

LIFTLINER® TOW TRACTOR TRAIN



< 3 SECONDS

Time to lift loads
up to 2200 lbs.

TRANSPORT GOODS WITH GREATER
AGILITY, FLEXIBILITY, AND EFFICIENCY.

Ideal for streamlining an array of logistics applications, the K. Hartwall LiftLiner is the most innovative and compact Tow Tractor Train on the market.

Designed for exceptional maneuverability, flexibility, and stability, LiftLiner Tow Tractor Train makes it easier to navigate tight aisles and turns, and allows a single operator to comfortably and confidently handle loads up to 2200 lbs*.



BENEFITS

- + Faster, more efficient transport of goods and parts
- + Easy, ergonomic, one-man operation
- + Lower operating costs than multiple traditional forklift transports
- + Minimized product and packaging damage
- + Reduced energy consumption and costs

IDEAL APPLICATIONS

- + Retail
- + E-commerce
- + Warehousing
- + Manufacturing
- + Automotive
- + Postal & Parcel
- + DIY



FLEXIBILITY

Compatible with a wide range of cart types to efficiently and simultaneously handle loads of all shapes and sizes.



ACCESSIBILITY

Carts can be loaded and unloaded from either side, allowing you to create the fastest, most efficient routes through your facility.



MANEUVERABILITY

Crossbar coupling system allows sharper turns and superior cornering.



SIMPLICITY

Unique tilting technology makes it easier for operators to load and unload even heavy loads.

* 2200lbs (1000kg) is capacity per load bay.

If you're looking for a partner with the tools and experience to help you run better and manage smarter, contact us today at 1-800-235-7200 or visit us at raymondcorp.com.

RAYMOND

TAKE THE TRAIN TO GREATER EFFICIENCY

With its compact design, superior handling, and access from either side, the LiftLiner Tow Tractor Train can help warehousing and production line operations save valuable time, money, and space. Rugged and agile, the low-maintenance, all-electric LiftLiner can reduce traffic in your facility while enhancing efficiency and productivity.



MORE EFFICIENT USE OF LABOR

Designed for easy, ergonomic, one-man operation, LiftLiner Tow Tractor Train can help overcome today's warehouse labor shortages. It can also be towed by an Automated Guided Vehicle—like the Raymond Courier—and features programmable software that allows you to customize and automate loading and unloading functions.

GREATER WORKPLACE SECURITY

LiftLiner's patented steering system and reliable tracking enhances the operator's ability to focus on operational tasks.

HIGH GROUND CLEARANCE, LOW NOISE

LiftLiner Tow Tractor Train features a high ground clearance to smoothly traverse ramps, thresholds, and other uneven surfaces. Low-noise wheels create a more comfortable, user-friendly working environment.

TECHNICAL SPECIFICATIONS

Dimensions of the Daughter Carts: 32" x 30" 48" x 40" 48" x 45" *(can also accommodate larger footprints with extended coupling)*

CART TYPES

Totes	Bulk containers	Maximum train speed	
Folding and wheeled roll cages	Shelf wagons	1 LiftLiner load bays	10 mph
Extended-length packaging		2 LiftLiner load bays	6 mph
		3 or 4 LiftLiner load bays	5 mph
		(most common combination)	
Max load per Daughter Cart/loading bay	2200 lbs.	Power source: Power drawn from forklift battery	
Tare weight (LiftLiner pair)	880 lbs.		
Wheel material	Polyurethane	U-turn aisle width (with 3 pairs)	177.5"
Wheel size	8"	Ground clearance	0/2.4"
Height lowered/lifted	11.5"/13.75"	Maximum slope	10%
Lifting range	2.4"	Maximum length of train	8 load bays
Overall length (per pair, standard coupling)	133"	Coupling system	Crossbar
Overall width	47"	IP65-rated electrical components	Suitable for short-term use in wet indoor or outdoor environments
Maximum Tow Tractor Train load	13,200 lbs.*		

Capacity assumes a 6 load-bay tow-train system, and a Tugger that can pull this capacity.

Maximum speed and slope traversed can be effected by the particular tow tractor used.

Maximum train load is limited by towing capacity of tugger utilized. The towing capacity of tugger utilized may be less. See the specification plate of tugger utilized for its towing capacity.

Please visit www.raymondcorp.com for more information, or contact your local representative for all your sales and service needs.