# Pallet Fork Clamps

## Models LS-H




The Bolzoni pallet fork clamps LS-H model are versatile attachments that can be used both as fork positioner and for clamping loads between forks.

The Bolzoni pallet fork clamps 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.
- Forks welded directly to the arm carriers for reduced effective thickness, centre of gravity and weight.





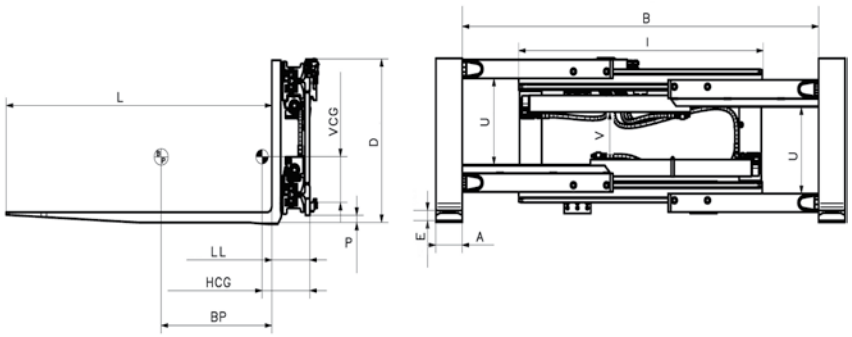




BOLZONI

# Pallet Fork Clamps

## Models LS-H *(Sideshifting)*




**Range:** 1,800 - 9,000 Lbs.

- Strong double T-profile frame.
- Reduced weight, effective thickness and center of gravity.
- Excellent visibility.
- Forks welded to the arm carriers.

| Model | Capacity Lbs. @ 24" | | Mounting Class | Frame Width | Opening Range in to in | Fork Dimensions | | | Weight Lbs. | Effective Thickness | Horizontal Center of Gravity | Vertical Center of Gravity | Height | Minimum Carriage Width | Ground Clearance |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Q1* | *Q2* | | *I* | *B min - B max* | *L* | *A* | *E* | *W* | *LL* | *HCG* | *VCG* | *D* | *FL* | *P* |
| LS 10 H3A | 1,800 | 2,900 | II | 36.6" | 18.5" - 66.9" | 35.4" | 3.9" | 1.3" | 524 | 6.5" | 7.1" | 7.2" | 25.0" | 27.1" | 0.7" |
| LS 10 H5A | 1,800 | 2,900 | II | 36.6" | 18.5" - 66.9" | 43.3" | 3.9" | 1.3" | 544 | 6.5" | 7.6" | 7.2" | 25.0" | 27.1" | 0.7" |
| LS 10 H6A | 1,800 | 2,900 | II | 36.6" | 18.5" - 66.9" | 47.2" | 3.9" | 1.3" | 554 | 6.5" | 8.3" | 7.2" | 25.0" | 27.1" | 0.7" |
| LS 10 H5A-X | 1,800 | 2,900 | II | 41.3" | 13.7" - 62.2" | 43.3" | 3.9" | 1.3" | 569 | 6.5" | 8.0" | 7.2" | 25.0" | 27.1" | 0.7" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |
| LS 14 H3A | 2,500 | 3,600 | II | 36.6" | 18.5" - 66.9" | 35.4" | 3.9" | 1.5" | 544 | 6.5" | 7.1" | 7.2" | 25.0" | 27.1" | 0.7" |
| LS 14 H5A | 2,500 | 3,600 | II | 36.6" | 18.5" - 66.9" | 43.3" | 3.9" | 1.5" | 568 | 6.5" | 7.6" | 7.2" | 25.0" | 27.1" | 0.7" |
| LS 14 H6A | 2,500 | 3,600 | II | 36.6" | 18.5" - 66.9" | 47.2" | 3.9" | 1.5" | 580 | 6.5" | 8.3" | 7.2" | 25.0" | 27.1" | 0.7" |
| LS 14 H5A-X | 2,500 | 3,600 | II | 41.3" | 13.7" - 62.2" | 43.3" | 3.9" | 1.5" | 595 | 6.5" | 8.0" | 7.2" | 25.0" | 27.1" | 0.7" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |
| LS 18 H3A | 3,200 | 4,500 | II | 38.1" | 18.5" - 70.8" | 35.4" | 5.1" | 1.5" | 698 | 6.7" | 7.3" | 7.0" | 25.4" | 27.1" | 0.7" |
| LS 18 H5A | 3,200 | 4,500 | II | 38.1" | 18.5" - 70.8" | 43.3" | 5.1" | 1.5" | 726 | 6.7" | 7.8" | 7.0" | 25.4" | 27.1" | 0.7" |
| LS 18 H6A | 3,200 | 4,500 | II | 38.1" | 18.5" - 70.8" | 47.2" | 5.1" | 1.5" | 740 | 6.7" | 8.5" | 7.0" | 25.4" | 27.1" | 0.7" |
| LS 18 H5A-X | 3,200 | 4,500 | II | 43.3" | 11.8" - 62.5" | 43.3" | 5.1" | 1.5" | 755 | 6.7" | 8.2" | 7.0" | 25.4" | 27.1" | 0.7" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |
| LS 22 H3A | 4,000 | 4,500 | II | 38.1" | 18.5" - 70.8" | 35.4" | 5.1" | 1.5" | 698 | 6.7" | 7.3" | 7.0" | 25.4" | 27.1" | 0.7" |
| LS 22 H5A | 4,000 | 4,500 | II | 38.1" | 18.5" - 70.8" | 43.3" | 5.1" | 1.5" | 726 | 6.7" | 7.8" | 7.0" | 25.4" | 27.1" | 0.7" |
| LS 22 H6A | 4,000 | 4,500 | II | 38.1" | 18.5" - 70.8" | 47.2" | 5.1" | 1.5" | 740 | 6.7" | 8.5" | 7.0" | 25.4" | 27.1" | 0.7" |
| LS 22 H5A-X | 4,000 | 4,500 | II | 43.3" | 11.8" - 62.5" | 43.3" | 5.1" | 1.5" | 755 | 6.7" | 8.2" | 7.0" | 25.4" | 27.1" | 0.7" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |
| LS 28 H3B-K | 5,000 | 7,000 | III | 43.3" | 18.5" - 75.9" | 35.4" | 5.1" | 2.0" | 785 | 7.1" | 8.4" | 8.0" | 30.0" | 27.1" | 0.8" |
| LS 28 H5B-K | 5,000 | 7,000 | III | 43.3" | 18.5" - 75.9" | 43.3" | 5.1" | 2.0" | 829 | 7.1" | 8.9" | 8.0" | 30.0" | 27.1" | 0.8" |
| LS 28 H6B-K | 5,000 | 7,000 | III | 43.3" | 18.5" - 75.9" | 47.2" | 5.1" | 2.0" | 851 | 7.1" | 9.6" | 8.0" | 30.0" | 27.1" | 0.8" |
| LS 28 H6B | 5,000 | 7,000 | III | 38.1" | 18.5" - 70.8" | 47.2" | 5.1" | 2.0" | 834 | 7.1" | 9.3" | 8.0" | 30.0" | 27.1" | 0.8" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |
| LS 35 H6B | 6,300 | 8,100 | III | 49.2" | 21.6" - 80.7" | 47.2" | 5.9" | 2.0" | 1,373 | 8.4" | 8.3" | 9.8" | 31.0" | 36.0" | 0.8" |
| LS 35 H6B-X | 6,300 | 8,100 | III | 46.0" | 10.2" - 59.4" | 47.2" | 5.9" | 2.0" | 1,325 | 8.4" | 8.3" | 10.0" | 31.0" | 36.0" | 0.8" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |
| LS 40 H6B | 7,200 | 9,000 | III | 49.2" | 21.6" - 80.7" | 47.2" | 5.9" | 2.3" | 1,514 | 8.8" | 11.7" | 8.7" | 31.0" | 31.2" | 0.8" |
| LS 40 H6B-X | 7,200 | 9,000 | III | 46.0" | 10.2" - 59.4" | 47.2" | 5.9" | 2.3" | 1,413 | 8.8" | 9.0" | 9.7" | 31.0" | 31.2" | 0.8" |
| Forks: max. length 94.5". Add-on price per each 3.9" length increase. | | | | | | | | | | | | | | | |

### Notes:

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

### Options:

- Special openings and fork lengths.
- Quick change lower hooks.
- Pressure gauge.
- Load backrest.
- Slip-on arms.
- Flow divider for equal arm mouvement.

CERTIFIED ISO 9001 MANUFACTURER

79001217CAN - 06.2025

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