

ATTACHMENTS

A Full Lineup of Variations to Accommodate Your Special Application Needs

Type of Industry	Attachment	SIDE SHIFT FORK	HINGED FORK	FULL ROTATING FORK	HYDRAULIC FORK SHIFTER	FULL ROTATING PAPER ROLL CLAMP	BALE CLAMP	FULL ROTATING GRAB FORK CLAMP	FULL ROTATING PALLET FORK CLAMP	SIDE SHIFTING DRUM CLAMP	SIDE SHIFTING BLOCK CLAMP	CARTON CLAMP	LOAD STABILIZER	CRANE ARM
Transport/Warehouse		●			●	●	●	●				●	●	●
Paper/Pulp		●			●	●	●	●					●	
Food Products/Bottling		●	●	●								●	●	
Fishery/Cold Storage		●	●	●										
Lumber		●	●	●										●
Construction / Civil Engineering		●	●	●						●				●
Machinery / Automobile		●		●										●
Cement / Stone industry		●	●	●						●				
Mining / Metal industry		●	●	●	●		●	●						●
Chemical		●							●		●	●		
Livestock		●	●	●		●		●						
Textile		●				●	●	●						



SIDE SHIFT FORK

E62 Integral Type
 E6, E61, E911 Bar Type
 E3 Shaft Type

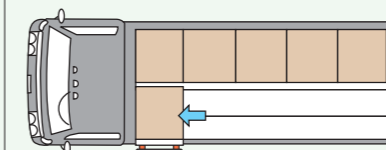
Forks can be shifted from side to side.



Applications

Loads can be shifted laterally without changing the position of the forklift. Helps speedy operation in narrow-space.

Smooth and Precise Load Positioning



Allows efficient use of truck bed space.

Convenient Shift Position Indicator



Loads shifted to the left



Loads shifted to the right



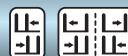


HYDRAULIC FORK SHIFTER

SS



A35,A351 Cylinder Type



E3A35,EA35,E4A351 with Side Shifting



A31 Manual Type

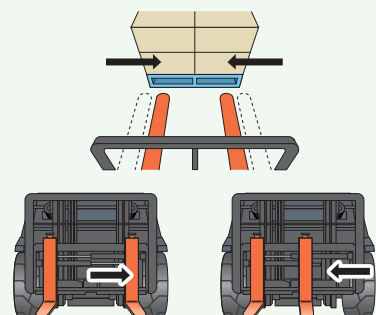
Fork position is controlled by control lever in operator's compartment.



Applications

Recommended for locations that have a variety of pallet widths. Its side shift function provides effective utilization of limited storage space.

Handles a Wide Range of Pallet Widths



Forks are moved hydraulically to match the width of the pallet. No need for the operator to leave the forklift to adjust fork width.

Excellent Forward Visibility



Shift cylinders have been positioned to enable clear forward visibility.



FULL ROTATING PAPER ROLL CLAMP



U61C671 Detachable Type with Single Swing Arm

U71C671 Integral Type with Single Swing Arm



U61C681 Detachable Type with Double Swing Arm

U71C681 Integral Type with Double Swing Arm

Clamps large rolls of paper and rotates 360 degrees.

Applications

Specially designed for handling rolls of paper or other large cylindrical objects.



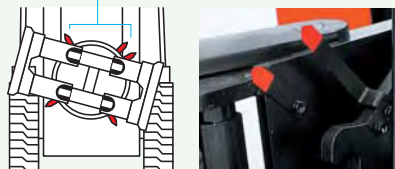
Securely Holds a Paper Roll



Convenient Rotation Indicator

Rotation Indicator

Operator can easily confirm that loads are level by using the convenient indicator.



BALE CLAMP

SS

FR



C241
C242



EC242 with Side Shifting



U61C242 with Full Rotating

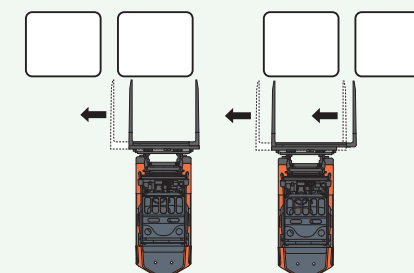
Clamps load directly from both sides, eliminating the need for a pallet.

Applications

Ideal for handling baled loads, such as cotton or straw. Its side shift function provides effective utilization of limited storage space.



Clamp Arms Operate Independently (C241/C242)



Specially Designed Clamp Arms

The clamp arms are made of rigid yet thin steel plates. They are easy to insert, yet have the strength for handling heavy loads.



Clean Slide System (C242,EC242,U61C242)

Internal sliding rail design helps keep grease from coming in contact with loads.



FULL ROTATING GRAB FORK CLAMP



U61C281 with Full Rotating

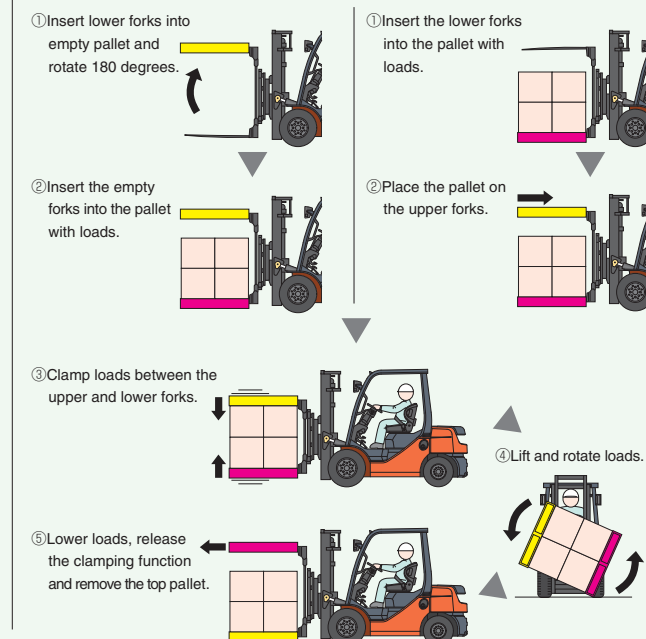
Two sets of forks can rotate 360 degrees. Perfect for swapping pallets.



Applications

Use for swapping pallets as well as for stabilizing loads for transport. Can be used as conventional forks as well.

Simple Pallet Swapping



FULL ROTATING PALLET FORK CLAMP

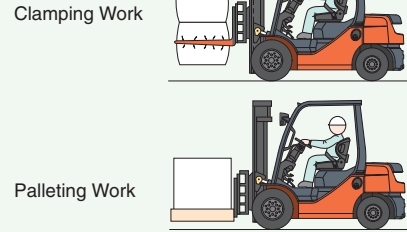
U61C291 with Full Rotating

Forks move laterally to provide width adjustment or clamping function.

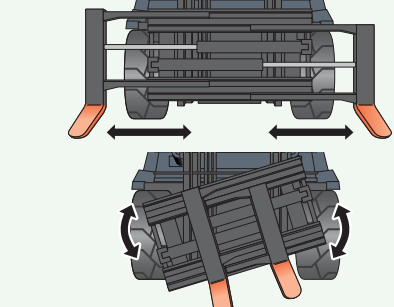


Applications
Can be used as a clamping fork to handle large bulky items like bales of cotton. Can rotate loads in box pallets. Can also be used as adjustable forks for handling pallets of varying sizes.

Performs Both Clamping and Regular Pallet Handling Functions



Lateral Forks Movement and Rotating Function



Unitized clamp arm design provides durability.

CARTON CLAMP

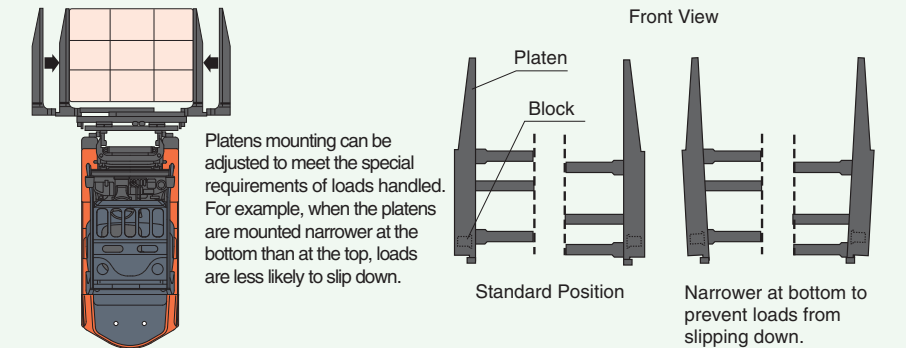
C511 EC511 with Side Shifting

Large arms securely clamp cartons for transport.



Applications
Enables fast handling of lightweight yet bulky loads, especially those in cartons or wooden crates. Its side shift function provides effective utilization of limited storage space.

Rubber-Padded Platens Securely Clamps Load



Platens mounting can be adjusted to meet the special requirements of loads handled. For example, when the platens are mounted narrower at the bottom than at the top, loads are less likely to slip down.

SIDE SHIFTING DRUM CLAMP

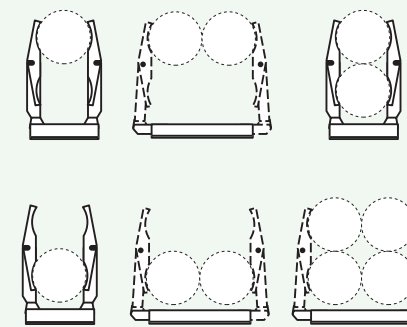
EC341 with Side Shifting

Securely clamps drums for sure and fast handling.

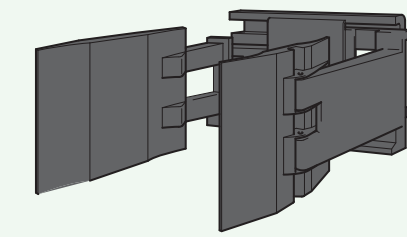


Applications
Can clamp from one, two or four drums at a time. Its side shift function provides effective utilization of limited storage space.

Drum Handling Method



Strong-yet-Thin Arm Provides Rigidity and Easy Operation



LOAD STABILIZER

L1 E61L1 with Side Shifting

Upper retainer helps hold unstable loads in place for transport.



Applications
For stably transporting cases of bottles or lightweight but bulky cartons on uneven surfaces. Its side shift function provides effective utilization of limited storage space.

Stabilizes Loads to Help Prevent Spills



Select Retainer Arm Pad to Match the Type of Loads Being Handled

Several types of retainer arm pads are available to meet your load handling needs.

- ① **Natural Rubber Pads**
Best suited for holding stacked loads with a relatively even top surface.
- ② **Sponge Rubber Pads**
The 40 mm sponge rubber pads can stabilize stacked loads with a relatively uneven top surface.
- ③ **No Rubber**
Works best on fixed-size loads with an even top surface, such as a stack of cartons or cases.

SIDE SHIFTING BLOCK CLAMP

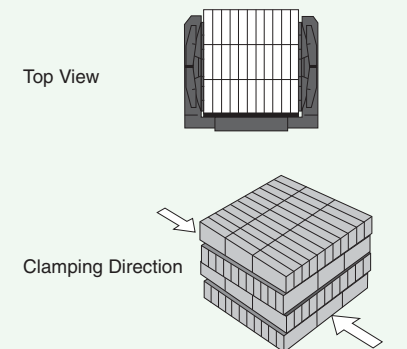
EC41 with Side Shifting

Clamps and transports a stack of blocks without a pallet.

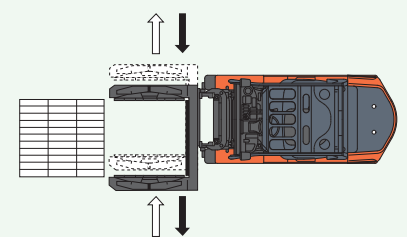


Applications
Allows blocks to be handled smoothly and precisely without a pallet. Its side shift function provides effective utilization of limited storage space.

Fast and Sure Handling of Blocks



Side Shift Function Enhances Operability



CRANE ARM

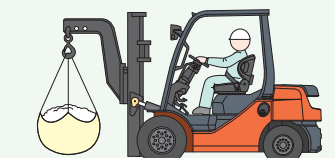
K3

A quick solution for suspended loads.



Applications
Wire or chain rigging can be used for handling a variety of large, bulky items that cannot be easily handled with conventional forks.

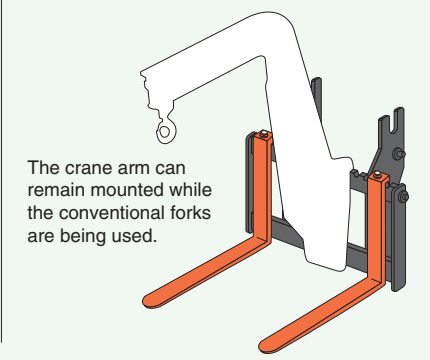
Perfect for Suspended Loads



Adjustable Hook Position



Can Be Mounted with Standard Forks



The crane arm can remain mounted while the conventional forks are being used.