



Rugged construction, great specifications.

APPLICATIONS

To reduce lift truck weight applied to trailer floor in trailer loading applications where 12,000 lb. capacity trucks are used; or in applications where the roll weight dictates increased lift truck retained capacity.

MODELS

Fixed Frame/Positioned Short Arm

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

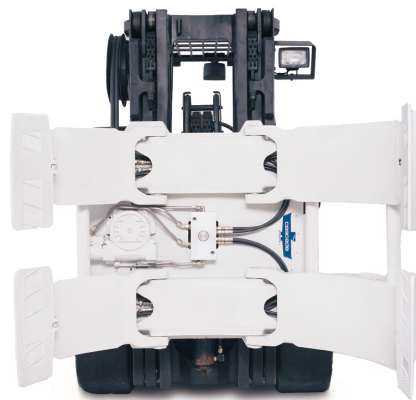
Swing Frame/Positioned Short Arm

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

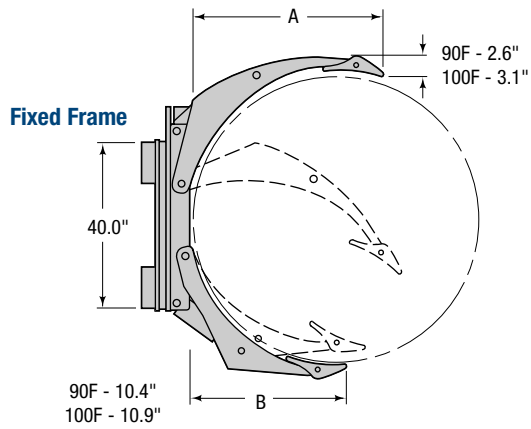
FEATURES

- Reduced effective thickness compared to 90F
- Front mounted motor allowing close nesting to lift truck
- High-flow revolving connection
- Clean hydraulic hose and tube routing
- Same rotator speed and torque as 90F
- Same proven cylinder design as 90F
- Full complement of pad options
- Improved visibility through arms

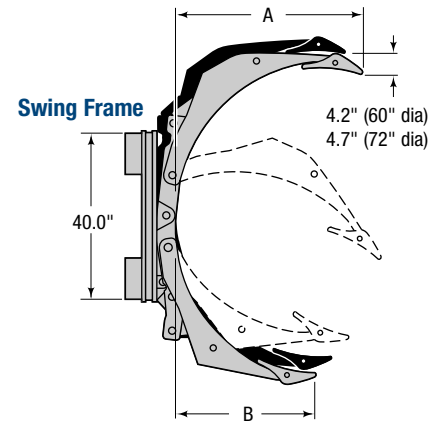
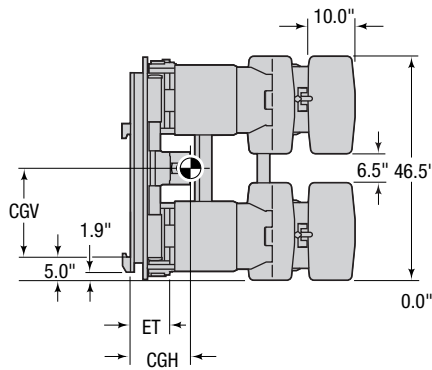
To maximize lift truck capacity, use the 90FX or 100FX Paper Roll Clamp.



90FX & 100FX PAPER ROLL CLAMPS

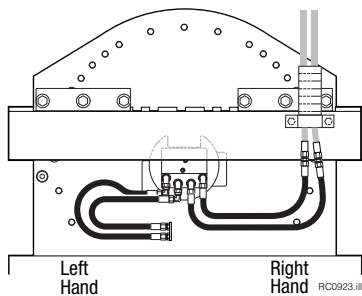


Solid Arm-Split Pad



Capacity Lbs. @ Diameter	Roll Range	Type	Catalog Order No.	Mounting Class ⑤	Mounting Angle	Weight (Lbs.)	Effective Thickness ET	Horizontal Center of Gravity CGH	Vertical Center of Gravity CGV	Long Arm Length A	Short Arm Length B
9,000 @ 60"	10"-60"	Positioned Short Arm	90FX-RCP-01C ①	IV	0°	2,950	6.1"	10.2"	18.0"	37.9"	27.3"
9,000 @ 60"	10"-60"	Swing Frame w/ Positioned Short Arm	90FX-RCS-21C ①②③	IV	0°	3,180	7.4"	10.8"	18.0"	39.0"	26.6"
10,000 @ 60"	28"-60"④	Positioned Short Arm	100FX-RCP-01C ①	IV	0°	3,030	6.1"	10.2"	24.0"	37.9"	27.3"

- ① Ribbed cast pad standard
- ② Requires 2,300 PSI operating pressure for maximum rated capacity
- ③ Please specify truck voltage and model
- ④ Optional ranges 9"-60" and 21"-60" available
- ⑤ Contact Cascade for Integral Mounting
- ▶ Specify LH or RH input for clamp function



INSTALLATION KIT

Clamp Type	Catalog Order No.
Swing & Fixed Frame	6003896

HYDRAULIC FLOW

Minimum	Recommended	Maximum	Maximum Pressure
10 GPM	15 GPM	20 GPM	2,300 PSI

HYDRAULIC FUNCTIONS

Model	Hydraulic Functions	Truck Auxiliary Valves Required
Fixed Short Arm	2	2
Positioned Short Arm	2	2
Swing Frame	3	2

- ▶ Swing Frame requires 3 n 2 truck adaption kit.

ROTATOR SPECIFICATIONS

Rotator Speed	Rotator Torque
3.2 RPM @15 GPM	102,000 inch-lbs. @2,000 PSI