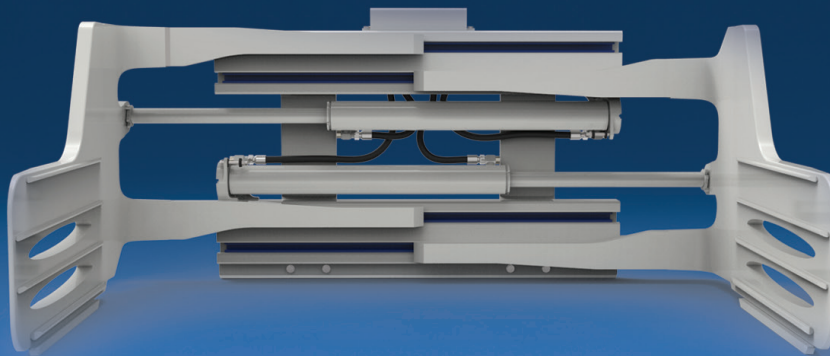


Rugged and Durable Clamp Built to Excel in Harsh Recycling Operations.



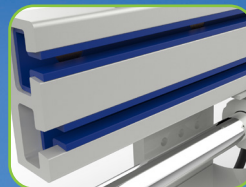
Cylinder bumper protects the hydraulic lines and cylinders from impact and debris



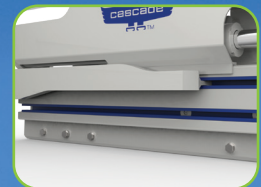
Arm corner casting provides superior strength over the life of the clamp



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



No maintenance bearings with 10,000 hour warranty



Hardened full width wear strip protects frame from damage when scraping on the ground

APPLICATIONS

Cascade Recycling Clamps are designed with full width alloy steel wear bars to endure harsh recycling environments.

J-SERIES FEATURES

Industry-leading visibility.

Efficient hydraulic system which minimizes 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.

- 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.

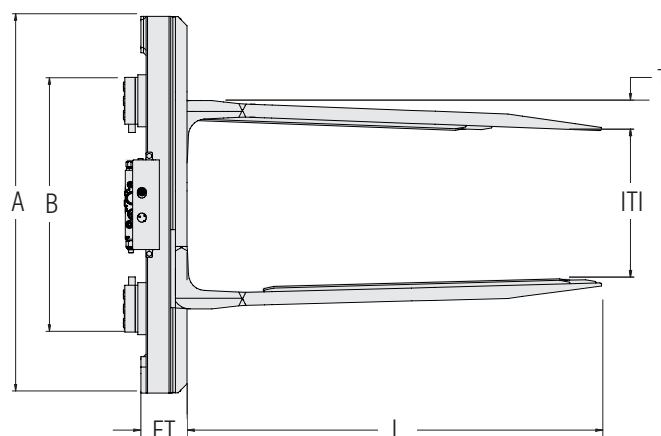
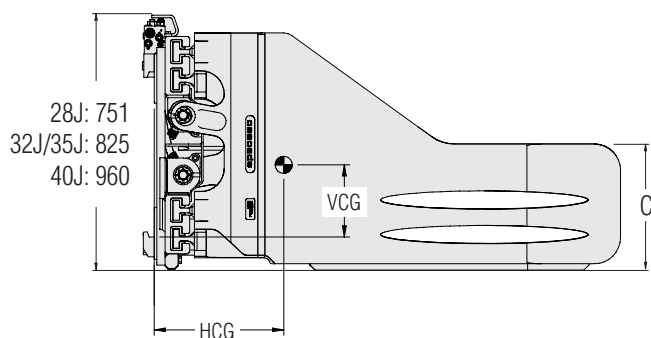
- Integrated true centering key for precise and secure installation.
- Available in two pressure offerings to match attachment to truck hydraulic system.

UNIQUE FEATURES

- Integral arm casting for added strength.
- Hardened steel full width wear bars protects frame from wear when scraping on the ground.
- Bumper/Cylinder cover.
- Full length wear tile under arms protects arms and allows better sweeping capabilities.
- Cylinders with metallic wiper rings to prevent foreign material entering the cylinder.

OPTIONS

- High and Low pressure hydraulics systems.
- Basic and sideshifting models.
- Independent arm control.
- Arm options available: Round bar, serrated rib & button.
- External sideshifting mounting available.
- Special wide open ranges available for single pass full width truck loading.
- Factory installed load backrest.
- Quick Disconnect Mounting Kit.



Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Arm Height	Min Truck Carriage	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A mm	ITI mm	LxT mm	C mm	B mm	ET mm	HCG mm	VCG mm	kg	ISO 2328
Low Pressure - For trucks delivering less than 190 bar of operating pressure											
28J-WCS-3A-0130③	3300@500	1150	560-1950	1000x68	550	811	154	259	293	707	3A
28J-WCS-3A-0140③	3300@500	1150	540-1930	1200x78	550	811	154	320	285	770	3A
28J-WCS-3A-0150③	3300@500	1150	530-1920	1400x81	550	811	154	380	280	815	3A
28J-WCS-3A-0160③	3300@500	1350	540-2130	1200x78	550	811	154	307	286	812	3A
28J-WCS-3A-0170③	3300@500	1350	530-2120	1400x81	550	811	154	365	281	858	3A
28J-WCS-3A-0180③	3300@500	1450	640-2320	1200x78	550	811	154	299	286	835	3A
28J-WCS-3A-0190③	3300@500	1450	630-2310	1400x81	550	811	154	356	281	880	3A
32J-WCS-3A-0120	3800@500	1150	560-1950	1000x68	550	811	163	266	318	764	3A ①
32J-WCS-3A-0130	3800@500	1150	540-1930	1200x78	550	811	163	331	310	829	3A ①
32J-WCS-3A-0140	3800@500	1150	530-1920	1400x81	550	811	163	390	303	878	3A ①
32J-WCS-3A-0150	3800@500	1250	440-1830	1200x78	550	811	163	328	309	838	3A ①
32J-WCS-3A-0160	3800@500	1250	430-1820	1400x81	550	811	163	386	303	887	3A ①
32J-WCS-3A-0170	3800@500	1350	540-2130	1200x78	550	811	163	318	311	873	3A ①
32J-WCS-3A-0180	3800@500	1350	530-2120	1400x81	550	811	163	375	305	922	3A ①
32J-WCS-3A-0190	3800@500	1450	630-2420	1400x81	550	811	163	366	306	953	3A ①
35J-WCS-4A-0230	3500@600	1250	540-2030	1200x80	550	911	197	346	259	901	4A ②
35J-WCS-4A-0240	3500@600	1250	520-2010	1400x90	550	911	197	403	254	948	4A ②
35J-WCS-4A-0250	3500@600	1250	500-1990	1600x100	550	911	197	464	250	994	4A ②
35J-WCS-4A-0260	3500@600	1450	645-2500	1600x100	550	911	197	395	254	973	4A ②
35J-WCS-4A-0270	3500@600	1750	505-2340	1600x100	550	911	197	431	252	1101	4A ②
40J-WCS-4A-0240	4000@600	1500	635-2375	1200x105	485	930 ③	178	282	299	1187	4A
40J-WCS-4A-0250	4000@600	1500	625-2365	1400x110	485	930 ③	178	343	294	1290	4A
40J-WCS-4A-0260	4000@600	1500	605-2345	1600x120	485	930 ③	178	401	289	1369	4A
40J-WCS-4A-0270	4000@600	1700	560-2495	1200x105	485	930 ③	178	279	305	1208	4A
40J-WCS-4A-0280	4000@600	1700	550-2485	1400x110	485	930 ③	178	333	294	1342	4A
40J-WCS-4A-0290	4000@600	1700	530-2465	1600x120	485	930 ③	178	389	290	1421	4A

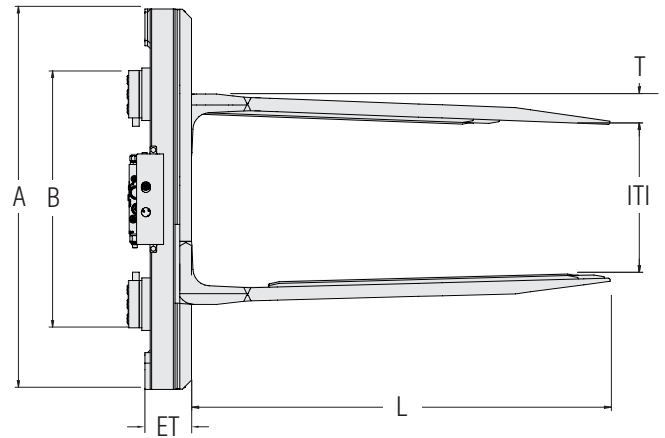
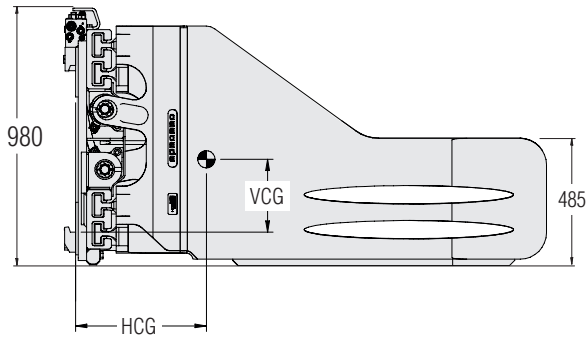
① Class 4A Mounting available on 32J models.

② Class 3A Mounting available on 35J models.

③ Optional regenerative valve available on 28J models.

► Consult Cascade for high pressure attachments for use with lift trucks with auxiliary pressures between 190 and 250 bar max.

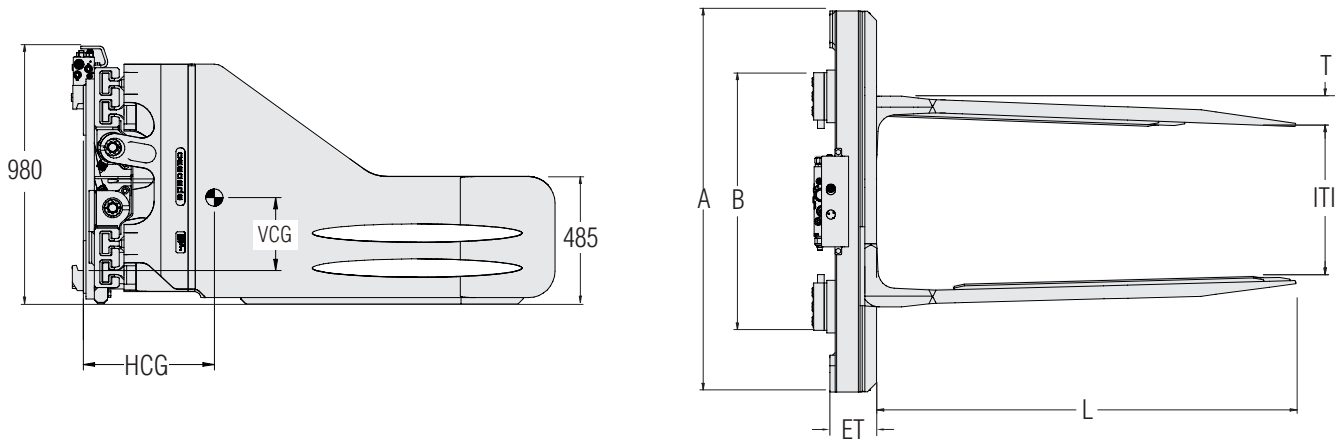
► All models include a frame bumper and full length wear bars under frame and arms.



Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Min. Truck Carriage Width	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A mm	ITI mm	LxT 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-WCS-4A-0200	4000@800	1350	600-2170	1200x95	1080	200	295	309	1277	4A
53J-WCS-4A-0210	4000@800	1350	590-2155	1400x105	1080	200	358	303	1392	4A
53J-WCS-4A-0220	4000@800	1350	570-2135	1600x115	1080	200	416	298	1479	4A
53J-WCS-4A-0230	4000@800	1450	625-2343	1200x95	1080	200	289	310	1316	4A
53J-WCS-4A-0240	4000@800	1450	605-2323	1400x105	1080	200	351	304	1430	4A
53J-WCS-4A-0250	4000@800	1450	585-2303	1600x115	1080	200	408	299	1517	4A
53J-WCS-4A-0260	4000@800	1650	725-2743	1200x95	1080	200	278	311	1402	4A
53J-WCS-4A-0270	4000@800	1650	705-2723	1400x105	1080	200	337	306	1517	4A
53J-WCS-4A-0280	4000@800	1650	685-2703	1600x115	1080	200	391	301	1603	4A

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

► **Consult Cascade** for high pressure attachments for use with lift trucks with auxiliary pressures between 190 and 250 bar max.



Catalogue Order No.	Capacity @ Load Centre	Overall Width	Opening Range	Arm Size	Min. Truck Carriage Width	Effective Thickness	Horizontal Centre of Gravity	Vertical Centre of Gravity	Weight	Mounting Class
	kg@mm	A mm	ITI mm	LxT 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-WCS-4A-0200	5000@800	1550	610-2375	1200x95	1080	205	283	311	1385	4A
67J-WCS-4A-0210	5000@800	1550	590-2355	1400x105	1080	205	343	306	1499	4A
67J-WCS-4A-0220	5000@800	1550	560-2325	1600x120	1080	205	398	301	1586	4A
67J-WCS-4A-0230	5000@800	1700	610-2553	1200x95	1080	205	276	312	1439	4A
67J-WCS-4A-0240	5000@800	1700	590-2533	1400x105	1080	205	334	306	1553	4A
67J-WCS-4A-0250	5000@800	1700	560-2503	1600x120	1080	205	388	302	1640	4A
67J-WCS-4A-0260	5000@800	2050	725-3133	1200x95	1280	205	376	305	1786	4A
67J-WCS-4A-0270	5000@800	2050	705-3113	1400x105	1280	205	314	308	1701	4A
67J-WCS-4A-0280	5000@800	2050	675-3083	1600x120	1280	205	365	304	1788	4A

- ▶ All models include a frame bumper and full length wear bars under frame and arms.
- ▶ **Consult Cascade** for high pressure attachments for use with lift trucks with auxiliary pressures between 190 and 250 bar max.