



*A versatile,
high-production
roll clamp
for kraft, liner-
board and coated
papers.*



Perfect for mid- to large-size rolls.

APPLICATIONS

Designed for mills, converters, corrugators, stevedoring, printers, warehousing and all applications requiring a rugged, heavy-duty paper roll clamp. Rated and field-proven for demanding operations handling kraft, linerboard and coated paper stocks. The 77F handles rolls to 4,000 kg. at 1,300 mm diameter, with roll diameters ranging from 1,300 to 2,030 mm.

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 over a wide range of roll diameters

Fast Roll Handling

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

Excellent Durability

- Unitized construction provides structural integrity in arms and frame
- 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

OPTIONS

- AFC (Adaptive Force Control) for automatic control of clamping pressure that changes as roll weight changes

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

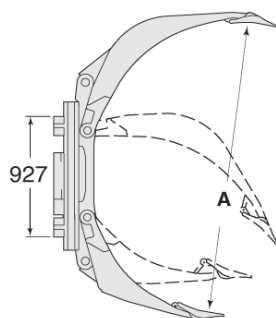
Swing Frame/Positioned Short Arm

- 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

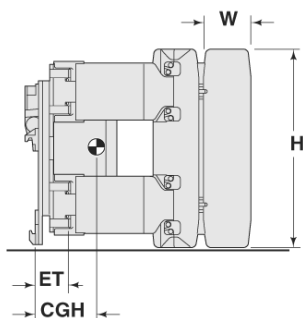
- The two long-arm sections move independently, allowing you to handle two different diameter rolls simultaneously



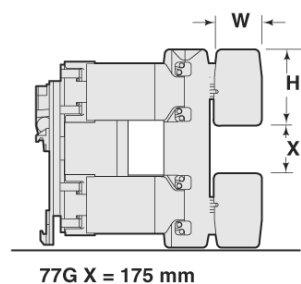


360° Revolving

Solid Arm (RC)



Split Arms (RD)



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
77F-RCF-B606	4000	650	560	1300	198	285	1115	3/4A	NA	1015	1015	255	2	927	
77F-RCP-B605	4000	650	250	1300	198	285	1115	3/4A	NA	1015	1015	255	2	927	
77F-RCF-B602	3500	800	560	1600	198	310	1190	3/4A	NA	1015	1015	255	2	927	
77F-RCP-B601	3500	800	250	1600	198	310	1190	3/4A	NA	1015	1015	255	2	927	
77F-RCF-B604	2800	915	630	1830	198	343	1280	3/4A	NA	1015	1015	255	2	927	
77F-RCP-B603	2800	915	350	1830	198	343	1280	3/4A	NA	1015	1015	255	2	927	
77F-RCF-B608	2500	1015	800	2030	198	390	1385	3/4A	NA	1015	1015	255	2	927	
77F-RCP-B607	2500	1015	635	2030	198	390	1385	3/4A	NA	1015	1015	255	2	927	
77F-RDF-B606	4000	650	560	1300	198	314	1105	3/4A	175	1015	420	255	2	927	
77F-RDP-B605	4000	650	250	1300	198	314	1105	3/4A	175	1015	420	255	2	927	
77F-RDF-B602	3500	800	560	1600	198	319	1180	3/4A	175	1015	420	255	2	927	
77F-RDP-B601	3500	800	250	1600	198	319	1180	3/4A	175	1015	420	255	2	927	
77F-RDF-B604	2800	915	630	1830	198	352	1270	3/4A	175	1015	420	255	2	927	
77F-RDP-B603	2800	915	350	1830	198	352	1270	3/4A	175	1015	420	255	2	927	
77F-RCS-B621	3500	800	250	1600	200	309	1280	3/4A	NA	1015	1015	255	2	927	
77F-RCS-B623	2800	915	460	1830	200	339	1375	3/4A	NA	1015	1015	255	2	927	

- 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 Short Arm	2	2
Positioned Short Arm	3	2
Swing Frame	3	2

HYDRAULIC FLOW & PRESSURE (L/Min)

Minimum	Recommended	Maximum	Max. Pressure
38	57	76	160 bar

ROTATOR SPECIFICATIONS

Rotator Speed	Rotator Torque
4.1 RPM @ 57 L/Min.	9,630 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 500mm
4	5,000-8,000 kg at 500mm

MINIMUM TRUCK CARRIAGE WIDTH

77F	940 mm
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