



Engineered to handle extremely heavy rolls.

APPLICATIONS

The 100D Pivot Arm Paper Roll Clamp is designed for operations that handle large, extremely heavy rolls such as kraft, linerboard and heavily coated stocks. They are available with maximum capacities of 8,500 lbs., 9,000 lbs. and 10,000 lbs. and maximum roll diameters of 60", 72" and 84", respectively. The Model 100D has been extensively field-tested and application-rated.

FEATURES

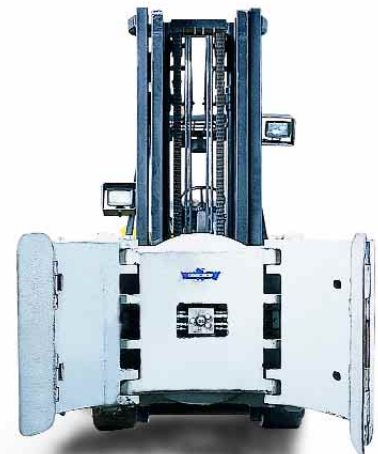
- Positioned Short Arm maintains thin-arm profile over a wide range of roll diameters, easing roll breakout and permitting close stacking
- Dual rotator drive boxes and heavy duty rotator
- Thin-frame profile increases truck capacity
- Protected hydraulics
- Easy to service
- Continuous 360° rotation

MODELS

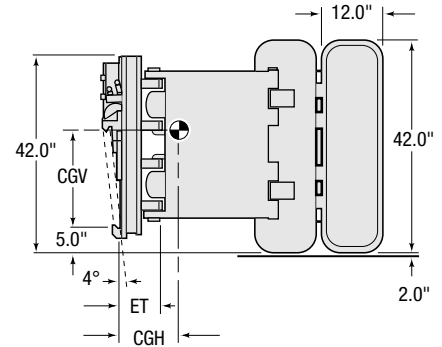
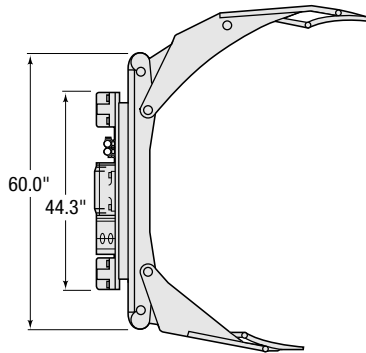
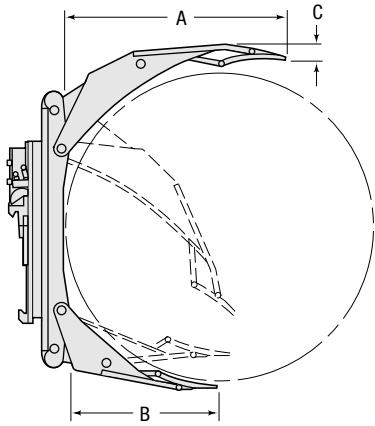
Fixed Frame/Positioned Short Arm

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

For extremely heavy kraft, linerboard and coated stocks, use the Cascade 100D Pivot Arm Paper Roll Clamp.



100D PIVOT ARM ROLL CLAMP



Capacity Lbs. @ Diameter	Roll Range	Type	Catalog Order No.	Mounting Class	Mounting Angle ①	Weight (Lbs.)	Effective Thickness ET	Horizontal Center of Gravity CGH	Vertical Center of Gravity CGV	Long Arm Length A	Short Arm Length B	Long Arm Thickness C	Contact Pad Size
10,000 @ 72"	18"-72"	Positioned	100D-RCP-01H	IV	4°	4,210	7.7"	11.4"	18.3"	47.5"	32.5"	2.6"	12" x 42"
10,000 @ 72"	18"-72"	Short Arm	100D-RCP-01C	IV	0°	4,210	9.5"	14.2"	18.3"	47.5"	32.5"	2.6"	12" x 42"
9,000 @ 84"	20"-84"	Positioned	100D-RCP-03H	IV	4°	4,560	7.7"	13.7"	18.3"	52.9"	37.8"	2.7"	12" x 42"
9,000 @ 84"	20"-84"	Short Arm	100D-RCP-03C	IV	0°	4,560	9.5"	16.5"	18.3"	52.9"	37.5"	2.7"	12" x 42"

① 4° mounting provides reduced effective thickness (Lost Load) and ease in handling horizontal (bilge) rolls. 0° mounting must be used when stacking above 130".

INSTALLATION KIT

Catalog Order No.

663598

ROTATOR SPECIFICATIONS

Model	Rotator Speed	Rotator Torque
100D	3.2 RPM @ 15 GPM	102,000 Inch-Lbs. @ 2000 PSI

HYDRAULIC FUNCTIONS

Model	Hydraulic Functions	Truck Aux. Valves Required
Positioned Short Arm	2	2

HYDRAULIC FLOW PRESSURE

Minimum	Recommended	Maximum	Max. Pressure
15 GPM	20 GPM	25GPM	2,300 PSI

DAMAGE REDUCTION OPTIONS

- AFC (Adaptive Force Control) for automatic control of clamping pressure that changes as roll weight changes (includes Load Cushion™)
- Tilt Control automatically controls the angle of the mast and pad, aligning the pad with the roll and eliminating expensive product damage
- 180° mechanical stop group
- 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.