



## Excellent maneuverability in tight stacking applications.

### APPLICATIONS

Designed for mills, stevedores warehouses and converting operations that do not require a revolving clamp. Excellent for tight stacking of rolls in trailers, lorries and boxcars. Maximizes warehouse efficiency.

### FEATURES

- Open H.D. frame design for excellent visibility maximizing truck capacity.
- Equal arm length for optimized handling.
- Thin arm profile to knife between stacked rolls.

### OPTIONS

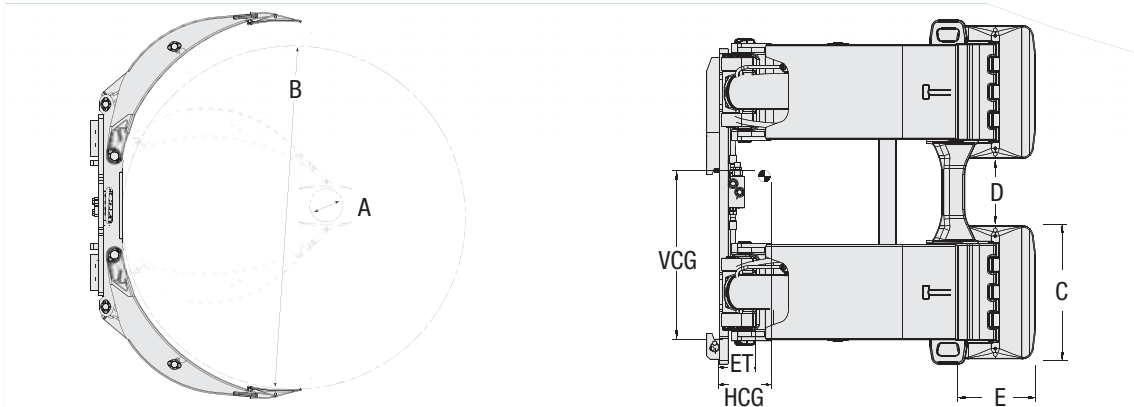
- HFC (Hydraulic Force Control).
- Specialized pads such as the flexipad for improved handling of newsprint on suitable capacities.
- Long and short arm configuration.
- Split arm circuit.



**Above:** Contoured frame minimizes contact pressure and potential of bruising paper. **Right:** RSQ with optional Flexi-Pad.



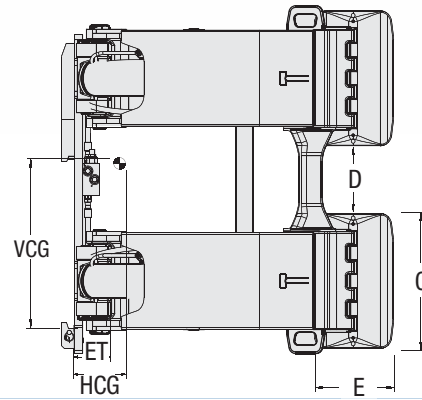
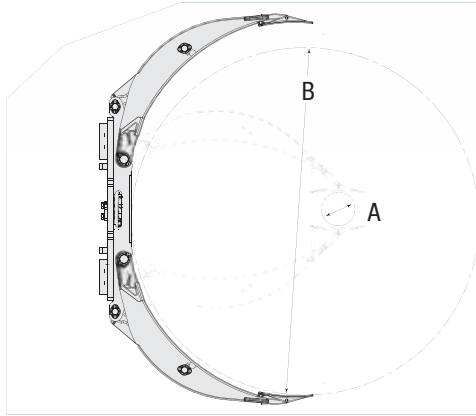
*Designed for handling a variety of roll sizes and paper types with flexibility and precision.*



### Equal Arm / Non Revolving

Catalog Order No.	Capacity for Diameter		Roll Range A - B	Min. Truck Carriage Width	Weight		Effective Thickness ET	Horizontal Ctr. of Gravity HCG	Vertical Ctr. of Gravity VCG	Mtg. Class	Frame Width	Pad Height (split) C	Pad Gap D	Pad Width E
	lb @ in	kg @ mm			lb	kg								
18H-RSQ-A01	4,400 @ 45"	2,000 @ 1,150	14" - 45"	Consult Cascade	850	385	3.1"	8.6"	11.8"	Consult Cascade				
18H-RSQ-A02	4,000 @ 51"	1,800 @ 1,300	12" - 51"		905	410	3.1"	9.0"	11.8"					
18H-RSQ-A04	3,500 @ 55"	1,600 @ 1,400	10" - 55"		950	430	3.1"	9.6"	11.8"					
20H-RSQ-B01	4,950 @ 45"	2,250 @ 1,150	14"- 45"	Consult Cascade	895	405	3.1"	9.0"	13.2"					
20H-RSQ-B02	4,400 @ 51"	2,000 @ 1,300	12" - 51"		950	430	3.1"	9.4"	13.2"					
20H-RSQ-B04	4,050 @ 55"	1,850 @ 1,400	10" - 55"		990	450	3.1"	10.0"	13.2"					
22H-RSQ-B01	5,150 @ 45"	2,500 @ 1,150	14" - 45"	Consult Cascade										
22H-RSQ-B02	4,850 @ 51"	2,200 @ 1,300	12" - 51"											
22H-RSQ-B04	4,500 @ 55"	2,050 @ 1,400	10" - 55"											
25H-RSQ-B02	5,500 @ 51"	2,500 @ 1,300	10" - 51"	Consult Cascade	1190	540	4.5"	10.4"	17.0"					
25H-RSQ-B04	5,060 @ 55"	2,300 @ 1,400	10" - 55"		1225	555	4.5"	11.0"	17.0"					
25H-RSQ-B06	4,620 @ 60"	2,100 @ 1,525	10" - 60"		1265	575	4.5"	11.8"	17.0"					
30H-RSQ-B02	6,600 @ 51"	3,000 @ 1,300	12" - 51"	Consult Cascade	1200	545	4.5"	10.4"	17.0"					
30H-RSQ-B04	6,160 @ 55"	2,800 @ 1,400	10" - 55"		1235	560	4.5"	11.0"	17.0"					
30H-RSQ-B06	5,720 @ 60"	2,600 @ 1,525	10" - 60"		1280	580	4.5"	11.8"	17.0"					
30H-RSQ-B08	5,500 @ 63"	2,500 @ 1,600	10" - 63"		1320	600	4.5"	12.4"	17.0"					
30H-RSQ-B09	4,840 @ 72"	2,200 @ 1,830	10" - 72"		1475	670	4.5"	13.8"	17.0"					
33H-RSQ-B02	7,700 @ 51"	3,500 @ 1,300	12" - 51"	Consult Cascade	1225	555	4.5"	10.4"	17.0"					
33H-RSQ-B04	7,260 @ 55"	3,300 @ 1,400	10" - 55"		1255	570	4.5"	11.0"	17.0"					
33H-RSQ-B06	6,600 @ 60"	3,000 @ 1,525	10" - 60"		1300	590	4.5"	11.8"	17.0"					
33H-RSQ-B08	6,270 @ 63"	2,850 @ 1,600	10" - 63"		1345	610	4.5"	12.4"	17.0"					
33H-RSQ-B09	5,500 @ 72"	2,500 @ 1,830	10" - 72"		1500	680	4.5"	13.8"	17.0"					
35H-RSQ-C02	9,020 @ 51"	4,100 @ 1,300	12" - 51"	Consult Cascade	2135	970	5.1"	10.0"	16.2"					
35H-RSQ-C04	8,360 @ 55"	3,800 @ 1,400	10" - 55"		2170	985	5.1"	10.6"	16.2"					
35H-RSQ-C06	7,700 @ 60"	3,500 @ 1,525	10" - 60"		2215	1005	5.1"	11.4"	16.2"					
35H-RSQ-C08	7,260 @ 63"	3,300 @ 1,600	10" - 63"		2255	1025	5.1"	12.0"	16.2"					
35H-RSQ-C09	6,380 @ 72"	2,900 @ 1,830	10" - 72"		2410	1095	5.1"	13.4"	16.2"					

► Non revolving unit. May be mounted on a Cascade Sideshifter.  
Consult Cascade.



### Equal Arm / Non Revolving

Catalog Order No.	Capacity for Diameter		Roll Range A - B	Min. Truck Carriage Width	Weight		Effective Thickness	Horizontal Ctr. of Gravity	Vertical Ctr. of Gravity	Mtg. Class	Frame Width	Pad Height (split) C	Pad Gap D	Pad Width E
	lb @ in	kg @ mm			lb	kg	ET	HCG	VCG					
40H-RSQ-C02	10,340 @ 51"	4,700 @ 1,300	14" - 51"	Consult Cascade	2,160	980	5.1"	10.0"	16.2"	Consult Cascade				
40H-RSQ-C04	9,460 @ 55"	4,300 @ 1,400	14" - 55"		2,180	990	5.1"	10.6"	16.2"					
40H-RSQ-C06	8,800 @ 60"	4,000 @ 1,525	10" - 60"		2,225	1,010	5.1"	11.4"	16.2"					
40H-RSQ-C08	8,360 @ 63"	3,800 @ 1,600	10" - 63"		2,270	1,030	5.1"	12.0"	16.2"					
40H-RSQ-C09	7,260 @ 72"	3,300 @ 1,830	10" - 72"		2,420	1,100	5.1"	13.4"	16.2"					
45H-RSQ-C02	11,660 @ 51"	5,300 @ 1,300	14" - 51"	Consult Cascade	2,280	1,035	5.5"	9.6"	15.7"					
45H-RSQ-C04	10,780 @ 55"	4,900 @ 1,400	14" - 55"		2,310	1,050	5.5"	10.2"	15.7"					
45H-RSQ-C06	9,900 @ 60"	4,500 @ 1,525	12" - 60"		2,345	1,065	5.5"	11.0"	15.7"					
45H-RSQ-C08	9,460 @ 63"	4,300 @ 1,600	10" - 63"		2,390	1,085	5.5"	11.6"	15.7"					
45H-RSQ-C09	8,140 @ 72"	3,700 @ 1,830	10" - 72"		2,545	1,155	5.5"	13.0"	15.7"					
50H-RSQ-C02	12,980 @ 51"	5,900 @ 1,300	14" - 51"	Consult Cascade	2,280	1,035	5.5"	9.6"	15.7"					
50H-RSQ-C04	11,880 @ 55"	5,400 @ 1,400	14" - 55"		2,310	1,050	5.5"	10.2"	15.7"					
50H-RSQ-C06	12,100 @ 60"	5,000 @ 1,525	14" - 60"		2,345	1,065	5.5"	11.0"	15.7"					
50H-RSQ-C08	10,560 @ 63"	4,800 @ 1,600	12" - 63"		2,390	1,085	5.5"	11.6"	15.7"					
50H-RSQ-C09	9,240 @ 72"	4,200 @ 1,830	12" - 72"		2,545	1,155	5.5"	13.0"	15.7"					
55H-RSQ-C02	14,300 @ 51"	6,500 @ 1,300	16" - 51"	Consult Cascade	2,280	1,035	5.5"	9.6"	15.7"					
55H-RSQ-C04	13,200 @ 55"	6,000 @ 1,400	14" - 55"		2,310	1,050	5.5"	10.2"	15.7"					
55H-RSQ-C06	12,100 @ 60"	5,500 @ 1,525	14" - 60"		2,345	1,065	5.5"	11.0"	15.7"					
55H-RSQ-C08	11,440 @ 63"	5,200 @ 1,600	12" - 63"		2,390	1,085	5.5"	11.6"	15.7"					
55H-RSQ-C09	10,120 @ 72"	4,600 @ 1,830	12" - 72"		2,545	1,155	5.5"	13.0"	15.7"					

① Mounting available with Integral, Pin or Class IV or V.

► Non revolving unit. May be mounted on a Cascade Sideshifter. Consult Cascade.

## 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.

## 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.

## Light Bar Kit and Multi-Setting Relief Valve



The light bar shows the pressure setting in use when installed with the Multi-Setting Pressure Relief Valve.

## 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.

## Tilt Control



Two-Way Tilt Control

Automatically controls the angle of the mast and attachment, aligning pad with the load.

## 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.

## Load Cushion™



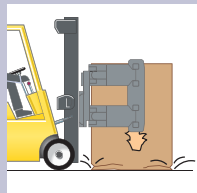
Hoist System Accumulator that absorbs shocks and reduces the clamp force required to handle the load. Available in one-pint and one-quart sizes.

## Roll Protector



Durable polyethylene sheet used to protect paper stored in warehouses from damage caused by lift trucks.

## Clamp Open Guard



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

## 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.

## Digital 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.

## 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.