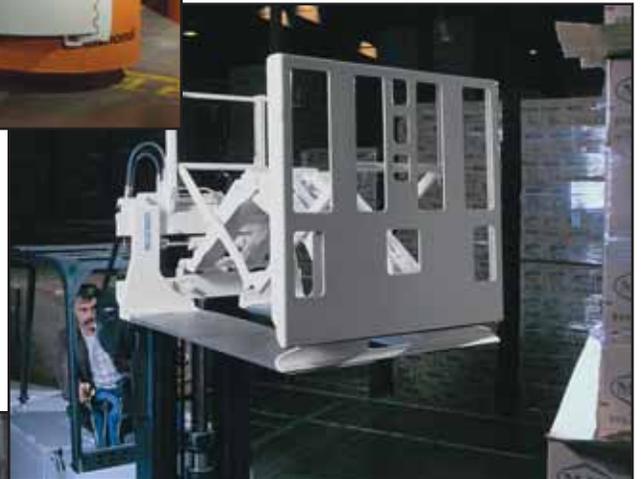




*Lift Truck Attachments, Forks and Accessories*



**D**uring the past 65 years, the field of materials handling has developed into a highly sophisticated and important part of industry. As the global leader in lift truck attachments, forks and accessories, Cascade Corporation has played an important part in this growth and development.

Cascade manufactures a variety of products that enable the conventional lift truck to become a more versatile and efficient materials handling tool. These products enable a lift truck to pull, push, clamp, lift, sideshift and rotate practically any unit load imaginable. If you don't see what you're looking for, call us at 800 CASCADE (227-2233) or go to [www.cascorp.com](http://www.cascorp.com).

## Sideshifters

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Shift a load from side to side for reduced handling time and improved maneuverability. All F-Series Sideshifters are now Revolution ready, meaning that with just nine bolts and a low cost, easy to install kit, you're minutes away from converting your Sideshifter to a Fork Positioner.



## Fork Positioners

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Fast and accurate fork positioning without leaving the driver's seat allows faster load handling with reduced product damage. A Cascade fork positioner improves operator safety, increases productivity and helps reduce damage.



## Integral Carriages

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Provide greater net capacity due to reduced effective thickness. Available as Sideshifters, fork positioners and sideshifting fork positioners.



## Paper Roll Clamps

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Meeting the paper roll industry's need for damage free roll handling with maximum efficiency, Cascade offers a full line of paper roll clamps and roll clamp damage reduction options to handle paper rolls regardless of diameter, weight or type of paper.



## Push/Pulls

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Allow you to ship, receive and warehouse unit loads on inexpensive slip sheets rather than pallets. Products typically handled with a push/pull include bagged products such as seed, agricultural products and cement; cased food, electronics, cosmetics and bottled beverages.



## Carton Clamps

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Designed for the warehousing, beverage, appliance and electronics industries, carton clamps allow palletless handling, and save money on pallet purchasing, maintenance, shipping and storage. Also improve warehouse space utilization.



## Rotators

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Add 360° revolving motion, in both directions, to truck forks. Used in food processing and manufacturing for load inverting and dumping loads.



## Single-Double Pallet Handler

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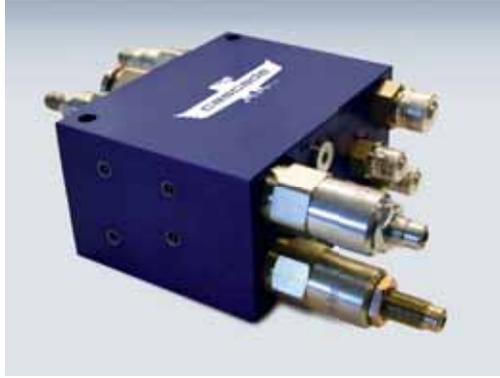
Allows driver to use the same lift truck to handle either single or double pallet loads. Spreading the four forks allows handling of two pallets side by side. When brought together, the four forks convert to two forks ready for single pallet handling. Well suited for truck trailer loading and unloading. Also available are Single-Double-Triple Pallet Handlers, Long Forks, and High-Capacity models.



## Damage Reduction Options

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Cascade offers a full range of damage reduction options and accessories. Solutions range from fully automated clamp force control systems to simple pressure relief valves. We offer everything you need to assure your product arrives damage-free.



## Fork Clamps

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Operate both as a clamp and a fork positioner. Awkward loads, such as crates, bales & tires can be clamped between the forks. The ability to position the forks speeds pallet handling and reduces wear and tear on the pallets.



## Bale Clamps

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Palletless handling of nearly any type of baled product such as cotton, wool, synthetic textile bales, corrugated, newsprint, rag, hay and metal scrap bales translates into savings in time and storage costs.



## Turnaload™

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A dual purpose attachment for both clamp and pallet handling. Useful in shipping, receiving and order picking operations requiring both palletless handling of boxes, crates and cartons, as well as palletized loads and scrap bales.



## Layer Picker

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When building mixed load pallets, the Cascade Layer Picker handles single layers or multiple layers of canned, bottled and boxed products. 5 models include a Swing Model, Mono-Mast Swing Model, Stationary Side and Carriage Mount Models and a Fork Mount Model. Cascade's Swing Models offer a 180° swing to enable picking from both sides of the truck.



## Mobile Weighing

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Cascade Ravas' unique and innovative mobile weighing solutions let you weigh your product as you move it. The wireless display uses Bluetooth® technology enabling you to view and track the weight of individual loads, total weight of multiple loads and number of individual units within a load. Common uses for mobile weighing are; incoming goods control, overload prevention, dosing, filling, waste management, order picking and inventory control.



## Forward Bin Dumper

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Designed to provide the agricultural, food processing, and manufacturing markets an efficient and economical means of handling and dumping bins. It can easily accommodate various bin heights by manually adjusting the top bin stops.



## Tire Handler

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Designed for the mining and earth moving industries and may be used in any application requiring the need to handle earth moving tires. The Cascade Tire Handler allows you to safely handle OTR tires weighing up to 34,200 lbs. (15.6 metric tons)



## Custom Products

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Cascade's wide product range consists of a variety of attachments to meet any material handling challenge. We will work closely with you to design the perfect solution for your application. If you don't see what you're looking for, give us a call.



## Stationary Load Inverter

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A reliable, economical and efficient means of inverting loads. Allows transfer of product to pallet or slipsheet, freezer spacer removal, damaged pallet exchange or damaged carton replacement. Also provides system for damaged product recovery from bottom of stack.



## Hydraulic & Electrical Systems

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Cascade offers a number of different hydraulic supply choices to accommodate various hose or cable sizes, types and lengths. Cascade's THINLINE™ Hose Reel offers the thinnest mounting profile available.

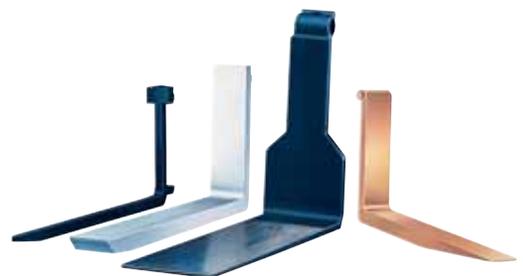
Radio Frequency Hydraulic Control provides a simple, cost effective means to position the forks on K-Series Fork Positioners and the platens on a Mark 55 Push/Pull. Permits the use of a single auxiliary valve to control an additional hydraulic function.



## Forks

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Cascade makes forks for lift trucks of all makes, models and sizes—at a price that helps keep you competitive. Our comprehensive product line includes a full range of fork products for a wide cross section of industrial and commercial applications.



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Cascade Corporation • PO Box 20187 • Portland, OR 97294-0187 • USA • 800 CASCADE (227.2233) • Tel 503.669.6257 • Fax 800.693.3768 • Fax 503.669.6367  
Cascade Canada Ltd. • 5570 Timberlea Blvd. • Mississauga, Ontario L4W 4M6 • Canada • 800.380.2272 • Tel 905.629.7777 • Fax 905.629.7785

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corporation  
[www.cascorp.com](http://www.cascorp.com)