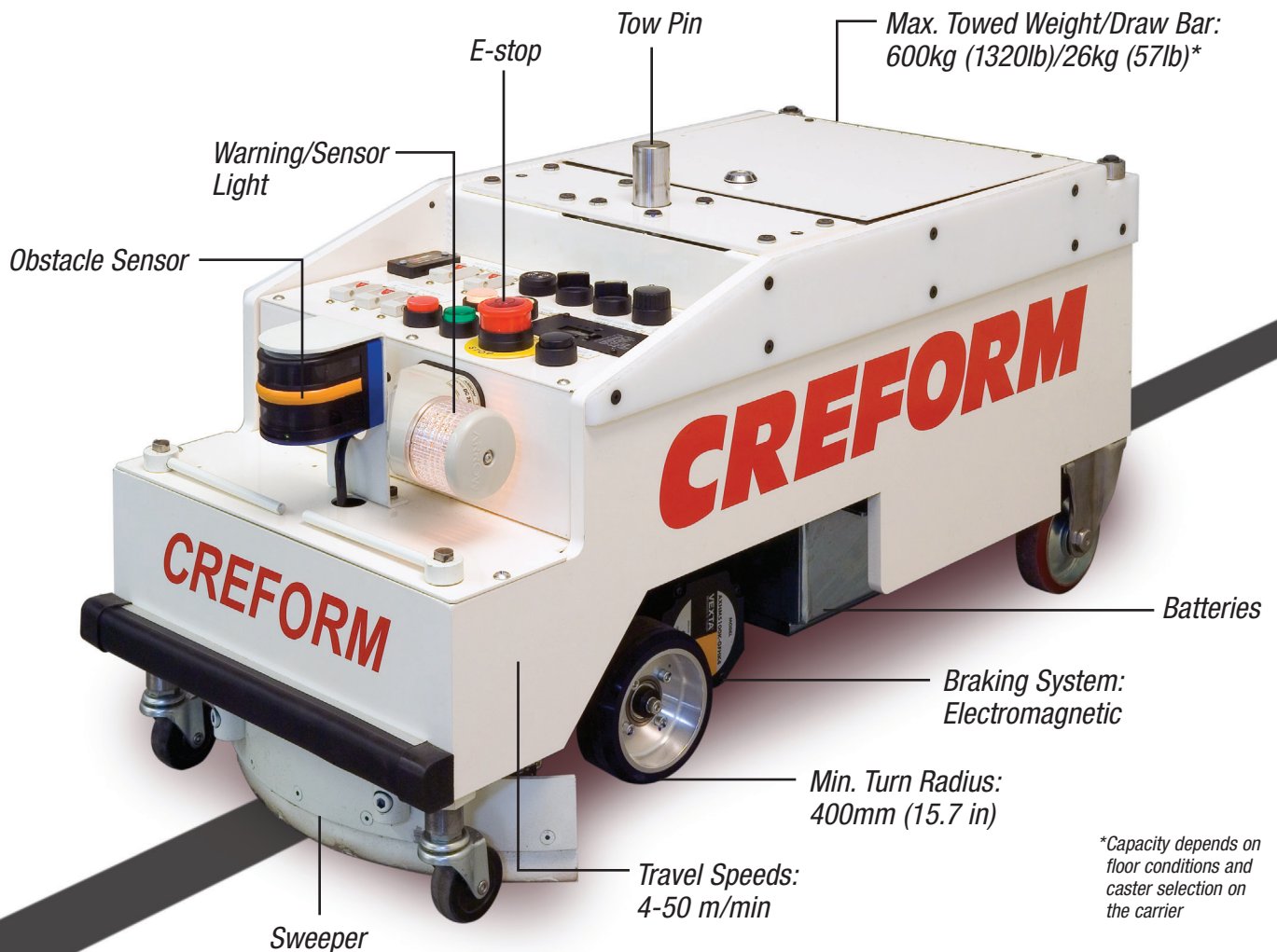


CREFORM TITE-SPACE BST AGV TUGGER



When the turns are tight and the aisles are narrow the Creform Tite-Space BST AGV Tugger can deliver carts where other AGVs are locked out. Like all Creform BST AGVs, the Tite-Space model slips under a stationary cart, engages it by extending the tow pin into a BST interface and heads off to deliver it. Whether the aisles are wide or narrow and whether the turns are wide or tight this AGV will manage them with ease. It's especially well suited for delivering to line-side assembly points when space is at a premium. It slips into tight spots and leaves just as easily. To disengage from a cart, the tow pin is retracted freeing the BST to travel to the next station.

A big advantage of any Creform BST is its ability to mobilize multiple carts with a single drive unit. An economical alternative to other delivery methods. And for larger operations a series of BST drive units can power an entire fleet of carts.

Ask about Creform's complete line of BST AGV's designed to fit just about any cart delivery application including those with existing tow type carts.

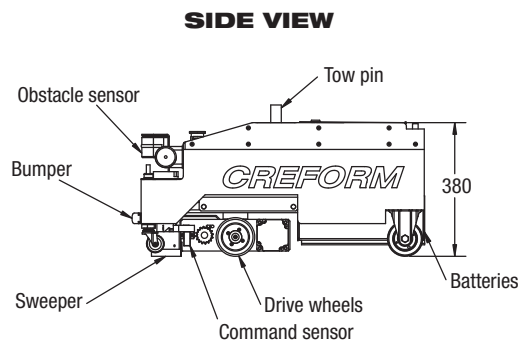
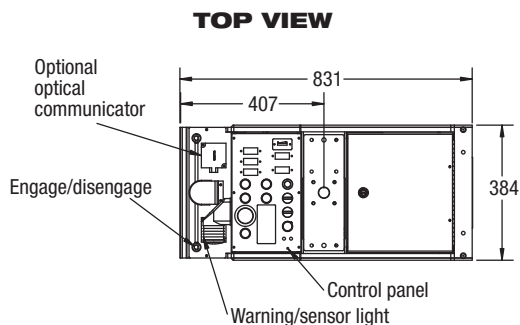
- Standard unit that's run ready.
- Safety — audible warning and flashing light, obstacle sensor, bumper switch and e-stop.
- 24 Volt Power — full shift run under capacity load typical.
- Battery tray cart for easy battery changing.
- Follows magnetic tape guideway.
- Embedded magnetic strips available for high-traffic areas.
- Command tapes initiate AGV functions such as speed changes, route selection and extend/retract tow pin.
- Options include: PLC, RF, RFID, optical communicator and battery tray cart.
- Service & Support: Programming, plus cart/structure designs, kitting or assembly assistance along with route layout installation available from Creform.

**Capacity depends on floor conditions and caster selection on the carrier*



CREFORM TITE-SPACE BST AGV TUGGER SPECIFICATIONS

Guidepath	50mm wide Creform magnetic tape
Direction/speeds	Forward only
	4-50m/min (13 to 164 ft/min)
Braking system	Electromagnetic, dynamic and parking brake
Minimum turning radius	400mm R (15.7" R) - 180° turn
Power supply	24V DC (two 12V batteries)
Control method	Magnetic command tapes
Floor condition	Surface roughness 7mm or less between min. & max. height slope 1% or less; step 3mm or less; trough 10mm or less
Usage conditions	Indoor only; 0-40°C, 32-104°F; 30 to 80% humidity - no dew formation
Safety devices	Audible warning, non-contact obstacle sensor, flashing light, e-stop and bumper
Protective circuits	Over current prevention on motor (protect with motor driver) Over current protection on power source (15A breaker)
Draw bar/load capacity	26kg (57lb)/600kg (1320lb) - includes cart plus AGV
Tow pin	30mm shaft OD/approximately 50mm vertical stroke
Unit weight/with batteries	74kg (163lb)/96kg (212lb)



Creform line-side gravity flow racks are easily sized to specific needs.



Creform carts can be built to safely handle sequenced large parts.



A single BST AGV can manage an entire fleet of sequenced parts carts.

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