

A versatile, high production roll clamp for heavy kraft, linerboard and coated stocks.

The standard for the kraft industry.

APPLICATIONS

The 90F and 100F Paper Roll Clamps are designed for operations that handle large, heavy rolls such as kraft, linerboard and heavily coated stocks. They are application rated and field proven for demanding operations. Available load capacities range from 2,700 to 5,000 kg. depending on the model, with roll diameters ranging from 1,300 to 2,200 mm.

FEATURES

Reduced Roll Damage

- Proven contact pad shape and surface holds rolls securely
- Positioned Short Arm and Swing Frame models maintain thin arm profile over a wide range of roll diameters, easing roll breakout and permitting close stacking

Fast Roll Handling

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

Excellent Durability

- Unitized construction provides structural integrity in arms and frame
- Proven, heavy-duty 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

- Excellent arm profile when handling rolls near max. diameter.

Fixed Frame/Positioned Short Arm

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

Swing Frame/Positioned Short Arm

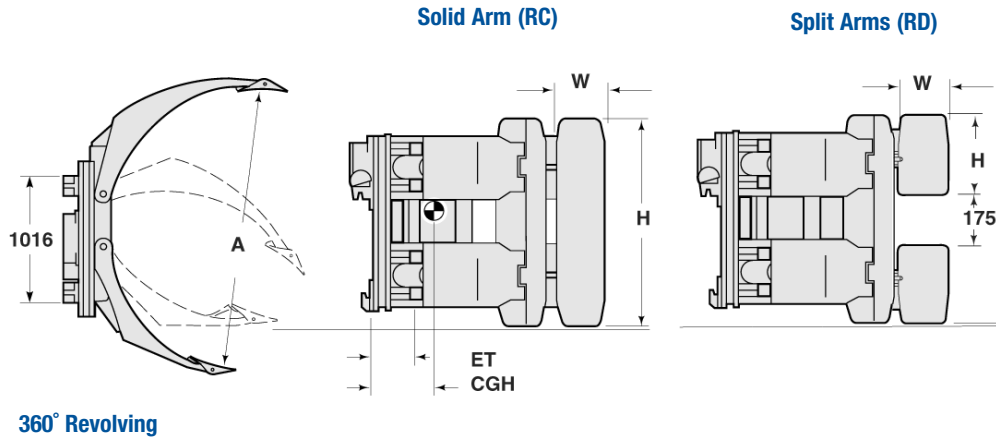
- Improves handling in tight stacking locations such as boxcar breakout, allows easy lateral positioning
- Arms can be positioned to equal length configuration

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



360° Revolving

Model	Capacity	Load Centre	Open AMin	Open AMax	ET	CGH	Mass	Mounting	Contact Pad Gap	Pad (H)SA	Pad (H)LA	Pad W	Mounting Angle	Hook Spread	OTO
90F-RCF-C606	4500	675	540	1350	198	295	1240	4A	NA	1015	1015	255	2	1016	
90F-RCF-C602	4000	760	540	1520	198	310	1285	4A	NA	1015	1015	255	2	1016	
90F-RCP-C601	4000	760	250	1520	198	310	1295	4A	NA	1015	1015	255	2	1016	
90F-RCF-C604	3400	915	660	1830	198	338	1380	4A	NA	1015	1015	255	2	1016	
90F-RCP-C603	3400	915	355	1830	198	338	1390	4A	NA	1015	1015	255	2	1016	
90F-RCF-C608	2700	1100	850	2200	198	380	1480	4A	NA	1015	1015	255	2	1016	
90F-RCP-C607	2700	1100	450	2200	198	380	1490	4A	NA	1015	1015	255	2	1016	
100F-RCP-C601	5000	650	350	1300	200	290	1260	4A	NA	1015	1015	255	2	1016	
100F-RCP-C603	4550	760	540	1520	200	315	1350	4A	NA	1015	1015	255	2	1016	
100F-RCP-C605	3850	915	685	1830	200	340	1420	4A	NA	1015	1015	255	2	1016	
100F-RCP-C607	3400	1065	880	2130	200	380	1520	4A	NA	1015	1015	255	2	1016	
90F-RDF-C606	4500	675	540	1350	198	295	1240	4A	175	1015	420	255	2	1016	
90F-RDF-C602	4000	760	540	1520	198	310	1285	4A	175	1015	420	255	2	1016	
90F-RDP-C601	4000	760	250	1520	198	310	1295	4A	175	1015	420	255	2	1016	
90F-RDF-C604	3400	915	660	1830	198	338	1375	4A	175	1015	420	255	2	1016	
90F-RDP-C603	3400	915	355	1830	198	338	1390	4A	175	1015	420	255	2	1016	
100F-RDP-C601	5000	650	350	1300	200	290	1240	4A	175	1015	420	255	2	1016	
100F-RDP-C603	4550	760	540	1520	200	315	1340	4A	175	1015	420	255	2	1016	
100F-RDP-C605	3850	915	685	1830	200	340	1410	4A	175	1015	420	255	2	1016	

- ▶ Mounting Class 3 available - Consult Cascade.
- ▶ RCF-RDF models have a fixed short arm.
- ▶ RCP-RDP models have a positioned short arm.

HYDRAULIC FUNCTIONS

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

HYDRAULIC FLOW & PRESSURE (L/Min)

Minimum	Recommended	Maximum	Max. Pressure
38	57	76	160 bar

MOUNTING CLASS INFORMATION

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

ROTATOR SPECIFICATIONS

Rotator Speed	Rotator Torque
2.7 RPM @ 57 L/Min.	11,550 Nm. @ 140 bar

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

MINIMUM TRUCK CARRIAGE WIDTH

90F-100F	1,016 mm
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