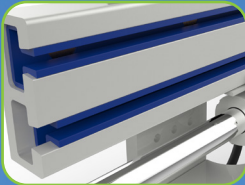
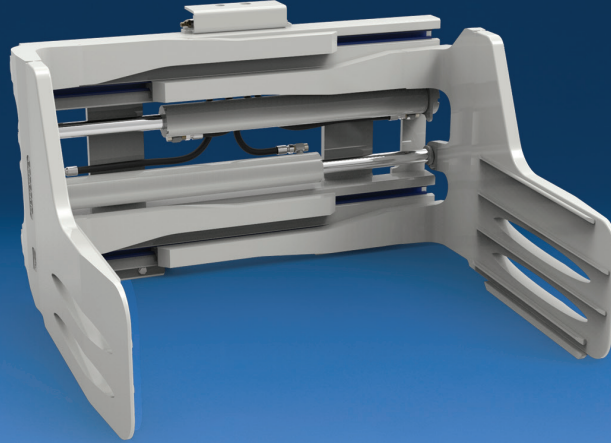
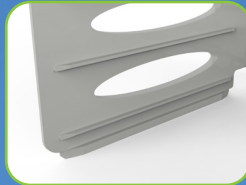


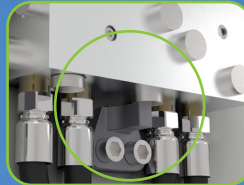
Extremely Durable Pulp Bale Clamp Minimizes Down Time, Provides Excellent Visibility



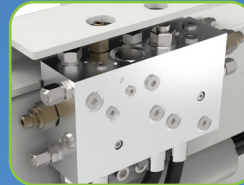
No maintenance bearings with 10,000 hour warranty



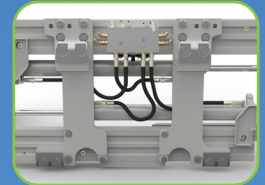
Wear strips under frame and arms



True centering key for precise and secure mounting



New high-flow regenerative valve with pressure relief in clamp, sideshift and backhand functions



Industry leading visibility through frame

APPLICATIONS

Cascade Pulp Bale Clamps can efficiently and economically handle nearly any type of baled product. Also including cotton, flax, wool, synthetic textile fibres, hay, rags and recycled clothing.

J-SERIES FEATURES

Industry-leading visibility.

Efficient hydraulic system which minimises energy consumption and maximises performance.

- Clamp and backhand protection.
- Flow divider for equal arm movement.
- Top-mounted hydraulic cartridges and test port for ease of access and adjustment.
- Sideshift circuit relief optimises sideshift speed and performance.

Rugged design for optimal strength, durability and performance.

- Center mounted hardened replaceable frame wear segment. *(Except for revolving models).*
- High strength steel frame.
- Lubrication-free, full length UHMW bearings.
- High strength steel castings.
- Maximum clamp force for secure handling.
- Valve guard protects hydraulics located behind frame from impact and debris.

Designed for convenience and performance.

- Integrated true centering key for precise and secure installation.
- Available in two pressure offerings to match attachment to truck hydraulic system.

UNIQUE ARM FEATURES

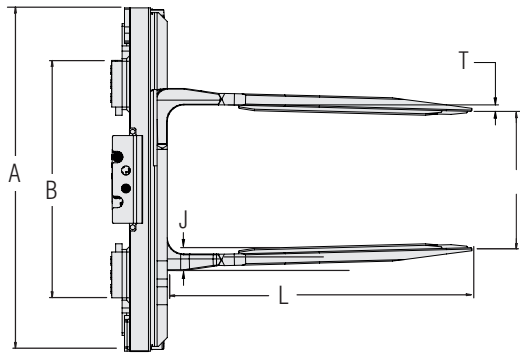
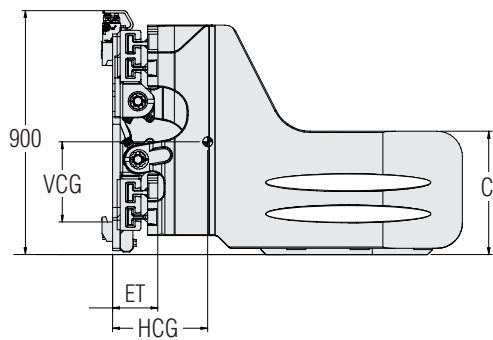
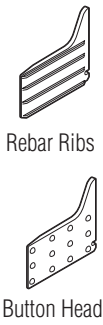
- Integral welded corner casting for added strength.
- Standard 3 rib facing with elliptical cutouts for optimal load engagement.

OPTIONS

- Special frame widths and opening ranges.
- High pressure and low pressure hydraulics systems.
- Basic and sideshifting models.
- Other arm dimensions.
- Bale arm facing options: Round bar, serrated rib or buttons.
- Independent arm control.
- External sideshifter mounting.
- Wear Strips under arms and frame.
- Factory installed load backrest.
- Bumper/Cylinder cover.
- Quick Disconnect Mounting Kit.

40J PULP BALE CLAMPS

Arm Facing Options

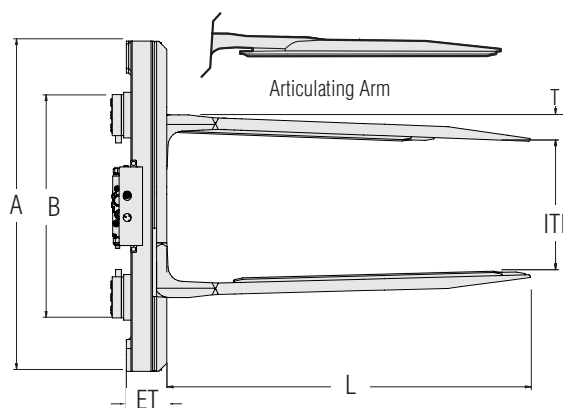
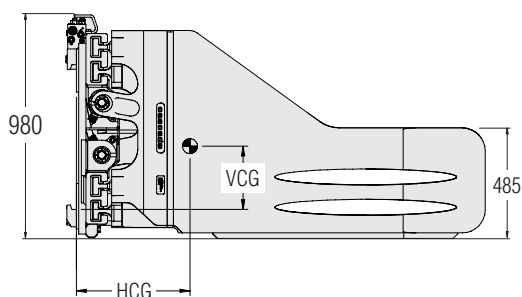


Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Arm Height	Arm Toe-in	Min Truck Carriage	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A	ITI	LxT	C	J	B	ET	HCG	VCG		ISO 2328
Low Pressure - For trucks delivering less than 190 bar of operating pressure												
40J-PBS-4A-0200	4000@600	1400	490-2055	1200x105	485	45	930 ①	178	298	304	1086	4A
40J-PBS-4A-0210	4000@600	1400	480-2045	1400x110	485	60	930 ①	178	364	297	1189	4A
40J-PBS-4A-0220	4000@600	1400	460-2025	1600x120	485	80	930 ①	178	424	292	1267	4A
40J-PBS-4A-0250	4000@600	1500	605-2345	1600x120	485	80	930 ①	178	413	295	1314	4A
40J-PBS-4A-0280	4000@600	1700	530-2465	1600x120	485	80	930 ①	178	402	297	1358	4A

① Dimension is the widest spread of either upper or lower hooks.

53J SIDESHIFTING INTEGRAL PULP BALE CLAMP ARTICULATING & FIXED ARMS

Arm Facing Options

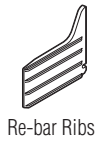


Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Arm Toe-in	Min Truck Carriage	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A mm	ITI mm	LxT mm	J mm	B mm	ET mm	HCG mm	VCG mm	kg	ISO 2328
Fixed Arms - Low Pressure - For trucks delivering less than 190 bar of operating pressure											
53J-PBS-4A-0290	4000@800	1350	610-2175	1200x105	35	1080	200	301	314	1236	4A
53J-PBS-4A-0300	4000@800	1350	590-2155	1400x110	50	1080	200	365	307	1350	4A
53J-PBS-4A-0310	4000@800	1350	570-2135	1600x115	75	1080	200	424	302	1437	4A
53J-PBS-4A-0330	4000@800	1550	691-2556	1400x110	50	1080	200	351	310	1428	4A
53J-PBS-4A-0340	4000@800	1550	671-2536	1600x115	75	1080	200	408	304	1515	4A
53J-PBS-4A-0360	4000@800	1650	705-2723	1400x110	50	1080	200	345	311	1462	4A
53J-PBS-4A-0370	4000@800	1650	685-2703	1600x115	75	1080	200	401	306	1549	4A
Articulating Left Arm - Low Pressure - For trucks delivering less than 190 bar of operating pressure											
53J-PBS-4A-0200	4000@800	1350	590-2155	1200x105	35	1080	200	298	309	1246	4A
53J-PBS-4A-0210	4000@800	1350	580-2145	1400x110	50	1080	200	352	302	1333	4A
53J-PBS-4A-0220	4000@800	1350	570-2135	1600x115	75	1080	200	405	295	1406	4A
53J-PBS-4A-0240	4000@800	1550	681-2546	1400x110	50	1080	200	338	304	1411	4A
53J-PBS-4A-0250	4000@800	1550	671-2536	1600x115	75	1080	200	389	298	1484	4A
53J-PBS-4A-0270	4000@800	1650	695-2713	1400x110	50	1080	200	333	306	1445	4A
53J-PBS-4A-0280	4000@800	1650	685-2703	1600x115	75	1080	200	383	300	1518	4A

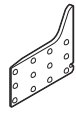
► All models include a frame bumper and full length wear bars under frame and arms.

67J SIDESHIFTING INTEGRAL PULP BALE CLAMP ARTICULATING & FIXED ARMS

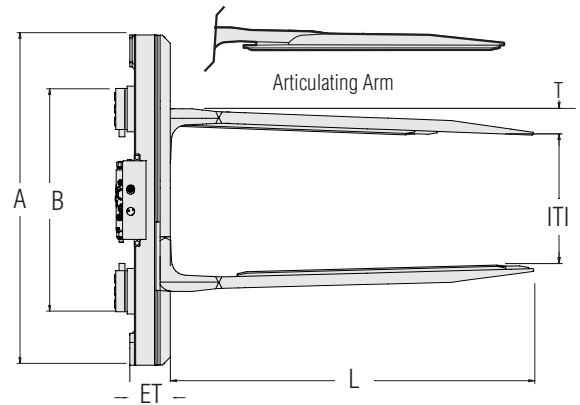
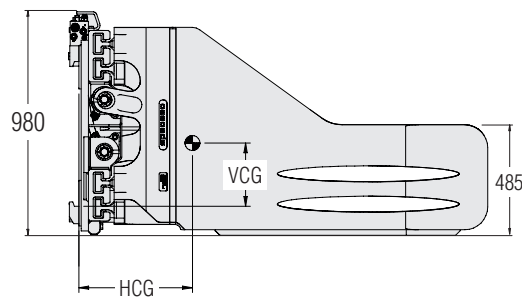
Arm Facing Options



Re-bar Ribs



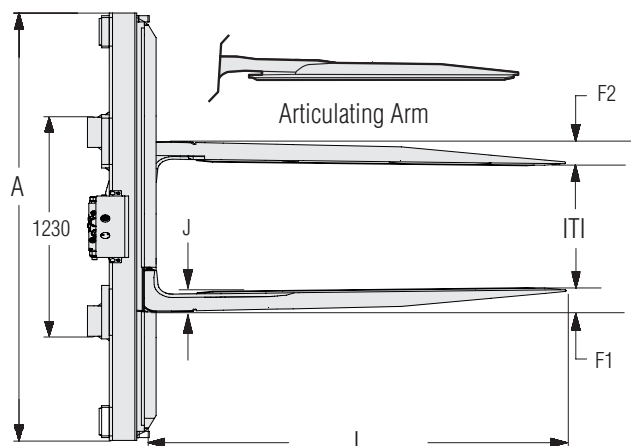
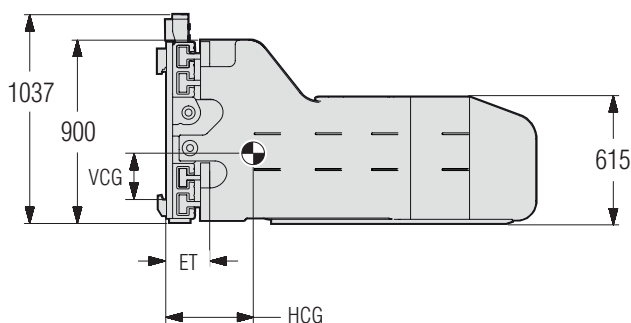
Button Head



Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Arm Toe-in	Min Truck Carriage	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A mm	ITI mm	LxT mm	J mm	B mm	ET mm	HCG mm	VCG mm	kg	ISO 2328
Fixed Arms - Low Pressure - For trucks delivering less than 190 bar of operating pressure											
67J-PBS-4A-0290	5000@800	1550	610-2375	1200x95	40	1080	205	278	332	1389	4A
67J-PBS-4A-0300	5000@800	1550	590-2355	1400x110	60	1080	205	338	325	1503	4A
67J-PBS-4A-0310	5000@800	1550	560-2325	1600x120	85	1080	205	393	319	1590	4A
67J-PBS-4A-0330	5000@800	1700	590-2533	1400x105	60	1080	205	330	326	1552	4A
67J-PBS-4A-0340	5000@800	1700	560-2503	1600x120	85	1080	205	384	320	1638	4A
67J-PBS-4A-0360	5000@800	2050	705-3113	1400x105	60	1280	205	312	328	1686	4A
67J-PBS-4A-0370	5000@800	2050	675-3083	1600x120	85	1280	205	363	323	1773	4A
Articulating Left Arm - Low Pressure - For trucks delivering less than 220 bar of operating pressure											
67J-PBS-4A-0200	5000@800	1550	590-2355	1200x105	40	1080	205	301	312	1350	4A
67J-PBS-4A-0210	5000@800	1550	580-2345	1400x110	60	1080	205	345	305	1435	4A
67J-PBS-4A-0220	5000@800	1550	560-2325	1600x120	85	1080	205	388	299	1508	4A
67J-PBS-4A-0240	5000@800	1700	580-2523	1400x110	60	1080	200	337	307	1483	4A
67J-PBS-4A-0250	5000@800	1700	560-2503	1600x120	85	1080	200	379	301	1557	4A
67J-PBS-4A-0270	5000@800	2050	695-3103	1400x110	60	1280	200	311	311	1617	4A
67J-PBS-4A-0280	5000@800	2050	675-3083	1600x120	85	1280	200	357	305	1691	4A

► All models include a frame bumper and full length wear bars under frame and arms.

87J SIDESHIFTING INTEGRAL PULP BALE CLAMP ARTICULATING & FIXED ARMS



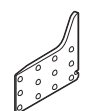
Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Length	Arm Thickness	Articulated Arm Thickness	Arm Toe-in	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A mm	ITI mm	L mm	F1 mm	F2 mm	J mm	ET mm	HCG mm	VCG mm	kg	ISO 2328
Fixed Arms - Low Pressure - For trucks delivering less than 190 bar of operating pressure												
87J-PBS-4A-0290	6500@800	2000	652-2932	1200	130	—	25	222	264	315	1715	4A
87J-PBS-4A-0300	6500@800	2000	652-2932	1400	130	—	30	222	300	313	1758	4A
87J-PBS-4A-0310	6500@800	2000	642-2922	1600	135	—	35	222	339	308	1809	4A
87J-PBS-4A-0330	6500@800	2200	752-3332	1400	130	—	30	222	292	313	1844	4A
87J-PBS-4A-0340	6500@800	2200	742-3322	1600	135	—	35	222	329	309	1892	4A
87J-PBS-4A-0360	6500@800	2400	652-3332	1400	130	—	30	222	285	314	1906	4A
87J-PBS-4A-0370	6500@800	2400	642-3322	1600	135	—	35	222	321	310	1957	4A
Articulating Left Arm - Low Pressure - For trucks delivering less than 220 bar of operating pressure												
87J-PBS-4A-0200	6500@800	2000	642-2922	1200	130	135	25	222	290	311	1768	4A
87J-PBS-4A-0210	6500@800	2000	632-2912	1400	130	140	30	222	335	305	1867	4A
87J-PBS-4A-0220	6500@800	2000	622-2902	1600	135	140	35	222	366	303	1899	4A
87J-PBS-4A-0230	6500@800	2200	742-3322	1200	130	135	25	222	269	315	1824	4A
87J-PBS-4A-0240	6500@800	2200	732-3312	1400	130	140	30	222	317	311	1923	4A
87J-PBS-4A-0250	6500@800	2200	722-3302	1600	135	140	35	222	356	305	1976	4A
87J-PBS-4A-0270	6500@800	2400	632-3312	1400	130	140	30	222	313	309	2001	4A
87J-PBS-4A-0280	6500@800	2400	622-3302	1600	135	140	35	222	347	306	2050	4A

- Standard arm facing is smooth round bar which reduces potential for tearing the bale wrapper.
- Optional higher friction re-bar arm facing is available upon request.
- Button head facing is an option which minimizes the potential for damaging the wire wrapped around the unitized load.
- All models include full length wear strip under arms.
- **Consult Cascade** for high pressure attachments for use with lift trucks with auxiliary pressures between 220 and 265 bar max.
- Pin mounting and Class 5 mounting are available. **Consult Cascade** for specifications.

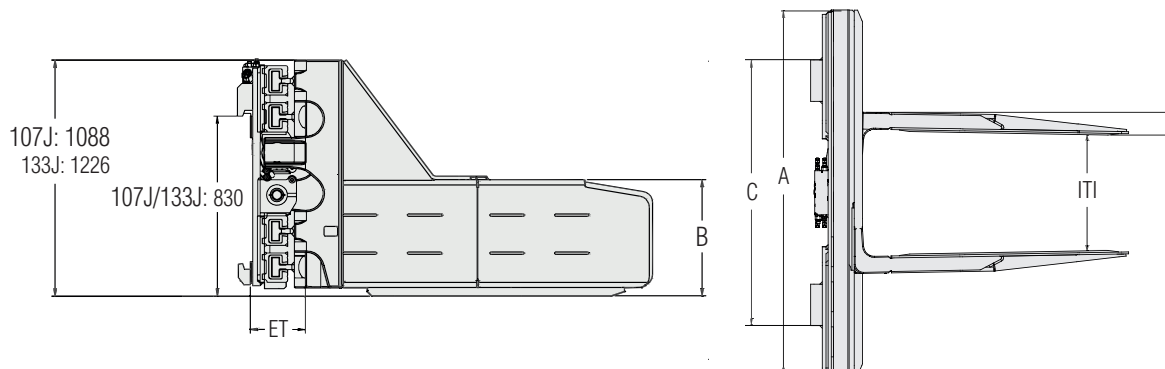
Arm Facing Options



Re-bar Ribs



Button Head



Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Arm Height	Arm Toe-in	Min. Truck Carriage Width	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
		A	ITI	LxT	B	J	C	ET	HCG	VCG		ISO 2328
	kg@mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
Low Pressure - For trucks delivering less than 190 bar of operating pressure												
107J-PBS-5A-0200	8000@800	2000	600-2700	2400x145	535	80	1500	253	438	380	2724	5A
107J-PBS-5A-0240	8000@800	2400	700-3380	1800x135	535	60	1500	253	307	400	2782	5A
107J-PBS-5A-0280	8000@800	2800	600-3580	1600x135	535	50	1900	253	264	408	2820	5A
107J-PBS-5A-0320	8000@800	3200	700-4100	1400x130	535	45	2300	253	234	414	2994	5A
133J-PBS-5A-0240	10000@800	2400	700-2700	2700x155	825	125	1600	328	632	482	4196	5A
133J-PBS-5A-0280	10000@800	2800	700-3510	1500x125	575	70	2000	328	307	448	3439	5A
133J-PBS-5A-0330	10000@800	3300	730-4060	1400x125	825	65	2500	328	314	461	3816	5A
133J-PBS-5A-0360	10000@800	3600	900-4600	1500x125	575	70	2800	328	295	510	3783	5A

- ▶ One articulating or two articulating arms available upon request.
- ▶ Pin-Type mounting and all other lift truck style mountings are available. **Consult Cascade** for specifications.