



Swing frame flexibility for tight locations.

APPLICATIONS

Designed for mills, converters, corrugators, 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 60F handles rolls to 6,000 lbs. for 51" and 60" diameter.

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

Proven Durability

- Unitized construction provides structural integrity in arms and frame
- Strong rotator drive train
- Pivot bushings are lube-free and provide long service life

MODELS

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

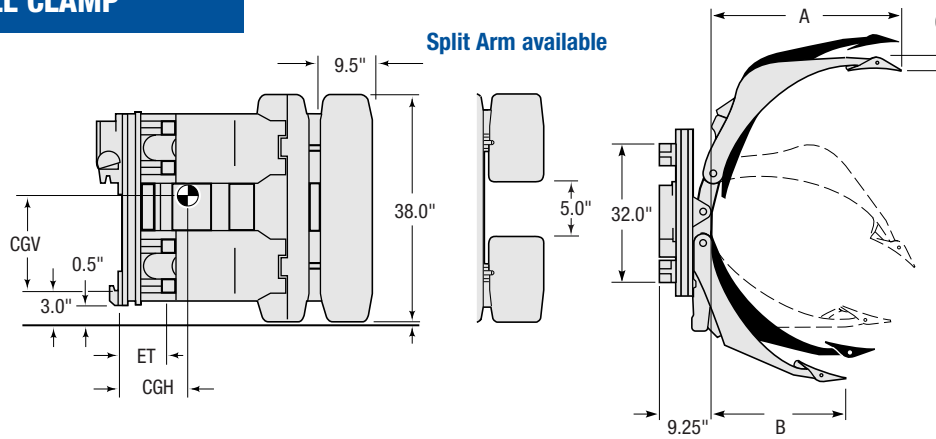
Split arm option

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



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

60F PAPER ROLL CLAMP



Solid Arm

Capacity Lbs. @ Diameter	Roll Range	Type	Catalog Order No.	Mounting Class	Mounting Angle ①	Weight (Lbs.)	Effective Thickness			Long Arm Length	Short Arm Length	Long Arm Thickness
							ET	CGH	CGV			
6,000 @ 51"	10"-51"	Swing Frame Positioned	60F-RCS-21A	II	0°	1,880	8.0"	10.9"	17.3"	33.3"	22.5"	2.8"②
6,000 @ 51"	10"-51"		60F-RCS-21F	II	4°	1,860	6.9"	9.8"	17.3"	33.3"	22.5"	2.8"②
6,000 @ 51"	10"-51"		60F-RCS-21B	III	0°	1,890	7.8"	10.7"	17.3"	33.3"	22.5"	2.8"②
6,000 @ 51"	10"-51"		60F-RCS-21G	III	4°	1,870	6.3"	9.2"	17.3"	33.3"	22.5"	2.8"②
6,000 @ 60"	10"-60"		60F-RCS-23A	II	0°	2,040	8.0"	12.3"	17.3"	35.9"	27.4"	2.3"②
6,000 @ 60"	10"-60"		60F-RCS-23F	II	4°	2,020	6.9"	11.2"	17.3"	35.9"	27.4"	2.3"②
6,000 @ 60"	10"-60"		60F-RCS-23B	III	0°	2,050	7.8"	12.1"	17.3"	35.9"	27.4"	2.3"②
6,000 @ 60"	10"-60"		60F-RCS-23G	III	4°	2,030	6.3"	10.6"	17.3"	35.9"	27.4"	2.3"②

- ① 4° mounting provides reduced effective thickness (Lost Load) and ease in handling horizontal (bilge) rolls. A 2° mounting is available as an option and offers improved effective thickness and ease in bilge handling compared to 0°. 2° mounting offers increased stacking height compared to 4°. 0° mounting must be used when stacking above 268".
- ② When in equal-arm position, thickness is 1.6" in both long and short arms.
 - ▶ Maximum swing for 10" to 51" roll range is 7.0" and for 10" to 60" roll range is 7.9".
 - ▶ Standard cast pad standard.
 - ▶ Minimum truck carriage width 32".

DAMAGE REDUCTION OPTIONS

- AFC (Adaptive Force Control) is a computer-controlled clamping system that automatically controls the clamp force in proportion to the load weight (includes Load Cushion™)
- Electronic Rotational Control for precise 180° and 90° (bilge) positioning, aligning the pad with the roll and reducing costly paper damage
- Tilt Control automatically controls the angle of the mast and pad, aligning the pad with the roll and eliminating expensive paper damage
- 180° mechanical stop group
- Adjustable bumper that ensures rolls are correctly positioned between the pads, not trapped in the arms
- Load Cushion™—hoist system accumulator that absorbs shocks, reducing the clamp force required to handle the load
- Light Bar Kit and Multi-Setting Relief Valve—light bar shows the pressure setting in use when installed with the relief valve

INSTALLATION KIT

Catalog Order Number

675157

HYDRAULIC FLOW AND PRESSURE

Minimum	Recommended	Maximum	Max. Pressure
5 GPM	10 GPM	15 GPM	2,300 PSI

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
3	2

ROTATOR SPECIFICATIONS

Rotator Speed	Rotator Torque
5 RPM @ 15 GPM	72,000 Inch-Lbs. @ 2,000 PSI

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity
II	2,000-5,500 lbs.
III	6,000-10,000 lbs.

CONTROL VALVE GROUP

The 60F swing frame requires a Control Valve Group and 3-function hosing over the mast.

Truck Voltage	Low Profile Knob	Switch
	Cat. Order No.	Cat. Order No.
12V	206849	6014883
24V	206850	6014885
36V	206851	6014886
48V	206852	6014887