Silver Line

The competitive range



KEEP IT SIMPLE

SILVER LINE is a range of reliable and cost-effective clamps suitable for applications in many industries, particularly where lift truck operators require attachments having high performance and low cost.

As complement of the already extensive range of Bolzoni forklift truck attachments, this second range is able to cover the majority of the market requirements.

Suitable for safe, efficient and damage-free handling of all types of loads, this range is designed for heavy duty applications, with a tight budget.

Cost effective:

High volume production of dedicated range of capacities and openings resulting in manufacturing savings. New cost-effective components – such as aluminium profiles, cylinders and wear parts – and optimized manufacturing processes.

36 months warranty:

The SILVER LINE attachments range is included into the new extended 3 years warranty program (36 months guarantee period, or 6000 work hours, whichever comes first).

Short lead time:

Attachments are ready from the shelf, in centralised American stocks.

Robust Design:

Robust frame design for heavy-duty applications.

Ideal for Rental Fleet

and for any rental business. In facts, this range is ideal for short usage attachment needs, in order to optimize the return on investment or to reduce the Total Cost of Ownership.

Competitive Cost. High Quality. Prompt Delivery.
3 Years Warranty.









SILVER LINE

Silver Line Clamps

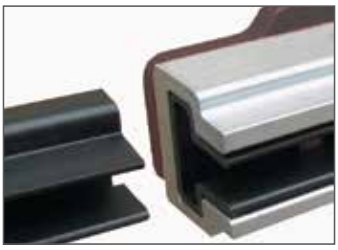
Technical Features

Long life and long service intervals

- Combination of proven and high tensile aluminium profiles with new wear resistant plastic inserts.
- No wear on aluminium profiles.
- Symmetrical borings in aluminium profiles and symmetrical plastic inserts.
- Higher sliding speed with lower grease requirement.

Simple and quick exchange of wear parts

- Plastic bushings inserted from the side without removing clamp arms.
- Aluminium profiles with commercial hexagonal bolts, no special tools required.
- Excellent visibility.
- Reduced weight, effective thickness and center of gravity.









Oil flow rate recommendations

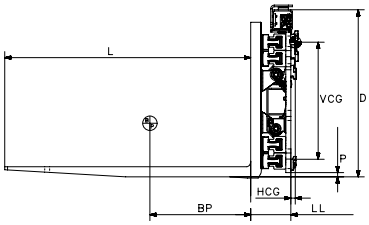
Model	Minumum GPM	Recommended GPM	Maximum GPM
Non-Rotating Clamps	**Oil Flow Rate, Clamp/ Oil Flow Rate, Sideshift**		
LC 12/14/16/22/28	4	7	9
LC 32	8	12	16

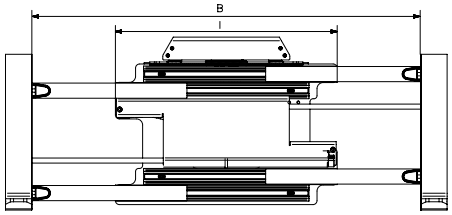
Model	Oil Flow Rate, Clamp			Oil Flow Rate, Rotator		
	Minumum GPM	Recommended GPM	Maximum GPM	Minumum GPM	Recommended GPM	Maximum GPM
Rotating Clamps						
AMX	5	9	11	5	9	11
LGC 14	4	7	9	4	7	11
LGC 22	4	7	9	7	9	11
LGC 28	4	7	9	9	16	20

Hydraulic functions and hydraulic pressure recommendations

Model	Minumum PSI	Maximum PSI	Minumum PSI	Maximum PSI	n.
Non-Rotating Clamps	**Clamping Pressure**		**Sideshifting Pressure**		**Hydr.Func.**
LC 12	580	1,700	1,700	3,200	2
LC 14	580	2,300	1,700	3,200	2
LC 16/22	650	2,300	1,700	3,200	2
LC 28/32	725	2,300	1,700	3,200	2
Rotating Clamps	**Clamping Pressure**		**Rotating Pressure**		**Hydr. Func.**
AMX	X	2,300	1,400	1,700	2
LGC 14	580	2,300	1,400	1,700	2
LCG 22	650	2,300	1,400	1,700	2
LCG 28	730	2,200	1,400	1,700	2

Pallet Fork Clamps - Model LC-H *(Sideshifting)*





Range: 2,500 - 7,000 Lbs.

- Forks welded to the arm carriers.

Model	Capacity Lbs. @ 24"		Mounting Class	Frame Width	Opening Range in to in	Fork Dimensions			Minimum Carriage Width	Height	Weight Lbs.	Effective Thickness	Horizontal Center of Gravity	Vertical Center of Gravity	Ground Clearance
	Q1	Q2		I	B min - B max	L	A	E	FL	D	W	LL	HCG	VCG	P
LC 14 H6A EU	2,500	3,600	II	41.3"	13.8" - 62.2"	47.2"	4.0"	1.6"	27.1"	28.7"	707	6.6"	7.1"	7.8"	0.7"
LC 22 H6A EU	4,000	4,500	II	43.3"	12.6" - 63.4"	47.2"	4.7"	1.6"	27.1"	28.8"	864	7.4"	7.5"	7.7"	0.7"
LC 28 H6B EU	5,000	6,300	III	43.3"	12.6" - 63.4"	47.2"	4.7"	1.6"	28.3"	32.6"	1,043	7.4"	7.3"	9.4"	0.8"
LC28H6A/B	5,000	7,000	II/III	43.3"	18.5" - 76.0"	48.0"	5.0"	2.0"	32.1"	32.6"	1,146	7.8"	0.9"	22.8"	0.8"

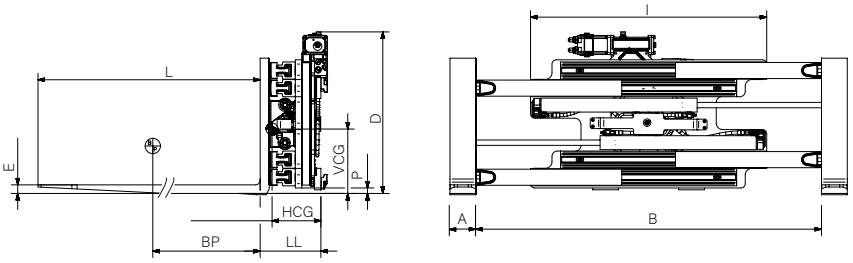
Notes:

- Two hydraulic functions.
- Q1 = capacity when clamping.
- Q2 = capacity on the forks.
- Check valve.
- Pressure gauge.
- Forks welded to the arm carriers.
- Integral sideshift.
- With valve protection plate.
- With cylinder protection plate.

Options:

- Connection hose kit.

360° Rotating Pallet Fork Clamps - Model LGC-H



Range: 2,500 - 6,300 Lbs.

- Versatile attachment, it can be used to lift all conventional pallets, as fork positioner, or to rotate containers or boxes.
- Robust design for heavy-duty applications.
- 360° continuous rotation in both direction
- Block valve in the middle for precise arm synchronism.
- The valve and the cylinder rods are protected in every opening position.

Model	Capacity Lbs. @ 24"	Opening Range	Fork Dimensions	Frame Width	Min. Carriage Width	Height	Weight	Horizontal Center of Gravity	Vertical Center of Gravity	Effective Thickness	Ground Clearance	Mounting Class
	Q1 / Q2	*B*	*L x A x E*	*I*	*FL*	*D*	*W*	*HCG*	*VCG*	*LL*	*P*	
LGC 14 H6A EU	2,500-3,600	13.8" - 62.2"	47.2"x4.0"x1.6"	41.3"	22.8"	29.6"	959	8.5"	9.4"	10.3"	0.7"	II
LGC 22 H6A EU	4,000-4,500	12.6" - 63.4"	47.2"x4.7"x1.6"	43.3"	22.8"	29.6"	1,146	8.9"	9.2"	11.1"	0.7"	II
LGC 28 H6B EU	5,000-6,300	12.6" - 63.4"	47.2"x4.7"x1.7"	43.3"	34.3"	34.5"	1,373	8.7"	12.6"	11.7"	0.8"	III

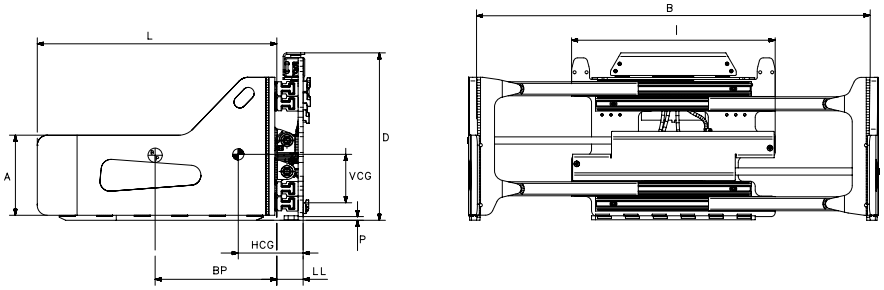
Notes:

- Two hydraulic functions.
- Q1 = capacity when clamping without rotation; or when rotating without clamping.
- Q2 = capacity on the forks.
- Check and pressure adjustment valve.
- Forks welded to the arm carriers.

Options:

- Connection hose kit.

Bale Clamps - Model LC-G *(Sideshifting)*



Range: 4,000 - 7,000 Lbs.

- Commonly used for handling pulp bales in the paper industry, as well as for bales of cotton, wool, tobacco, fabrics and other baled materials.
- The valve and the cylinder rods are protected in every opening position.

Model	Capacity Lbs. @ 24"	Mounting Class	Frame Width	Opening Range in to in		Arm Dimensions				Minimum Carriage Width	Height	Weight Lbs.	Effective Thickness	Horizontal Center of Gravity	Vertical Center of Gravity	Arms Toe-in	Ground Clearance
	Q		*I*	*B min*	*B max*	*A*	*L*	*E*	*T*	*FL*	*D*	*W*	*LL*	*HCG*	*VCG*	*C*	*P*
LC 22 G6A	4,000	II	43.3"	18.5"	69.3"	15.7"	47.2"	1.2"	1.8"	27.1"	28.8"	1,090	5.5"	11.7"	9.0"	1.2"	0.3"
LC 28 G6 A/B	5,100	II/III	40.2"	25.1"	77.6"	15.7"	47.2"	1.6"	1.6"	31.1"	32.9"	1,486	5.2"	12.8"	9.5"	0.5"	0.7"
LC 32 G6 B	7,000	III	50.4"	23 .3"	84.0"	17.7"	47.2"	1.6"	1.6'"	30.3"	36.5"	2,061	6.6"	10.8"	11.4"	0.4"	0.8"

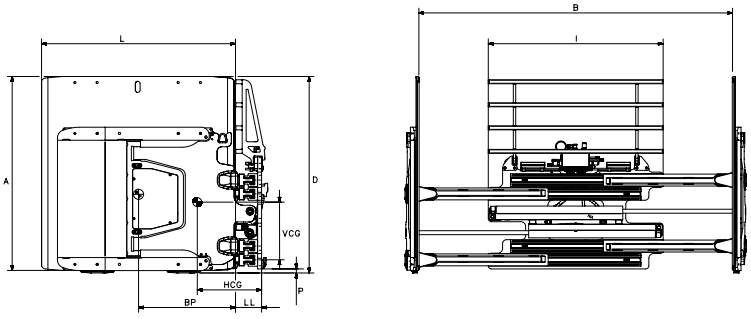
Notes:

- Two hydraulic functions.
- E= arm thickness, without rib.
- T= arm thickness at the arm base, without rib.
- Pressure gauge.
- Arms welded directly to the guides.
- Check valve.
- Integral sideshift.
- Cylinder protection.
- Valve protection.
- Special arm configurated for handling inside container and railbox (without elbow)
- Wear strips under clamp body and arms.

Options:

- Connection hose kit.
- Class 4 mounting kit option for LC32
- Load Backrest 48"

Carton Clamps - Model LC-C *(Sideshifting)*



Range: 2,500 - 3,500 Lbs.

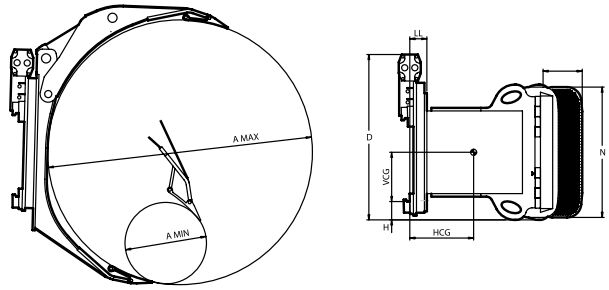
- Large surface aluminium pads.
- Single oscillating pad.
- Special high-friction vulcanized rubber lining for increased positive grip allowing safe and damage-free handling.
- Interchangeable left-right, up-down pads for more even rubber wear.
- Thin arm profile and new elbow support design allow easy knifing between loads.
- Robust design for heavy-duty applications.
- Block valve in the middle for precise arm synchronism.

Model	Capacity Lbs. @ 24"	Mounting Class	Opening range	Arm Dimensions			Frame Width	Minimum Carriage Width	Weight Lbs.	Horizontal Center of Gravity	Vertical Center of Gravity	Effective Thickness	Ground Clearance
	Q		*I*	*A*	*L*	*E*	*I*	*FL*	*W*	*HCG*	*VCG*	*LL*	*P*
LC 12 C6A	2,600	II	21.0" - 77.6"	48.0"	48.0"	2.2"	43.3"	27.2"	1,680	16.0"	14.6"	6.5"	1.0"
LC16C6A/B	3,500	II/III	21.0" - 77.6"	48.0"	48.0"	0.8"	43.3"	27.8"	1,697	15.9	14.3"	6.5"	1.0"

Notes:

- Two hydraulic functions.
- Arm thickness at base, including rubber, 3.62"
- Arm thickness, including rubber, 2.2".
- Load backrest.
- Pressure relief valve.
- Flow divider.
- Integral sideshift.

Paper Roll Clamps - Model AMX-F/P



Range: 2,900 - 4,600 Lbs.

- 360-degree rotating paper roll clamp for vertical and horizontal handling of single rolls.
- Pivoting long arm movement.
- Models AMX-F: Fixed short arm.
- Mounting angle 1,5°.

Model	Capacity Lbs.	Load Center	Roll Range	Height	Weight Lbs.	Horizontal Center of Gravity	Vertical Center of Gravity	Effective Thickness	Minimum Carriage Width	Contact Pads	Contact Pad Gap	Mounting Height	Mounting Class
	Q	*BP*	*A*	*D*	*W*	*HCG*	*VCG*	*LL*	*FL*	*M x N*	*O*	*H*	
Fixed short arm													
AMX-29-1245-F	3,100	22.5"	12"-45"	30.7"	770	9.1"	10.4"	5.7"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-29-1651-F	2,900	25.5"	16"-51"	30.7"	810	9.6"	10.4"	5.7"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-40-1651-F-II	4,000	25.5"	16"-51"	30.7"	970	10.0"	10.4"	6.3"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-40-1651-F-III	4,000	25.5"	16"-51"	30.7"	1,020	10.6"	12.0"	7.5"	29.5"	8.0"-26.8"	-	2.6'	III
AMX-46-2253-F-II	4,600	26.5"	22"-53"	30.7"	1,020	11.4"	10.4"	6.8"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-46-2253-F-III	4,600	26.5"	22"-53"	30.7"	1,080	12.6"	12.0"	8.0"	29.5"	8.0"-26.8"	-	2.6"	III
Mobile short arm													
AMX-29-1651-P	2,900	25.5"	10"-51"	30.7"	930	9.6"	10.4"	5.7"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-40-1651-P-II	4,000	25.5"	10"-51"	30.7"	1,080	10.0"	10.4"	6.3"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-40-1651-P-III	4,000	25.5"	10"-51"	30.7"	1,130	10.6"	12.0"	7.5"	29.5"	8.0"-26.8"	-	2.6"	III
AMX-46-2253-P-II	4,600	26.5"	15"-53"	30.7"	1,160	10.6"	10.4"	6.8"	29.5"	8.0"-26.8"	-	4.3"	II
AMX-46-2253-P-III	4,600	26.5"	15"-53"	30.7"	1,210	11.2"	12.0"	8.0"	29.5"	8.0"-26.8"	-	2.6"	III

Notes:

- Two hydraulic functions.
- Standard contact pads: Cast pad with high-friction surface.

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