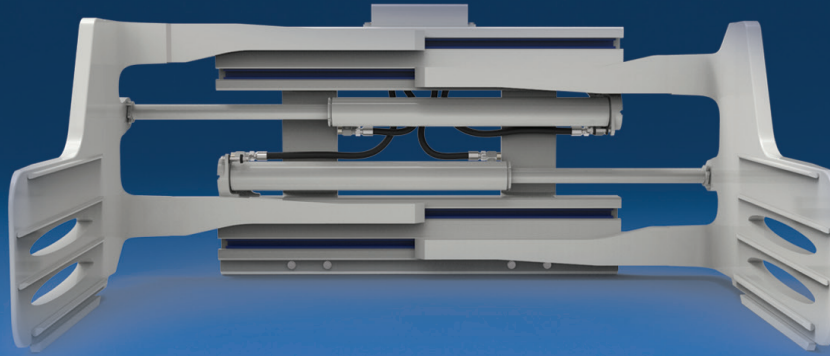
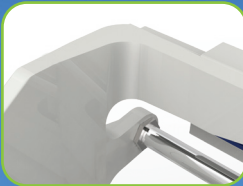


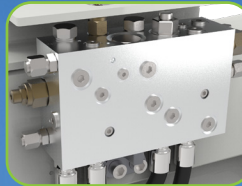
Rugged and Durable Clamp Built to Excel in Harsh Recycling Operations.



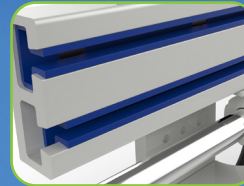
Cylinder bumper protects the hydraulic lines and cylinders from impact and debris



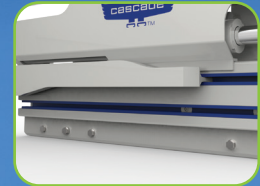
Arm corner casting provides superior strength over the life of the clamp



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 maximizes 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 optimizes 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

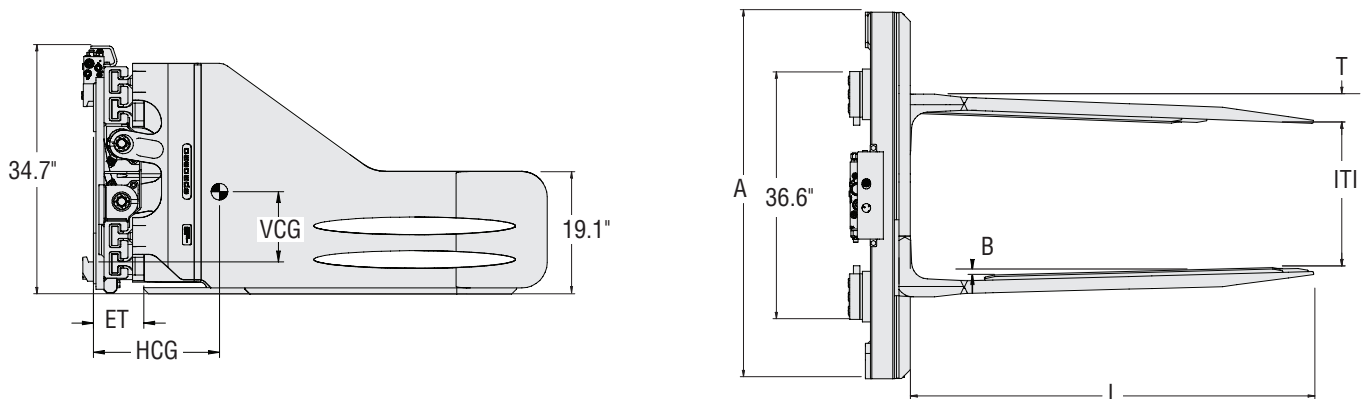
hydraulic system.

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.



Sideshifting Integral Arms

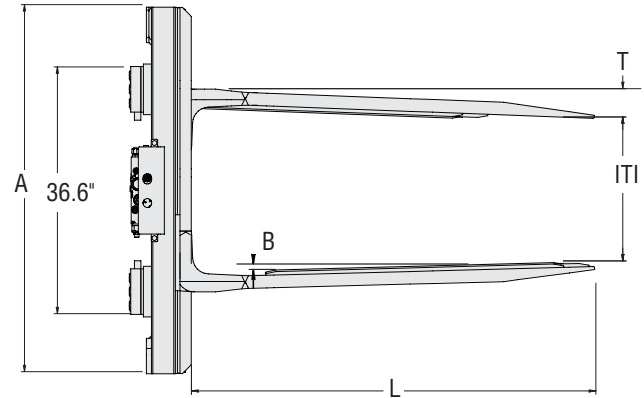
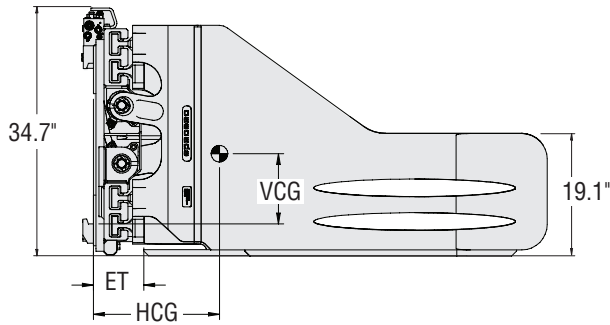
Catalog Order No.	Capacity@ 24" (600 mm) Load Center		Overall Width A	Opening Range ⓘ ITI	Mounting Class	Arm Size LxT	Arm Toe-in B	Weight		Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG	Effective Thickness ET
	lbs	kg						lbs	kg			
Low Pressure Models (Truck Operating Pressures Up To 2,760 psi)												
40J-WCS-4A-0210	8,800	4,000	55"	19.3"- 80.9"	IV	47.2" x 4.1"	1.8"	2,496	1,134	11.4"	11.7"	7.0"
40J-WCS-4A-0220	8,800	4,000	55"	18.9"- 80.5"	IV	55.1" x 4.3"	2.4"	2,718	1,236	13.9"	11.5"	7.0"
40J-WCS-4A-0230	8,800	4,000	55"	18.1"- 79.7"	IV	63.0" x 4.7"	3.1"	2,894	1,316	16.3"	11.3"	7.0"
40J-WCS-4A-0240	8,800	4,000	59"	25.0"- 93.5"	IV	47.2" x 4.1"	1.8"	2,612	1,187	11.1"	11.8"	7.0"
40J-WCS-4A-0250	8,800	4,000	59"	24.6"- 93.1"	IV	55.1" x 4.3"	2.4"	2,838	1,290	13.5"	11.6"	7.0"
40J-WCS-4A-0260	8,800	4,000	59"	23.8"- 92.3"	IV	63.0" x 4.7"	3.1"	3,011	1,369	15.8"	11.4"	7.0"
40J-WCS-4A-0270	8,800	4,000	67"	22.0"- 98.2"	IV	47.2" x 4.1"	1.8"	2,657	1,208	11.0"	12.0"	7.0"
40J-WCS-4A-0280	8,800	4,000	67"	21.7"- 97.8"	IV	55.1" x 4.3"	2.4"	2,953	1,342	13.1"	11.6"	7.0"
40J-WCS-4A-0290	8,800	4,000	67"	20.9"- 97.0"	IV	63.0" x 4.7"	3.1"	3,126	1,421	15.3"	11.4"	7.0"
High Pressure Models (Truck Operating Pressures Over 2,760 psi)												
40J-WCS-4A-0610	8,800	4,000	55"	19.3"- 80.9"	IV	47.2" x 4.1"	1.8"	2,490	1,132	11.4"	11.7"	7.0"
40J-WCS-4A-0620	8,800	4,000	55"	18.9"- 80.5"	IV	55.1" x 4.3"	2.4"	2,716	1,234	13.9"	11.5"	7.0"
40J-WCS-4A-0630	8,800	4,000	55"	18.1"- 79.7"	IV	63.0" x 4.7"	3.1"	2,888	1,313	16.3"	11.3"	7.0"
40J-WCS-4A-0640	8,800	4,000	59"	25.0"- 93.5"	IV	47.2" x 4.1"	1.8"	2,605	1,184	11.1"	11.8"	7.0"
40J-WCS-4A-0650	8,800	4,000	59"	24.6"- 93.1"	IV	55.1" x 4.3"	2.4"	2,831	1,287	13.5"	11.5"	7.0"
40J-WCS-4A-0660	8,800	4,000	59"	23.8"- 92.3"	IV	63.0" x 4.7"	3.1"	3,004	1,365	15.8"	11.4"	7.0"
40J-WCS-4A-0670	8,800	4,000	67"	22.0"- 98.2"	IV	47.2" x 4.1"	1.8"	2,719	1,236	10.8"	11.8"	7.0"
40J-WCS-4A-0680	8,800	4,000	67"	21.7"- 97.8"	IV	55.1" x 4.3"	2.4"	2,946	1,339	13.1"	11.6"	7.0"
40J-WCS-4A-0690	8,800	4,000	67"	20.9"- 97.0"	IV	63.0" x 4.7"	3.1"	3,118	1,417	15.4"	11.4"	7.0"

① Published opening range represents nominal clamp dimensions only and may not accommodate loads with same or close to same dimension. Consult Cascade for further assistance.

- ▶ Valve configuration is RH Clamp, LH Sideshift (view from operator). Optional reverse valve configuration available.
- ▶ **All models include a frame bumper and full width under frame wear bar.**
- ▶ Quick Disconnect mounting available.
- ▶ Clearly specify machine type the clamp is to be mounted on.

▶ Quotes will need to consider special hook group and flow control.

- ▶ Wheel Loader and Telehandlers require special hook configurations.
- ▶ Wheel Loaders and Telehandlers are subject to the same flow and pressure requirements as Forklifts.
- ▶ Flow control is required for applications which exceed the maximum stated flow requirements.
- ▶ **Non-sideshifting models available upon request.**



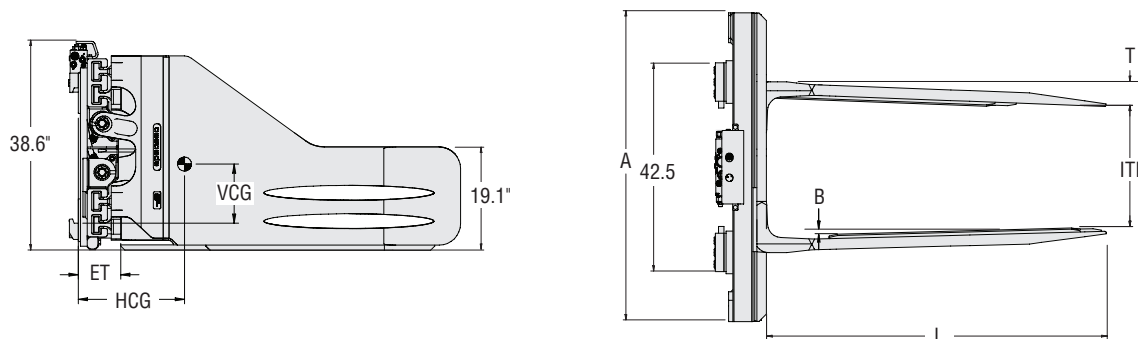
Sideshifting Integral Arms

Catalog Order No.	Capacity@ 31.5" (800 mm) Load Center		Overall Width A	Opening Range ① ITI	Mounting Class	Arm Size LxT	Arm Toe-in B	Weight		Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG	Effective Thickness ET
	lbs	kg						lbs	kg			
Low Pressure Models (Truck Operating Pressures Up To 2,760 psi)												
53J-WCS-4A-0200	8,800	4,000	53"	23.6" - 85.4" ①	IV	47.2" x 3.7"	1.4"	2,809	1,277	11.6"	12.2"	7.9"
53J-WCS-4A-0210	8,800	4,000	53"	23.2" - 84.8" ①	IV	55.1" x 4.1"	2.0"	3,063	1,392	14.1"	11.9"	7.9"
53J-WCS-4A-0220	8,800	4,000	53"	22.4" - 84.1" ①	IV	63.0" x 4.5"	3.0"	3,254	1,479	16.4"	11.7"	7.9"
53J-WCS-4A-0230	8,800	4,000	57"	24.6" - 92.2" ①	IV	47.2" x 3.7"	1.4"	2,897	1,317	11.4"	12.2"	7.9"
53J-WCS-4A-0240	8,800	4,000	57"	23.8" - 91.5" ①	IV	55.1" x 4.1"	2.0"	3,147	1,431	13.8"	12.0"	7.9"
53J-WCS-4A-0250	8,800	4,000	57"	23.0" - 90.7" ①	IV	63.0" x 4.5"	3.0"	3,338	1,517	16.1"	11.8"	7.9"
53J-WCS-4A-0260	8,800	4,000	65"	28.5" - 108.0" ①	IV	47.2" x 3.7"	1.4"	3,085	1,402	10.9"	12.2"	7.9"
53J-WCS-4A-0270	8,800	4,000	65"	27.8" - 107.2" ①	IV	55.1" x 4.1"	2.0"	3,337	1,517	13.3"	12.0"	7.9"
53J-WCS-4A-0280	8,800	4,000	65"	27.0" - 106.4 ①	IV	63.0" x 4.5"	3.0"	3,527	1,603	15.4"	11.9"	7.9"
High Pressure Models (Truck Operating Pressures Over 2,760 psi)												
53J-WCS-4A-0600	8,800	4,000	53"	23.6" - 85.2" ①	IV	47.2" x 3.7"	1.4"	2,809	1,277	11.6"	12.2"	7.9"
53J-WCS-4A-0610	8,800	4,000	53"	23.2" - 84.4" ①	IV	55.1" x 4.1"	2.0"	3,061	1,391	14.1"	11.9"	7.9"
53J-WCS-4A-0620	8,800	4,000	53"	22.4" - 84.7" ①	IV	63.0" x 4.5"	3.0"	3,252	1,478	16.4"	11.7"	7.9"
53J-WCS-4A-0630	8,800	4,000	57"	24.6" - 92.2" ①	IV	47.2" x 3.7"	1.4"	2,896	1,316	11.4"	12.2"	7.9"
53J-WCS-4A-0640	8,800	4,000	57"	23.8" - 91.5" ①	IV	55.1" x 4.1"	2.0"	3,147	1,431	13.8"	12.0"	7.9"
53J-WCS-4A-0650	8,800	4,000	57"	23.0" - 90.7" ①	IV	63.0" x 4.5"	3.0"	3,338	1,517	16.1"	11.8"	7.9"
53J-WCS-4A-0660	8,800	4,000	65"	28.5" - 108.0" ①	IV	47.2" x 3.7"	1.4"	3,085	1,402	10.9"	12.2"	7.9"
53J-WCS-4A-0670	8,800	4,000	65"	27.8" - 107.2" ①	IV	55.1" x 4.1"	2.0"	3,337	1,517	13.3"	12.0"	7.9"
53J-WCS-4A-0680	8,800	4,000	65"	27.0" - 106.4 ①	IV	63.0" x 4.5"	3.0"	3,527	1,603	15.4"	11.9"	7.9"

① Published opening range represents nominal clamp dimensions only and may not accommodate loads with same or close to same dimension. Consult Cascade for further assistance.

- ▶ Valve configuration is RH Clamp, LH Sideshift (view from operator). Optional reverse valve configuration available.
- ▶ **All models include a frame bumper and full width under frame wear bar.**
- ▶ Quick Disconnect mounting available.
- ▶ Clearly specify machine type the clamp is to be mounted on.
- ▶ Quotes will need to consider special hook group and flow control.

- ▶ Wheel Loader and Telehandlers require special hook configurations.
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Sideshifting Integral Arms

Catalog Order No.	Capacity @ 31.5" (800 mm) Load Center		Overall Width A	Opening Range ITI	Mounting Class	Arm Size LxT	Arm Toe-in B	Weight		Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG	Effective Thickness ET
	lbs	kg						lbs	kg			
Low Pressure Models (Truck Operating Pressures Up To 2,760 psi)												
67J-WCS-4A-0200	11,000	5,000	61"	24.0" - 93.5" ①	IV	47.2" x 3.7"	1.4"	3,047	1,385	11.1"	12.2"	8.1"
67J-WCS-4A-0210	11,000	5,000	61"	23.2" - 92.7" ①	IV	55.1" x 4.1"	2.0"	3,298	1,499	13.5"	12.0"	8.1"
67J-WCS-4A-0220	11,000	5,000	61"	22.0" - 91.5" ①	IV	63.0" x 4.7"	3.0"	3,489	1,586	15.7"	11.9"	8.1"
67J-WCS-4A-0230	11,000	5,000	67"	28.0" - 100.5" ①	IV	47.2" x 3.7"	1.4"	3,165	1,439	10.9"	12.3"	8.1"
67J-WCS-4A-0240	11,000	5,000	67"	27.2" - 99.7" ①	IV	55.1" x 4.1"	2.0"	3,416	1,553	13.1"	12.0"	8.1"
67J-WCS-4A-0250	11,000	5,000	67"	26.0" - 98.5" ①	IV	63.0" x 4.7"	3.0"	3,607	1,640	15.3"	11.9"	8.1"
67J-WCS-4A-0260	11,000	5,000	81"	24.0" - 123.3" ①	IV	47.2" x 3.7"	1.4"	3,926	1,785	14.8"	12.0"	8.1"
67J-WCS-4A-0270	11,000	5,000	81"	23.2" - 122.6" ①	IV	55.1" x 4.1"	2.0"	3,742	1,701	12.4"	12.1"	8.1"
67J-WCS-4A-0280	11,000	5,000	81"	22.0" - 121.4" ①	IV	63.0" x 4.7"	3.0"	3,933	1,788	14.4"	12.0"	8.1"
High Pressure Models (Truck Operating Pressures Over 2,760 psi)												
67J-WCS-4A-0600	11,000	5,000	61"	24.0" - 93.5" ①	IV	47.2" x 3.7"	1.4"	3,047	1,385	11.1"	12.2"	8.1"
67J-WCS-4A-0610	11,000	5,000	61"	23.2" - 92.7" ①	IV	55.1" x 4.1"	2.0"	3,298	1,499	13.5"	12.0"	8.1"
67J-WCS-4A-0620	11,000	5,000	61"	22.0" - 91.5" ①	IV	63.0" x 4.7"	3.0"	3,489	1,586	15.7"	11.9"	8.1"
67J-WCS-4A-0630	11,000	5,000	67"	28.0" - 100.5" ①	IV	47.2" x 3.7"	1.4"	3,165	1,439	10.9"	12.3"	8.1"
67J-WCS-4A-0640	11,000	5,000	67"	27.2" - 99.7" ①	IV	55.1" x 4.1"	2.0"	3,416	1,553	13.1"	12.0"	8.1"
67J-WCS-4A-0650	11,000	5,000	67"	26.0" - 98.5" ①	IV	63.0" x 4.7"	3.0"	3,607	1,640	15.3"	11.9"	8.1"
67J-WCS-4A-0660	11,000	5,000	81"	24.0" - 123.3" ①	IV	47.2" x 3.7"	1.4"	3,926	1,785	14.8"	12.0"	8.1"
67J-WCS-4A-0670	11,000	5,000	81"	23.2" - 122.6" ①	IV	55.1" x 4.1"	2.0"	3,742	1,701	12.4"	12.1"	8.1"
67J-WCS-4A-0680	11,000	5,000	81"	22.0" - 121.4" ①	IV	63.0" x 4.7"	3.0"	3,933	1,788	14.4"	12.0"	8.1"

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