

# Inge**NEW**ity On Wheels!

## Ergo-One<sup>®</sup> PlusPower<sup>™</sup> Tug

Designed to reduce injuries associated with repetitive pushing and pulling of heavily laden carts, the Lakeside Ergo-One PlusPower Tug is an ergonomically-designed, motorized tow vehicle. Use it to pull a variety of single or multiple carts in a safe and efficient manner with very little effort from the operator. Lakeside's Tug has applications throughout material handling environments and can pull virtually any piece of mobile equipment when used with available hitches and adjustable hitch receiver tubes.

### Features:

- 24-Volt DC Transaxle Drive
- 24-Volt DC Lift Motor/Actuator (IP-66 rated)
- Non-Marking, Flat-Free Tires
- 22 Amp/Hr AGM or Sealed Lead Acid Batteries – Qty-2
- Quick-change battery system
- Self-diagnostics-enabled, 125-amp controller
- User interface hand controller (horn, key switch, lift button, throttle, 2-speed switch)
- Small footprint (less than 16" D x 24" W x 45" H)
- Built-in battery with charge indicator
- ABS shroud
- Travel wheel for use when transporting without a load (cart)
- "Rain Proof" (IP-54 rating)



Pin configuration hitch docking for use on many carts (see other side)



8162

### ERGO-ONE<sup>®</sup> PLUSPOWER<sup>™</sup> TUGS

MODEL	MAX. TOW LOAD	OVERALL SIZE			WHEELS TYPE/DIA.	CASE WEIGHT		CASE CUBE	
		W	L	H		LBS.	(KG)	CU FT	(M3)
8162	1,500 lbs.	24" (610)	18.72" 475.5	41.59" 1,056.4	Flat-Free, Non-Marking/8.75"	150	(68)	21	(.59)

Measurements in ( ) denote metric millimeters, unless otherwise specified.

- > Food Service
- > Healthcare
- > Material Handling

- > Modular Food Stations
- > Self-Washing Floors



Ingenuity On Wheels<sup>™</sup>

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### HITCH RECEIVER TUBES

**Welded Receiver Tube** – Heavy-duty, permanent design incorporated into your new Lakeside cart during production. Must be ordered in conjunction with new Lakeside cart at time of cart order. Accepts the available male and female hitch ends below.

**PermAdhere Receiver Tube** – Convenient design option for light duty carts. Factory installed on new Lakeside carts or field retro-fitted on your existing carts. Utilizes a high-bonding acrylic foam tape to install the hitch tube to the cart. For use only on light duty carts with continuous flat bottoms. The Receiver Tubes are cut to length with ears welded to accommodate the cart bottom's mounting surface. A detailed drawing of your cart's bottom must accompany your order when ordering for an existing cart. Works with the male and female hitch ends below.

MODEL	DESCRIPTION
4757*	PermAdhere Receiver Tube

\*specify tube length desired

**Clamp-On Adjustable Tube** – An almost universal tube-style hitch design. Clamps to two sides of a cart while running across the cart's underside. Three telescopic tube designs adjust to work with carts 26" to 41" long; 40" to 55" long; and 56" to 76" long. Works with male and female hitch ends listed below.

MODEL	SIZE	ADJUSTABLE LENGTH
4751	Small Adjustable Clamp-On Hitch	26" - 41"
4752	Medium Adjustable Clamp-On Hitch	40" - 55"
4753	Large Adjustable Clamp-On Hitch	56" - 76"

### MALE HITCH ENDS

Used to tow the cart. Tow pin features a safety latch to prevent hitch connection from vibrating loose. Requires one of the Lakeside Hitch Receiver Tubes listed above.

MODEL	FITS CARTS	CASE WEIGHT LBS. (KG)
4750	5" or 6" casters	4 (1.8)
4755	6" or 8" casters	4 (1.8)

### FEMALE HITCH END

Used to tow an additional cart behind a towed cart. Works on carts with 5" to 8" casters. Fits over tow pin on Male Hitch End. Requires one of the Lakeside Hitch Receiver Tubes listed above.

MODEL	FITS CARTS	CASE WEIGHT LBS. (KG)
4754	5" or 8" casters	6 (2.7)



PermAdhere Receiver Tube  
4757



Clamp-On Adjustable  
Receiver Tube  
4752



Male Hitch  
4750



Male Hitch  
4755



Female Hitch  
4754

**For durability, dependability  
and innovation, look to Lakeside!**

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