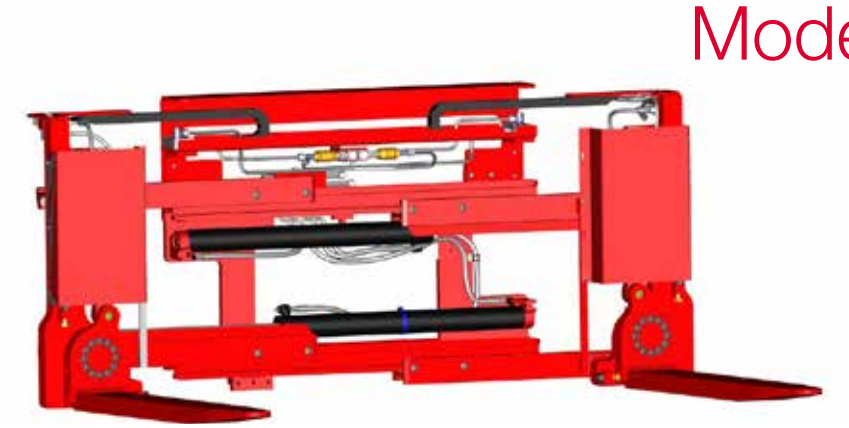
Clamps with Manually Rotating Forks

Models LS-D



The Bolzoni clamps with manually rotating forks LS-D model are commonly used for handling palletized loads, drums and other baled materials.

The clamps are fitted with forks, which can be manually locked in 0- and 90-degree position. This makes the clamps extremely versatile for various applications.

The wide opening range enables easy and safe handling also for the loads exceeding the lift truck width.

The Bolzoni clamps with manually rotating forks are available in a wide range of capacities and options, representing the solution to the most various handling needs.

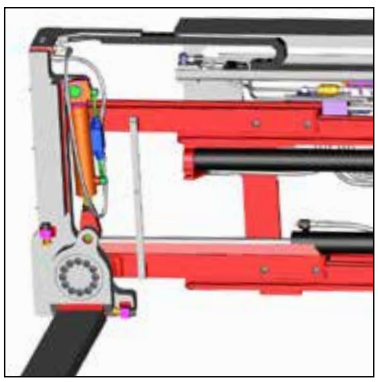
Features:

- Very rigid frame structure with single piece double “T” profile. Wide visibility window thanks to new vertical plates position at the extremity of the frame. Narrow vertical plates.
- Superior visibility through the frame grants safe and easy handling operations.
- New check valve for simple and precise arm synchronism, easy fitting, new position in the upper profile shadow granting valve protection and high visibility of the structure.
- New fixing system of the sliding pads to relief stress.
- New self-aligning cylinder fixing to avoid breakage.
- 3rd hydraulic function necessary to feed forks turning.

Options:

- Sequence valve giving the possibility by using only one function to feed both opening range and forks turning. Forks are turned to clamp position when full closed, and at fork position when full opened.
- Versions with new separate side shift: cylinder position within the frame window to improve side shifting system. Upper and lower pads with greasers.
- 360° revolving body.
- Different forks length and width, and slip-on arms.
- Special forks surface: rubber, checker plate, ribs.





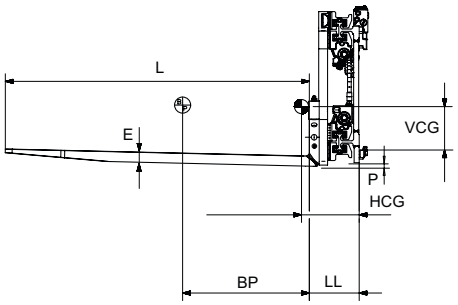


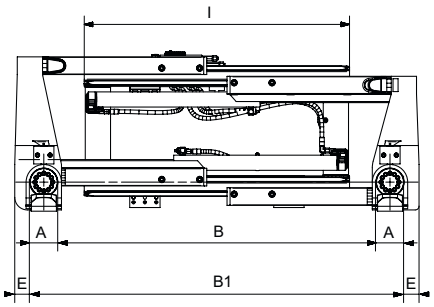


BOLZONI

Clamps with Manually Rotating Forks

Models LS-D





Range: 1,800 - 6,850 Lbs.

- Strong double T-profile frame.
- Reduced weight, effective thickness and center of gravity.
- Excellent visibility.
- Fork positioning at 0°, 45° and 90° positions.
- For the handling of pallets, drums, pipes, rolls, bales, crates and similar loads.

Model	Capacity Lbs. @ 24"	Mounting Class	Frame Width	Opening Range	Opening Range	Fork Dimensions	Weight Lbs.	Effective Thickness	Horizontal Center of Gravity	Vertical Center of Gravity	Height	Minimum Carriage Width	Fork Basic Height	Pivot Distance	Ground Clearance
	Q1/Q2		*I*	*B1* min - max	*B* min - max	*L x A x E*	*W*	*LL*	*HCG*	*VCG*	*D*	*FL*	*J*	*K*	*P*
LS 10 D5A	1,800 / 2,500	II	36.6"	24.0" - 72.4"	14.2" - 62.3"	43.3" x 3.9" x 1.6"	620	7.8"	7.4"	9.5"	24.6"	27.1"	4.5"	4.1"	0.6"
LS 10 D6A	1,800 / 2,500	II	36.6"	24.0" - 72.4"	14.2" - 62.3"	47.2" x 3.9" x 1.6"	645	7.8"	8.9"	9.3"	24.6"	27.1"	4.5"	4.1"	0.6"
Forks: max. length 63". Add-on price per each 3.9" length increase.															
LS 14 D5A	2,500 / 3,200	II	36.6"	23.2" - 71.6"	11.8" - 60.2"	43.3" x 5.1" x 1.6"	690	7.8"	8.4"	8.7"	24.6"	27.1"	4.7"	4.7"	0.6"
LS 14 D6A	2,500 / 3,200	II	36.6"	23.2" - 71.6"	11.8" - 60.2"	47.2" x 5.1" x 1.6"	724	7.8"	10.0"	8.6"	24.6"	27.1"	4.7"	4.7"	0.6"
Forks: max. length 63". Add-on price per each 3.9" length increase.															
LS 18 D6A-38W	3,200 / 4,150	II	38.2"	28.3" - 80.7"	15.7" - 68.1"	47.2" x 5.1" x 1.9"	905	9.0"	11.6"	9.9"	24.6"	27.1"	5.7"	3.9"	0.6"
LS 18 D6A-43W	3,200 / 4,150	II	43.3"	21.6" - 72.4"	9.0" - 59.8"	47.2" x 5.1" x 1.9"	905	9.0"	10.6"	6.0"	24.6"	27.1"	5.7"	3.9"	0.6"
Forks: max. length 63". Add-on price per each 3.9" length increase.															
LS 22 D6A-38W	4,000 / 4,700	II	38.2"	28.3" - 80.7"	15.7" - 68.1"	47.2" x 5.1" x 1.9"	905	9.0"	11.6"	9.9"	24.6"	27.1"	5.7"	3.9"	0.6"
LS 22 D6A-43W	4,000 / 4,700	II	43.3"	21.6" - 72.4"	9.0" - 59.8"	47.2" x 5.1" x 1.9"	905	9.0"	10.6"	6.0"	24.6"	27.1"	5.7"	3.9"	0.6"
Forks: max. length 63". Add-on price per each 3.9" length increase.															
LS 28 D6B-38W	5,000 / 5,800	III	38.2"	28.3" - 80.7"	15.7" - 68.1"	47.2" x 5.1" x 1.9"	938	9.0"	10.8"	12.2"	28.1"	27.1"	5.7"	3.9"	1.8"
LS 28 D6B-43W	5,000 / 5,800	III	43.3"	21.6" - 72.4"	9.0" - 59.8"	47.2" x 5.1" x 1.9"	1,000	9.0"	10.7"	12.3"	28.1"	27.1"	5.7"	3.9"	1.8"
Forks: max. length 63". Add-on price per each 3.9" length increase.															
LS 35 D6B-49W	6,300 / 6,850	III	49.2"	32.3" - 91.3"	18.5" - 77.6"	47.2" x 5.9" x 1.9"	1,380	10.0"	9.3"	7.8"	28.1"	36.6"	5.9"	4.5"	0.8"
LS 35 D6B-45W	6,300 / 6,850	III	45.3"	20.8" - 69.3"	7.1" - 55.5"	47.2" x 5.9" x 1.9"	1,307	10.0"	9.6"	7.8"	28.1"	36.6"	5.9"	4.5"	0.8"
Forks: max. length 63". Add-on price per each 3.9" length increase.															

Notes:

- TTwo hydraulic functions required.
- Q1 = capacity when clamping.
- Q2 = capacity on the forks.
- Check valve.
- Pressure relief valve.
- Forks welded to the arm carriers.
- Integral sideshift.

Options:

- Special openings and fork lenghts..
- Quick change lower hooks.
- Pressure gauge.
- Load backrest.
- Slip on arms.
- Four stage pressure relief valve.
- Flow divider for equal arm movement.
- Hydraulically rotating forks

CERTIFIED ISO 9001 MANUFACTURER

7900121 7HYDR_US – 0426

BOLZONI Inc.
17635 HOFFMAN WAY - HOMEWOOD, ILLINOIS 60430 (U.S.A.)
TEL. +1-800 358 54 38 *(U.S.A. only)* - TEL. +1-708 957 88 09

7711 HIGHWAY 278, SULLIGENT, ALABAMA 35586 (U.S.A.)
TEL. +1-205 698 1231

www.bolzonigroup.com - insidesales.us@bolzonigroup.com

BOLZONI GROUP