

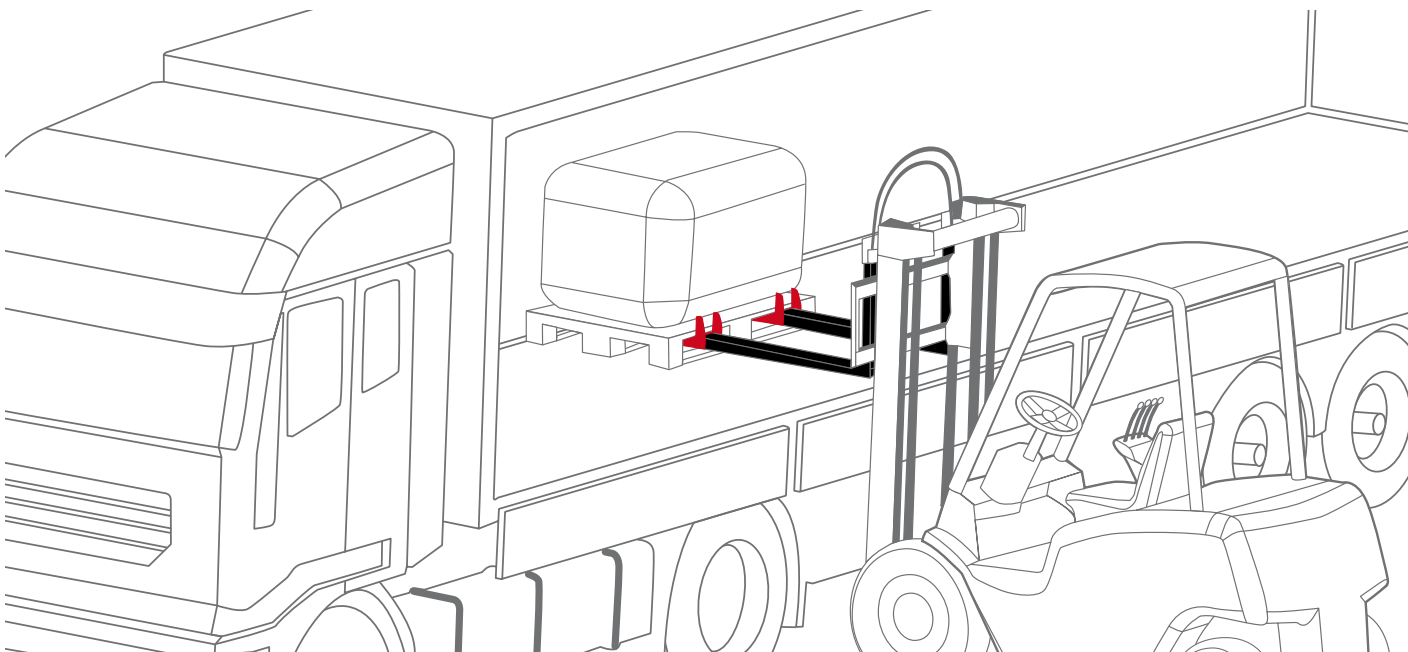
Reach Forks

Models RS / RD



Reach your goals

Increase productivity and save money



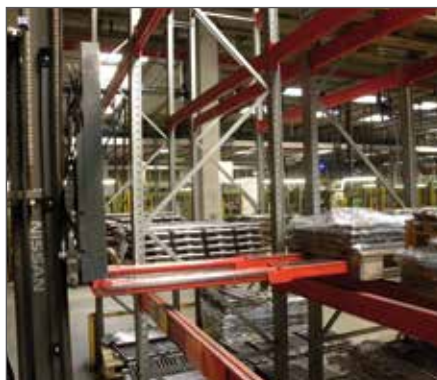
Applications

The Bolzoni Auramo Reach Forks provide an effective time-saving and space optimization solution to all companies operating in logistics centers, food and beverage industries, manufacturing industries, cold stores, storage of goods on multiple pallets and in transport of goods in general.

Reach Forks are suitable for all types of new and existing lift trucks. Their use in combination with fork positioners increases the application range.



Trucks and trains can be loaded and unloaded from one side: reduction in turnaround space with increase of storage space, saving in time, saving in fuel/battery consumption, manoeuvring reduction with safety improvement.



Double-deep stacking: increase of storage volumes and remarkable space saving, particularly when combining the Bolzoni Auramo Reach Forks with a reach truck able to work in narrow aisles.



Pallet handling safe handling of a variety of pallets with different sizes without damages to pallets or goods.

Features

Smoothness and damage-free handling

- Friction has been reduced to a minimum by the use of replaceable sliding pads in special nylon material mounted on the tip of the fixed fork.
- Outer fork with rounded edges.

Strength and longer lifetime

- Strong structure thanks to a single cylinder fitted in the fixed element.
- Chromed cylinder rod with reinforced bolt-on head.
- Drilled and polished cylinder chamber in the fork.
- Outer forks reinforced with a bottom 6 mm Hardox plate.
- Fixed fork with reinforced heel.
- Main components included in the forks avoiding risk of damage.

Easy-to-service

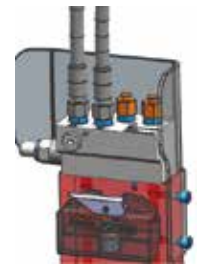
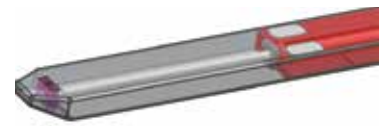
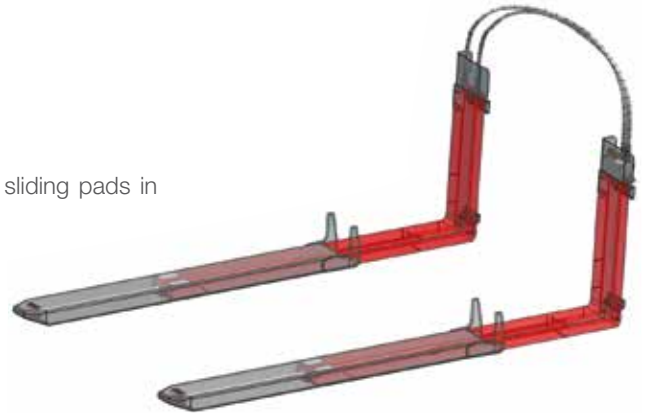
- Easy-to-dismantle mobile part by simply removing a retaining pin.
- Hydraulic feeding circuit drilled in the fork up to the top of the shank.
- Less hydraulic components thanks to one single cylinder in each fork for the sliding movement.
- Valve block directly flanged on left or right fork.
- Valve and hose fitting protection.

Synchronized fork movement

- Guaranteed by different diameter cylinders on class ISO2 and by flow divider valve on class ISO3.

Features of use

- Minimum thickness suitable for any type of pallet.
- Fork length is adjustable from the driver's seat.
- Thanks to hydraulic operation, increased safety and time saving compared to the use of manual forks extensions.
- Maximum truck manoeuvrability when forks are in retracted position.



Models



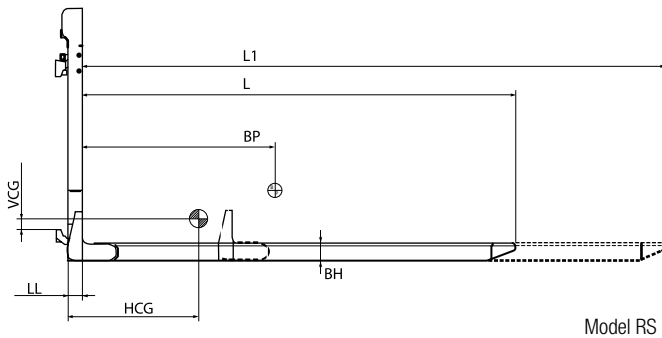
RS Models

- With pallet stop;
- Loading/unloading of vehicles from one side is remarkably time-saving;
- Handling pallets in two deep stacks, or facilitates access when there are obstacles in front of racks;
- Pallet stop provides accurate positioning of the loads, and adapts the fork's support surface to the pallet length. Standard version has vertical pallet stop aligned with fork shoulder.

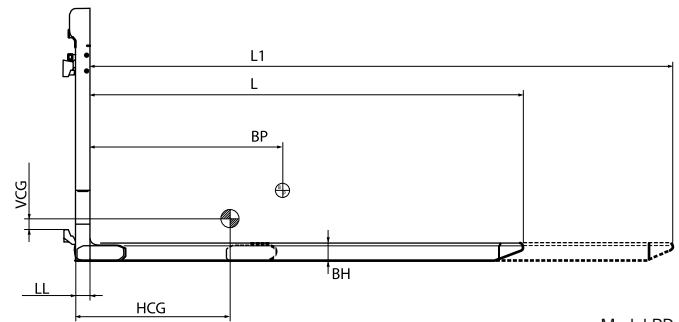


RD Models

- Without pallet stop;
- Handling two pallets at a time reduces the number of lift truck journeys and handling time by 50%;
- Ideal for bulky loads and different size pallets.



Model RS



Model RD

Model	Capacity/ Load Centre <i>Q</i> kg	Capacity/ Load Centre <i>Q'</i> kg	Length Closed <i>L</i> mm	Length Extended <i>L'</i> mm	Stroke <i>S</i> mm	Section <i>BA x BH</i> mm	Weight <i>W</i> Kg	Thickness <i>LL</i> mm	Horizontal Centre of Gravity <i>HCG</i> mm	Vertical Centre of Gravity <i>VCG</i> mm	Mounting Class <i>ISO</i> 2328
Models for loads in double depth											
RS20E0A - 1100	2.000/600	800/1.450	1.100	1.850	750	130 x 57	152	45	395/565	31	2 A
RS20E0A - 1200	2.000/600	800/1.450	1.200	2.050	850	130 x 57	161	45	440/645	19	2 A
RS20E0A - 1350	2.000/600	650/1.750	1.350	2350	1.000	130 x 57	175	45	515/755	11	2 A
RS25E0A - 1100	2.500/600	1.100/1.450	1.100	1.850	750	130 x 57	152	45	395/565	31	2 A
RS25E0A - 1200	2.500/600	1.100/1.450	1.200	2.050	850	130 x 57	161	45	440/645	19	2 A
RS25E0A - 1350	2.500/600	900/1.750	1.350	2.350	1.000	130 x 57	175	45	515/755	11	2 A
RS29E0A - 1350	2900/600	1.000/1.750	1.350	2.350	1.000	130 x 57	175	45	515/755	36	2 A
RS35E0B - 1100	3.500/600	1.400/1.450	1.100	1.850	750	130 x 57	162	45	370/535	70	3 A
RS35E0B - 1200	3.500/600	1.400/1.450	1.200	2.050	850	130 x 57	171	45	419/610	64	3 A
RS35E0B - 1350	3.500/600	1.250/1.750	1.350	2.350	1.000	130 x 57	185	45	490/720	54	3 A
RS45E0B - 1100	4.500/600	1.600/1.450	1.100	1.850	750	160 x 57	191	45	370/545	31	3 A
RS45E0B - 1200	4.500/600	1.600/1.450	1.200	2.050	850	160 x 57	202	45	415/615	26	3 A
RS45E0B - 1350	4.500/600	1.500/1.750	1.350	2.350	1.000	160 x 57	218	45	485/730	18	3 A
Models for two pallets											
RD20E0A - 0800	2.000/600	2.000/600	800	1.200	400	130 x 57	115	45	315/475	67	2 A
RD20ENA - 1100	2.000/600	1.500/800	1.100	1.600	500	130 x 57	147	45	395/555	31	2 A
RD20E0A - 1100	2.000/600	1.300/925	1.100	1.850	750	130 x 57	147	45	395/565	31	2 A
RD20E0A - 1200	2.000/600	1.200/1.025	1.200	2.050	850	130 x 57	156	45	440/645	19	2 A
RD20E0A - 1350	2.000/600	1.100/1.175	1.350	2.350	1.000	130 x 57	170	45	515/755	11	2 A
RD25E0A - 1100	2.500/600	1.650/925	1.100	1.850	750	130 x 57	152	45	395/565	31	2 A
RD25E0A - 1200	2.500/600	1.500/1.025	1.200	2.050	850	130 x 57	161	45	440/645	19	2 A
RD25E0A - 1350	2.500/600	1.300/1.175	1.350	2.350	1.000	130 x 57	175	45	515/755	11	2 A
RD29E0A - 1350	2900/600	1400/1175	1.350	2.350	1.000	130 x 57	175	45	515/755	11	2 A
RD35E0B - 0800	3.500/600	3.500/600	800	1.200	400	130 x 57	125	45	305/465	85	3 A
RD35ENB - 1100	3.500/600	2.600/800	1.100	1.600	500	130 x 57	157	45	370/525	70	3 A
RD35E0B - 1100	3.500/600	2.300/925	1.100	1.850	750	130 x 57	157	45	370/535	70	3 A
RD35E0B - 1200	3.500/600	2.100/1.025	1.200	2.050	850	130 x 57	166	45	419/610	64	3 A
RD35E0B - 1350	3.500/600	1.800/1.175	1.350	2.350	1.000	130 x 57	180	45	490/720	54	3 A
RD45E0B - 1100	4.500/600	2.900/925	1.100	1.850	750	160 x 57	186	45	370/545	31	3 A
RD45E0B - 1200	4.500/600	2.600/1.025	1.200	2.050	850	160 x 57	197	45	415/615	26	3 A
RD45E0B - 1350	4.500/600	2.300/1.175	1.350	2.350	1.000	160 x 57	213	45	485/730	18	3 A

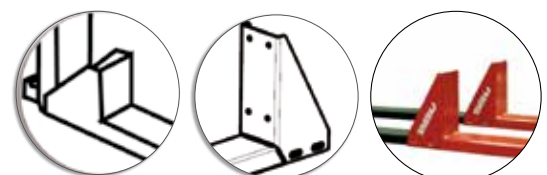
Notes:

- One hydraulic function.
- *Q* = Capacity when closed.
- *Q'* = Capacity at maximum extension.
- Models RS/RD 20 are equipped with cylinders having different diameters for synchronized fork movement.
- Models RS/RD 35 and 45 are equipped with a flow divider valve for synchronized fork movement.
- Model RS pallet stop height is 100 mm.

Options:

- Different strokes.
- Different dimensions.
- Load backrest.
- Special pallet stop thickness 150 mm, height 300 mm. See above picture.

Model	Oil Flow Rate		Oil Pressure		Hydraulic Functions <i>n.</i>
	<i>min.</i> l/min	<i>max.</i> l/min	<i>min.</i> MPa	<i>max.</i> MPa	
RS / RD 20 - 25 - 35 - 45	15	25	12.0	25.0	1



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