

Versatility, Efficiency.

A versatile, high-production roll clamp for kraft, newsprint and coated papers.

APPLICATIONS

Designed for mills, warehouses, printers, newspaper publishers and converters with demanding operations handling kraft, newsprint and coated paper stocks.

FEATURES

Reduced Roll Damage

- Proven contact pad shape and surface holds rolls securely
- Thin-arm profile and smooth-arm contour eases roll breakout and permits close stacking
- Positioned Short Arm and Swing Frame models maintain thin-arm profile over a wide range of roll diameters

Faster Roll Handling

- Good visibility through and around clamp
- Continuous 360˚ rotation

Excellent Durability

- Unitized construction provides structural integrity in arms and frame
- Proven strong rotator
- Pivot bushings are lube-free and provide longer service life

Serviceability

- Check valve diagnostic port and check valves can be serviced without clamp disassembly
- Lifting eyes on the baseplate for easy removal and installation of the clamp
- Easy-access hydraulics

MODELS

Fixed Frame/Fixed Short Arm

- Good arm profile when handling rolls near maximum diameter

Fixed Frame/Positioned Short Arm

- Good long-arm profile over a wide range of roll diameters

Swing Frame/Positioned Short Arm

- Improves handling in tight stacking locations such as boxcar breakout, allows easy lateral positioning
- Arms can be positioned to equal length configuration

Split Arm Option

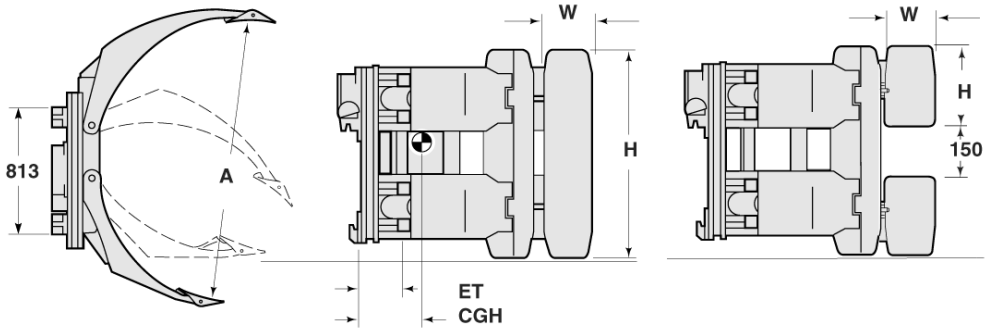
- The two long arm sections move independently, allowing you to handle two different size rolls simultaneously

OPTIONS

- AFC (Adaptive Force Control) for automatic control of clamping pressure that changes as roll weight changes
- 180˚ mechanical stop group
- Electronic Rotational Control for precise 180˚ and 90˚ (bilge) positioning
- Adjustable bumper that ensures rolls are correctly positioned between the pads, not trapped in the arms. Not available on Split-Arm models
- Wide variety of rubber, urethane and other pads are available for improved handling of certain papers

45F PAPER ROLL CLAMP

Solid Arm (RC) Split Long Arm (RD)



Model	Capacity	Load Centre	Frame Width	Open AMin	Open AMax	ET	CGH	Mass	Mounting	Contact Pad Gap	Pad H(SA)	Pad H(LA)	Pad W	Mounting Angle	Hook Spread OTO
45F-RCF-A602	2000	575	813	460	1150	183	244	610	2A/3A	NA	840	840	230	2	813
45F-RCP-A601	2000	575	813	205	1150	183	248	618	2A/3A	NA	840	840	230	2	813
45F-RCF-A604	2000	650	813	635	1300	183	271	640	2A/3A	NA	840	840	230	2	813
45F-RCP-A603	2000	650	813	250	1300	183	274	648	2A/3A	NA	840	840	230	2	813
45F-RCF-A608	2000	700	813	530	1400	183	281	678	2A/3A	NA	840	840	230	2	813
45F-RCP-A609	2000	700	813	250	1400	183	284	685	2A/3A	NA	840	840	230	2	813
45F-RCF-A607	2000	800	813	635	1600	183	301	755	2A/3A	NA	840	840	230	2	813
45F-RCP-A606	2000	800	813	350	1600	183	304	765	2A/3A	NA	840	840	230	2	813
45F-RDF-A602	2000	575	813	460	1150	183	244	610	2/3A	150	840	345	230	2	813
45F-RDP-A601	2000	575	813	205	1150	183	248	613	2/3A	150	840	345	230	2	813
45F-RDF-A604	2000	650	813	635	1300	183	271	635	2/3A	150	840	345	230	2	813
45F-RDP-A603	2000	650	813	250	1300	183	274	648	2/3A	150	840	345	230	2	813
45F-RDF-A608	2000	700	813	530	1400	183	281	673	2/3A	150	840	345	230	2	813
45F-RDP-A609	2000	700	813	250	1400	183	284	680	2/3A	150	840	345	230	2	813
45F-RDF-A607	2000	800	813	635	1600	183	301	750	2/3A	150	840	345	230	2	813
45F-RDP-A606	2000	800	813	350	1600	183	304	765	2/3A	150	840	345	230	2	813
45F-RCS-A621	2000	575		205	1150	183	235	693	2A	NA	840	840	230	2	813
45F-RCS-A623	2000	650		250	1300	183	258	721	2A	NA	840	840	230	2	813

- RCF-RDF models have a fixed short arm.
- RCP-RDP models have a positioned short arm.
- Split Arm available. Consult Cascade for specifications.
- Cascade Cast Pad is standard.

HYDRAULIC FUNCTIONS

Model	Hydraulic Functions	Truck Aux. Valves Required
Fixed Frame	2	2
Swing Frame	3	2

HYDRAULIC FLOW & PRESSURE (L/Min.)

Min. Flow Pressure	Recommended Flow	Maximum Flow (rotate, clamp)	Max.
19	38	57	160 bar

MINIMUM TRUCK CARRIAGE WIDTH

45F	813 mm

ROTATOR SPECIFICATIONS

Rotator Speed	Rotator Torque
5.0 RPM @ 57 L/Min.	8,150 Nm. @ 140 bar

- Optional motors providing faster rotation are available. Reduced torque will result.

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity at Load centre
3	2,501-4,999 kg at 500 mm
4	5,000-8,000 kg at 500 mm

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