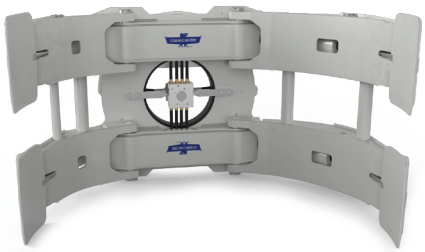
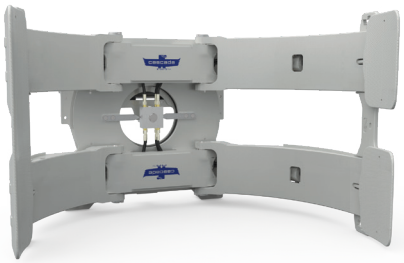


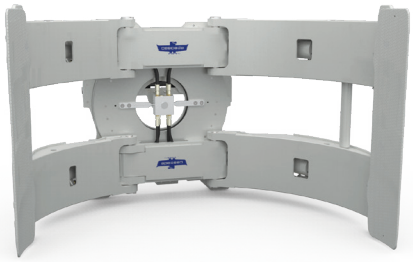
Mid to High Capacity Paper Roll Clamps



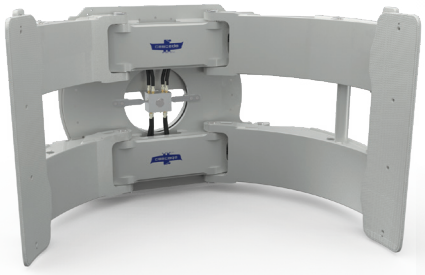
18H-20H PAPER ROLL CLAMP
Capacities up to 4,400 lbs. / 2000 kg



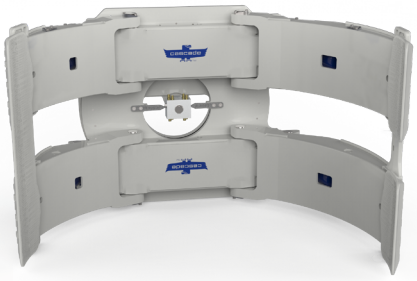
22H-24H PAPER ROLL CLAMP
Capacities up to 5,300 lbs. / 2400 kg



25H-30H-33H PAPER ROLL CLAMP
Capacities up to 7,260 lbs. / 3300 kg



34H-38H-42H PAPER ROLL CLAMP
Capacities up to 9,260 lbs. / 4200 kg



46H-55H PAPER ROLL CLAMP
Capacities up to 12,000 lbs. / 5500 kg



68H-75H PAPER ROLL CLAMP
Capacities up to 16,500 lbs. / 7500 kg

Deliver a perfect roll every time.

cascade corporation

CASCADE STRONG

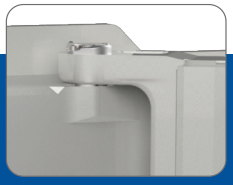
All 18H-75H Paper Roll Clamps use the following industry-exclusive contoured castings, integrated with high strength steel plate members to reduce weight and maximize strength, providing the most durable structure possible.

TIE BAR



Heavy-duty unified structure, for increased durability when handling one narrow roll.

PIVOT CASTING



Pivot joint stress minimized with custom shape.

CYLINDER ROD ANCHOR



High strength casting is lightweight and durable.

PAD TIP



Permits close stacking and provides durability while easing roll breakout.

PAD LINK and PIN



Facilitates tip loading during breakout of tightly stacked rolls.

PAD GUARD

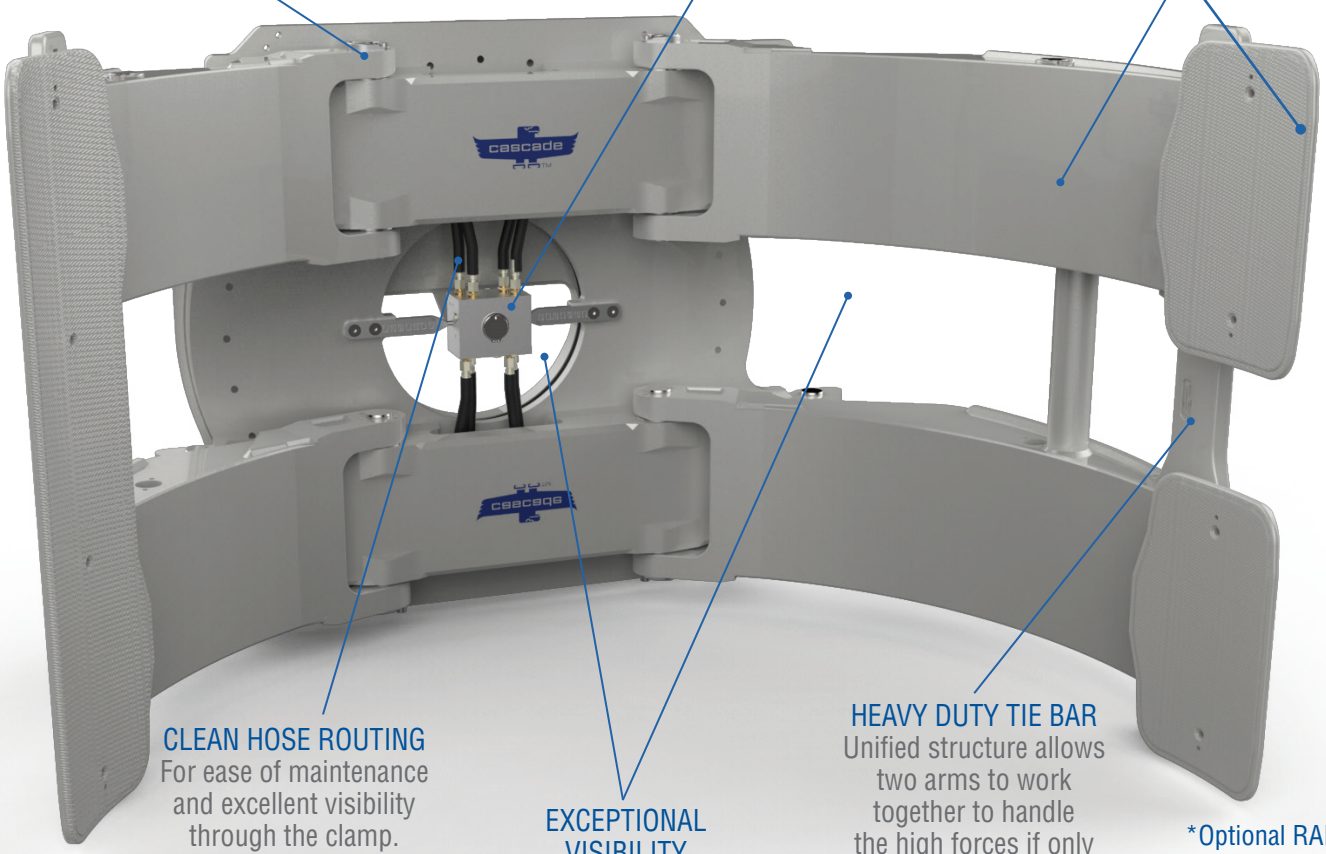


Unique design protects the pad from wear.

LUBE-FREE PIVOT PINS
Provide stability, longer life and eliminates grease on the paper rolls.

360° ROTATION
In both directions for ease of handling on uneven surfaces. Optional 180° stop group and gentle stop at endpoint is available.

SLEEK ARM AND PAD PROFILE
Permits easy roll breakout and close stacking.



CLEAN HOSE ROUTING
For ease of maintenance and excellent visibility through the clamp.

EXCEPTIONAL VISIBILITY
Facilitates precise second tier roll handling.

HEAVY DUTY TIE BAR
Unified structure allows two arms to work together to handle the high forces if only one pad is being used (shapes vary by model).

*Optional RAP arm shown.

Highly Sophisticated Components

RUGGED DESIGN … OUTSTANDING SERVICEABILITY

NARROW ARM PROFILE



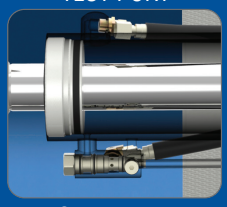
For narrow aisles and knifing between the rolls.

HIGH-FLOW REVOLVING CONNECTION



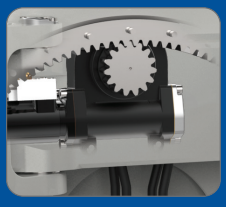
Provides equal arm movement and low energy drain on truck battery.

CHECK VALVE and TEST PORT



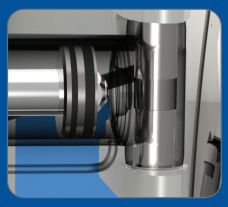
Check valve guarantees the load is held in the case of hose failure. Test port enables easy diagnostics.

HIGH SPEED PINION



Rotator drive train ensures fast and continuous rotation.

HIGH GRADE SEALS

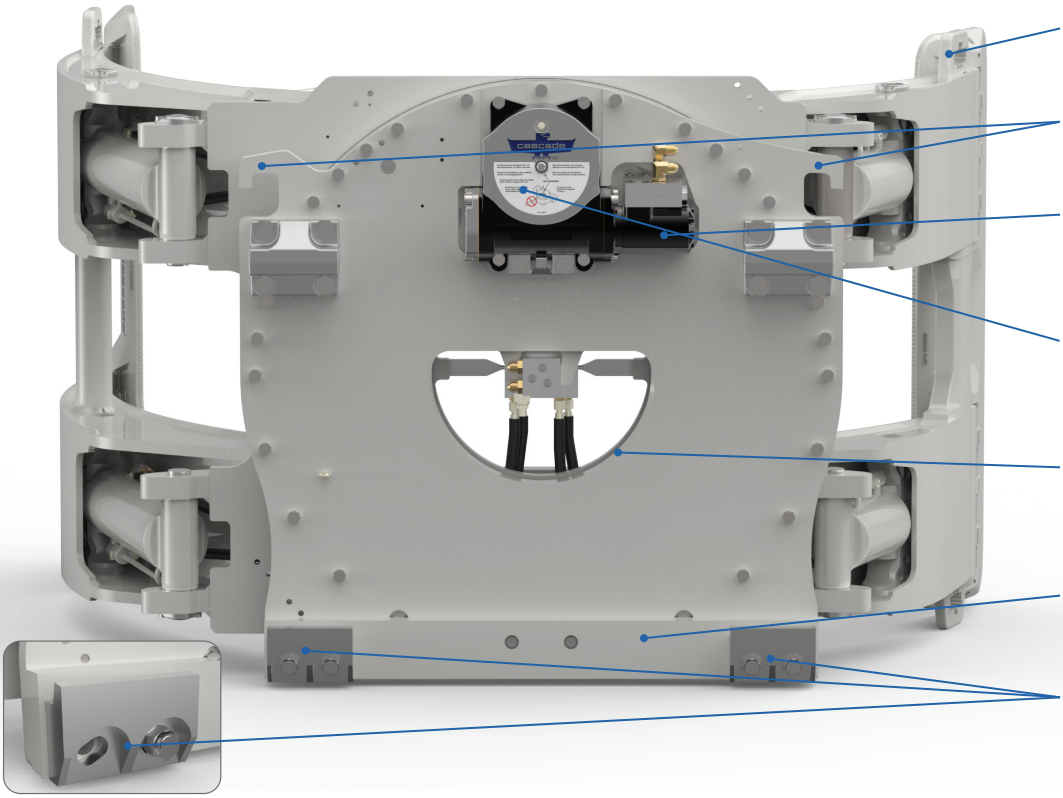


Resists wear in high temperature environments for long seal life. Suitable for high cycle operations.

REBUILDABLE WEAR TILE



Allows wear tile to have hard surfacing added instead of replacing contact pad after wear.



PAD GUARD

Reduces wear on the pad.

LIFTING HOOKS

Makes installation easy.

PROTECTED MOTOR

Motor protected below the frame.

ROTATOR DRIVE TRAIN

Ensures fast and continuous rotation.

PROTECTIVE BARRIER

Rubber guard protects against contamination.

LOWER MOUNTING REINFORCEMENT

For added durability.

ADJUSTABLE LOWER HOOK

Assures mounting hooks are tight on the carriage.

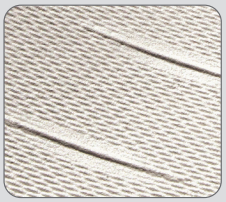
A PAD FOR EVERY PAPER

Herringbone



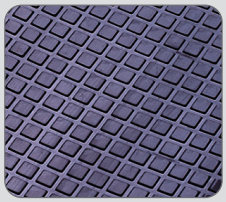
For most common paper types.

Ribbed Herringbone



For papers that need more friction — kraft, preprint, gypsum board, liner board-coated, and glassine/greaseproof.

RXH Rubber



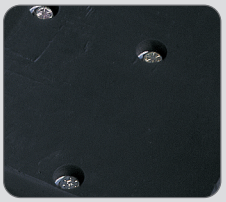
For newsprint, coated/magazine, super-calendered SC, milk carton/waxed, glassine/greaseproof, and white printing papers.

Bolt-On UDP



For newsprint, coated stock or any paper requiring increased friction to apply adequate clamp force. (UDP provides a compressible high friction surface.)

Bolt-On Rubber



For any paper requiring increased friction to reduce necessary clamp force. RXH or smooth rubber available.

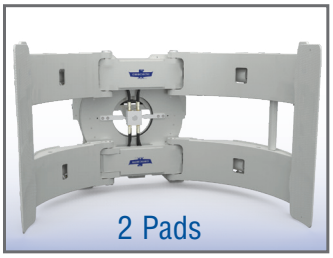
Herringbone (Tissue)



Excellent friction without grabbing tissue. Multiple pad shapes optimized for different tissue densities.

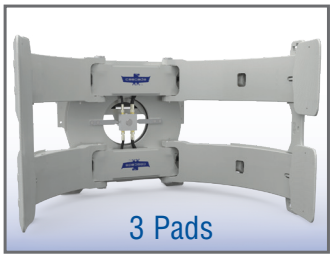
Versatility comes standard. The rest is optional.

DIFFERENT ARM CONFIGURATIONS FOR MULTIPLE APPLICATIONS:



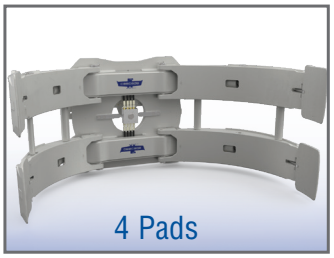
Solid Long Arm

- The two arm sections move simultaneously to prevent catching on the roll edges.



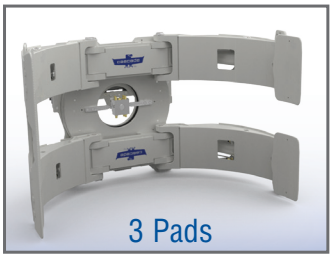
Solid Long Arm

- Helps accommodate rolls of slightlly different mill tolerance.



Solid Long Arm

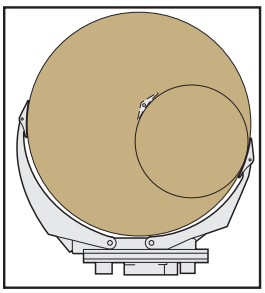
- Improves specifications and helps accommodate rolls of slightlly different mill tolerance.



Split Long Arm

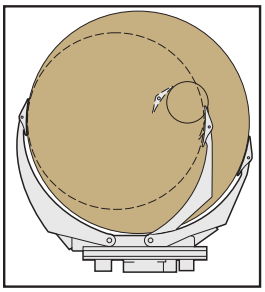
- The two long arm sections move independently to securely handle two rolls at the same time.

DIFFERENT CLAMP TYPES FOR DIFFERENT ROLL REQUIREMENTS:



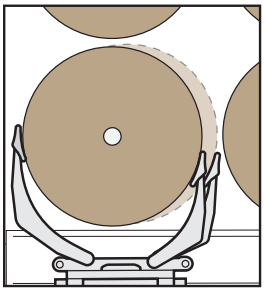
Fixed Frame- Fixed Short Arm

Provides an extremely thin arm profile at or near the maximum roll diameter. Continuous 360° rotation. Double hydraulic function.



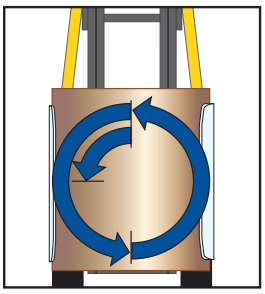
Fixed Frame- Positioned Short Arm

Can be adjusted to maintain a thin arm profile over a wide range of diameters, also capable of handling small butt rolls. Continuous 360° rotation. Double hydraulic function.



Swing Frame- Positioned Short Arm

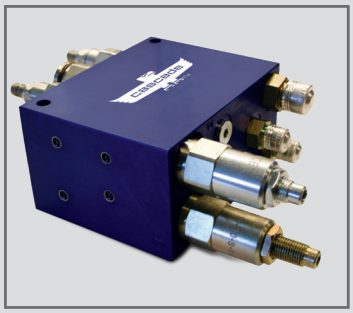
Lateral swing function for easy load positioning and maximum flexibility and speed where breakout and tight stacking are a regular part of the job. Continuous 360° rotation. Triple hydraulic function.



360° Rotation

Rotates a complete 360° allowing for easy bilge handling on uneven surfaces, as well as correct alignment with rolls in any situation.

OPTIONS and ACCESSORIES:



HFC™ - Hydraulic Force Control

Automatic clamp force system that changes the clamp force proportional to load weight by continuously sensing how much hydraulic pressure is necessary to lift the load.



AFC™ - Adaptive Force Control

Computer-controlled system that prevents the driver from overclamping a load by controlling the clamp force. (AFC Digital Display shown)



180° Stop or ERC - Electronic Rotational Control

Provides 180° stops during rotation, automatically aligning pad to roll and the roll to ground.

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