



"Rollerbed Systems' capabilities will meet or exceed your requirements."

T-Bar Vehicle Off-Loading System



The Rollerbed Systems T-Bar Off-Loader is a vehicle mounted off-loading system aimed at those users carrying palletized loads such as empty food or beverage cans, glass bottles or finished products. The system is mounted flush within the floor of the trailer to maintain continuity with standard loading docks. The single chain drive unit is mounted centrally at the front bulkhead to provide a direct inline pull on the load.



Bulkhead mounted chain drive unit

The Rollerbed Systems T-Bar Off-Loader is simple in design to increase reliability and reduce maintenance costs. The Off-Loader has substantially fewer moving parts and fewer directional changes of the drive chain than other systems. In high volume loading applications, vehicles equipped with a Rollerbed Systems T-Bar Off-Loader and a suitable roller equipped dock, a typical 53' trailer can be off loaded in approximately 90 seconds. Even without an automated dock-mounted conveyor, off-loading times are dramatically reduced by using The Rollerbed Systems T-Bar. This system is an ideal application for "Just In Time"-(JIT) production line operations.

Automated vehicle off-loading using the Rollerbed Systems T-Bar provides

better vehicle and manpower utilization resulting in daily cost savings in manpower, increased productivity and personnel safety.



T-Bar Pusher assembly

Maximize your efficiency and productivity with a Rollerbed Systems T-Bar Off-Loader

**Our products are Manufactured, Distributed, Serviced and Warranted by
Rollerbed Systems, LLC. West Wyoming, PA - USA.**

Features and Benefits

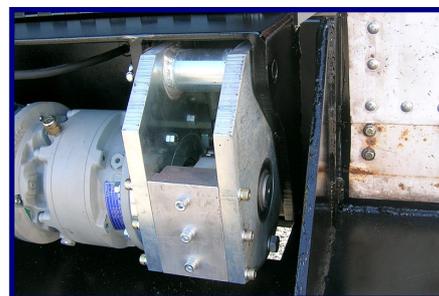
- The T-Bar off-loader can discharge 60,000 lbs of palletized goods onto a suitable dock in about 90 seconds.
- Single lane of 3/4" duplex for extra reliability, strength and pulling power.
- Fewer moving parts than similar in-vehicle unloading systems.
- High level, bulkhead mounted drive unit, installation is lighter, simpler and does not require vehicle chassis modification.
- Can be used in various configurations with pneumatically raised rollers to suit different pallet sizes and orientation.
- Made and certified to ISO 9001 standards.
- Robust 3.0 Hp Motor as standard or 5.0 Hp for heavy duty applications.
- The electronic control systems features an inverter to prevent the system from being overloaded.
- Heavy duty 6105-T5 aluminum extruded main channels.
- Electronic motor starter and inverter for soft start and stop, with variable speed control.
- Controls and power cables located in corrosion resistant Stainless Steel boxes for longer life and system reliability.
- Fully enclosed drive unit preventing the ingress of road dirt and debris eliminating corrosion and maintenance problems.
- Can be supplied with Labyrinth roller track to protect the lifting airbag from damage from pallet and load debris or shards.
- The T-Bar Off-Loader system comes with a 2-year warranty.

Rollerbed Systems, LLC maintains a comprehensive parts inventory.
In most cases, parts can be shipped within 24 hours.

The Rollerbed Systems' T-Bar Off-Loader system can off-load a 53' trailer incrementally by moving the load to the rear of the trailer two pallets at a time or can be used to discharge the whole load as one unit. Customer choice dictates the means of operation, the simplest using a hand held pendant on a 20 foot cable. When greater control and sight of the load is needed an infra-red remote control can be specified allowing greater freedom of



movement for the operator. Whatever method of control is chosen the load can be removed from the trailer in 90 seconds allowing the vehicle to return to it's intended purpose of maximizing the operation of moving products. Our T-Bar Off-Loader is the simplest system available, it has been designed with reliability and simplicity in mind, the only routine maintenance necessary is limited to the removal of debris and periodic checking of chain tension. Our system reduces your manpower needs and reduces damage to equipment and products by eliminating fork lift intervention. The trailer can become an integral part of your automated product handling and management system.



Our focus at Rollerbed Systems, LLC is to offer quality products and systems that are reliable and of the highest standards; we do this by providing our customers with unparalleled Engineering, Manufacturing and Service.

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