

Specifically Designed for Printers and Newspaper Publishers



Thin Arm Profile



Durable Rotator Drive Train



Proven Contact Pad Design



Unitized Arm Construction



Lube Free Pivot Brushings

APPLICATIONS

Designed for small printers, newspaper publishers and newsprint warehouses.

FEATURES

Reduced Roll Damage

- Very thin arm profile and smooth-arm contour eases roll breakout and permits close stacking.
- Proven contact pad shape and surface holds rolls securely.
- Positioned Short Arm maintains thin-arm profile over a wide range of roll diameters.

Faster Roll Handling

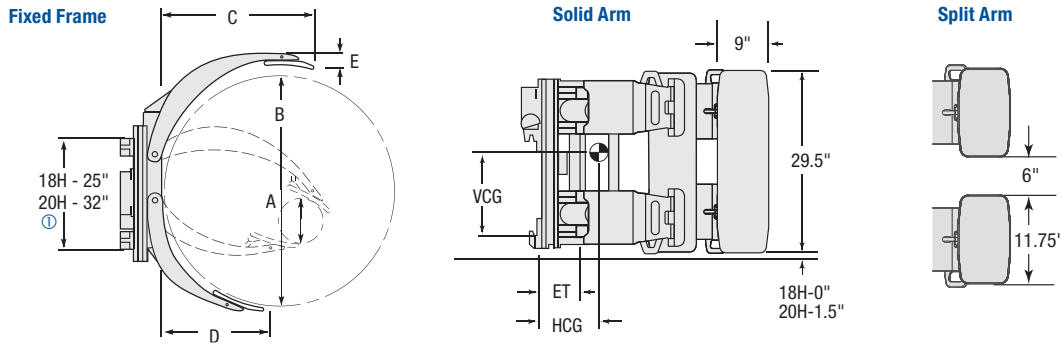
- Excellent visibility through and around clamp.
- Handles less than full size rolls against the bumper for faster handling.
- Continuous 360° rotation.
- Frame size optimized for one or two roll handling.

Excellent Durability

- Unitized construction provides structural integrity in arms and frame.
- Proven durable rotator drive train.
- Pivot bushings are lube-free and provide longer service life.
- Large pivot pins for extended life.

OPTIONS

- Fixed Frame/Fixed Short Arm or Fixed Frame/Positioned Short Arm models available, see back page for all models
- Split Long Arm—Recommended for improved stability when handling two individual rolls.
- AFC (Adaptive Force Control) for automatic control of clamping pressure that changes as roll weight changes.
- HFC (Hydraulic Force Control) a hydraulically controlled automatic clamp force system that changes clamp force proportional to the load weight.
- 180° mechanical stop group.
- Electronic Rotational Control for precise 180° and 90° (bilge) positioning.
- Wide variety of rubber, urethane and other pads available for improved handling of all paper types. Rubber or urethane pads are recommended for handling newsprint.



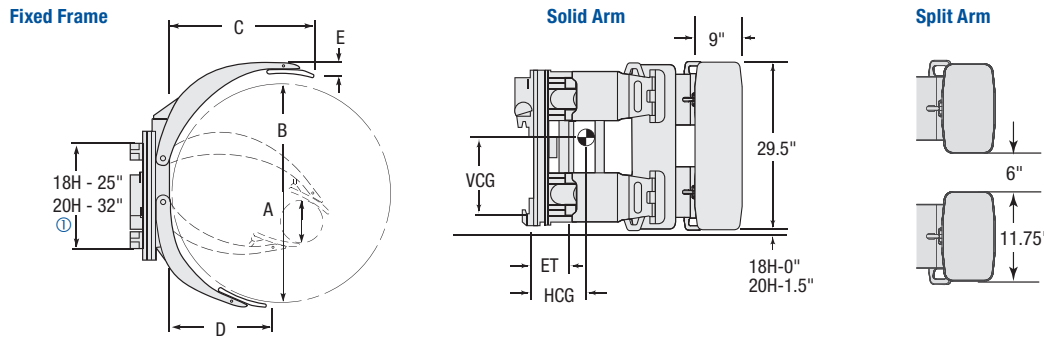
360° Rotation

Catalog Order No.	Capacity @ Load Center		Roll Range	Mtg. Class	Mtg. Angle ②	Weight		Effective Thickness	Horizontal Ctr. of Gravity	Vertical Ctr. of Gravity	Long Arm Length	Short Arm Length	Long Arm Thickness
	lbs@in	kg@mm				lbs	kg						
Fixed Frame/Fixed Short Arm/Solid Long Arm													
18H-RCF-A001	4,400@22.5"	2,000@575	18"-45"	II	0°	977	444	6.3"	10.1"	11.7"	30.1"	20.9"	1.8"
18H-RCF-A003	4,000@25.5"	1,800@650	20"-51"	II	0°	1,037	471	6.3"	10.6"	11.7"	33.9"	23.3"	1.8"
18H-RCF-A005	3,700@27.5"	1,600@700	20"-55"	II	0°	1,070	486	6.3"	11.0"	11.7"	36.3"	24.8"	1.8"
20H-RCF-A003	4,400@25.5"	2,000@650	20"-51"	II	0°	1,279	582	7.2"	9.7"	13.9"	33.9"	23.3"	1.8"
20H-RCF-A005	4,050@27.5"	1,850@700	20"-55"	II	0°	1,334	606	7.2"	10.6"	13.8"	36.3"	24.8"	1.8"
20H-RCF-B001	4,850@22.5"	2,200@575	18"-45"	III	0°	1,243	565	8.4"	9.8"	13.6"	30.1"	20.9"	1.8"
20H-RCF-B003	4,400@25.5"	2,000@650	20"-51"	III	0°	1,304	593	8.4"	10.7"	13.6"	33.9"	23.3"	1.8"
20H-RCF-B005	4,050@27.5"	1,850@700	20"-55"	III	0°	1,358	617	8.4"	11.6"	13.6"	36.3"	24.8"	1.8"
20H-RCF-B007	3,750@30.0"	1,700@762	20"-60"	III	0°	1,411	641	8.4"	11.7"	13.6"	36.2"	26.4"	1.8"
Fixed Frame/Fixed Short Arm/Split Long Arm													
18H-RDF-A001	4,400@22.5"	2,000@575	18"-45"	II	0°	950	432	6.3"	9.7"	11.7"	30.1"	20.9"	1.8"
18H-RDF-A003	4,000@25.5"	1,800@650	20"-51"	II	0°	1,009	459	6.3"	10.2"	11.7"	33.9"	23.3"	1.8"
18H-RDF-A005	3,700@27.5"	1,600@700	20"-55"	II	0°	1,042	474	6.3"	10.6"	11.7"	36.3"	24.8"	1.8"
20H-RDF-A003	4,400@25.5"	2,000@650	20"-51"	II	0°	1,252	569	7.2"	9.4"	13.9"	33.9"	23.3"	2.1"
20H-RDF-A005	4,050@27.5"	1,850@700	20"-55"	II	0°	1,307	594	7.2"	10.2"	13.8"	36.3"	24.8"	2.1"
20H-RDF-B001	4,850@22.5"	2,200@575	18"-45"	III	0°	1,215	552	8.4"	9.4"	13.6"	30.1"	20.9"	2.2"
20H-RDF-B003	4,400@25.5"	2,000@650	20"-51"	III	0°	1,276	580	8.4"	10.3"	13.6"	33.9"	23.3"	2.2"
20H-RDF-B005	4,050@27.5"	1,850@700	20"-55"	III	0°	1,331	605	8.4"	11.2"	13.6"	36.3"	24.8"	2.2"
20H-RDF-B007	3,750@30.0"	1,700@762	20"-60"	III	0°	1,383	629	8.4"	11.3"	13.6"	36.2"	26.4"	2.3"

① Dimension is the widest spread of either upper or lower hook.

② 2° mounting available, consult Cascade.

- ▶ All models come standard with 360° rotation. 180° Stop Group available.
- ▶ Herringbone is standard. RXH pads available.
- ▶ Split contact pad available at no additional cost, consult Cascade.
- ▶ For Swing Frame models consult Cascade.
- ▶ 0° mounting provides the driver with a vertical reference to aid in aligning pads to roll; i.e. the pads are at the same angle as the mast. 0° mounting must be used when stacking above 220".
- ▶ 2° mounting provides ease in handling rolls in the horizontal (bilge) position.


360° Rotation

Catalog Order No.	Capacity@ Load Center		Roll Range A - B	Mtg. Class	Mtg. Angle ②	Weight		Effective Thickness ET	Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG	Long Arm Length C	Short Arm Length D	Long Arm Thickness E
	lbs@in	kg@mm				lbs	kg						
Fixed Frame/Positioned Short Arm/Solid Long Arm													
18H-RCP-A001	4,400@22.5"	2,000@575	8"-45"	II	0°	986	448	6.3"	10.1"	11.7"	30.1"	20.9"	1.8"
18H-RCP-A003	4,000@25.5"	1,800@650	8"-51"	II	0°	1,045	475	6.3"	10.6"	11.7"	33.9"	23.3"	1.8"
18H-RCP-A005	3,700@27.5"	1,600@700	8"-55"	II	0°	1,077	489	6.3"	11.0"	11.7"	36.3"	24.8"	1.8"
20H-RCP-A003	4,400@25.5"	2,000@650	8"-51"	II	0°	1,288	585	7.2"	9.7"	13.9"	33.9"	23.3"	1.8"
20H-RCP-A005	4,050@27.5"	1,850@700	8"-55"	II	0°	1,341	609	7.2"	10.6"	13.9"	36.3"	24.8"	1.8"
20H-RCP-B001	4,850@22.5"	2,200@575	8"-45"	III	0°	1,252	569	8.4"	9.8"	13.6"	30.1"	20.9"	1.8"
20H-RCP-B003	4,400@25.5"	2,000@650	8"-51"	III	0°	1,312	596	8.4"	10.7"	13.6"	33.9"	23.3"	1.8"
20H-RCP-B005	4,050@27.5"	1,850@700	8"-55"	III	0°	1,365	620	8.4"	11.6"	13.6"	36.3"	24.8"	1.8"
20H-RCP-B007	3,750@30.0"	1,700@762	8"-60"	III	0°	1,415	643	8.4"	11.7"	13.6"	36.2"	26.4"	1.8"
Fixed Frame/Positioned Short Arm/Split Long Arm													
18H-RDP-A001	4,400@22.5"	2,000@575	8"-45"	II	0°	958	436	6.3"	9.7"	11.7"	30.1"	20.9"	1.8"
18H-RDP-A003	4,000@25.5"	1,800@650	8"-51"	II	0°	1,018	463	6.3"	10.2"	11.7"	33.9"	23.3"	1.8"
18H-RDP-A005	3,700@27.5"	1,600@700	8"-55"	II	0°	1,049	477	6.3"	10.5"	11.7"	36.3"	24.8"	1.8"
20H-RDP-A003	4,400@25.5"	2,000@650	8"-51"	II	0°	1,260	573	7.2"	9.3"	13.9"	33.9"	23.3"	1.9"
20H-RDP-A005	4,050@27.5"	1,850@700	8"-55"	II	0°	1,313	597	7.2"	10.2"	13.8"	36.3"	24.8"	1.9"
20H-RDP-B001	4,850@22.5"	2,200@575	8"-45"	III	0°	1,224	556	8.4"	9.4"	13.6"	30.1"	20.9"	1.9"
20H-RDP-B003	4,400@25.5"	2,000@650	8"-51"	III	0°	1,285	584	8.4"	10.3"	13.6"	33.9"	23.3"	2.0"
20H-RDP-B005	4,050@27.5"	1,850@700	8"-55"	III	0°	1,337	608	8.4"	11.2"	13.6"	36.3"	24.8"	2.0"
20H-RDP-B007	3,750@30.0"	1,700@762	8"-60"	III	0°	1,387	631	8.4"	11.3"	13.6"	36.2"	26.4"	2.0"

① Dimension is the widest spread of either upper or lower hook.

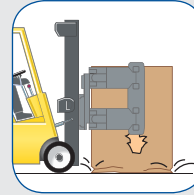
② 2° mounting available, consult Cascade.

- ▶ All models come standard with 360° rotation. 180° Stop Group available.
- ▶ Herringbone is standard. RXH pads available.
- ▶ Split contact pad available at no additional cost, consult Cascade.
- ▶ For Swing Frame models, consult Cascade.
- ▶ 0° mounting provides the driver with a vertical reference to aid in aligning pads to roll; i.e. the pads are at the same angle as the mast. 0° mounting must be used when stacking above 220".
- ▶ 2° mounting provides ease in handling rolls in the horizontal (bilge) position.



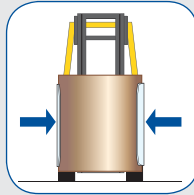
Portable Clamp Force Indicator

Measuring device that shows the clamp force applied to the load. Periodic checking and adjusting of clamp force is highly recommended to ensure damage-free handling. Includes calibrated gauge.



Clamp Open Guard

The Clamp Open Guard system automatically prevents the roll from being unclamped while it is lifted.



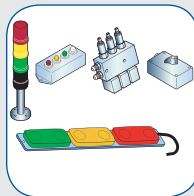
AFC™ - Adaptive Force Control

AFC is a computer-controlled clamping system that automatically controls the clamp force in proportion to the load weight.



HFC™ - Hydraulic Force Control

HFC is a hydraulically controlled automatic clamp force system that changes the clamp force proportional to the load weight. It works by continually sensing the hydraulic force necessary to lift the load and adjusts clamping pressure as the weight of the load increases or decreases.



Electronic Pressure Regulator

Allows operator to select proper clamp force with control switch that can be mounted for maximum operator convenience.



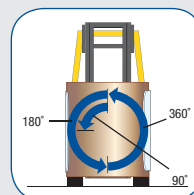
Split-Arm

Allows secure handling of two stacked rolls of different diameters. Our hydraulic circuit allows clamping of one roll with minimum top arm movement.



WPM™ - Wireless Pressure Monitor

Wireless Pressure Monitor is a system to monitor the hydraulic pressure in the clamping cylinders of an attachment on a real time basis. Perfect for allowing drivers to see the actual pressure during the clamp cycle to determine if the load holding components are malfunctioning.



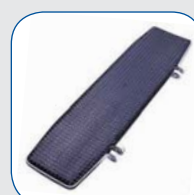
Electronic Rotational Control

Provides 90° (bilge) and 180° stops during 360° clamp rotation, which automatically aligns pad to roll.



Load Cushion™

Hoist System Accumulator that absorbs shocks and reduces the clamp force required to handle the load. Available in 475 ml (1 pt) and 950 ml (1 pt) sizes.



Application Specific Pads

The correct pad is provided depending on the type of paper being handled. Use of the correct pad allows clamp pressure to be minimized. Rubber, urethane, tissue, and ribbed herringbone are examples of optional pads available.



Clamp Force Indicator

Measuring device that shows the clamp force applied to the load. Used for clamp pressure calibration with systems using pressure relief valves.



DTI™ - Digital Tilt Indicator

Cascade's Digital Tilt Indicator lets you know when your mast is tilted forward, backwards or true vertical. It clearly displays the angle of the mast at all times which eliminates guesswork and ultimately reduces damage and increases speed and efficiency.