Deliver a perfect roll every time
Roll Damage: An all too familiar problem

SOLVE ROLL DROPPING WITH:
- AFC (Adaptive Force Control)
- HFC (Hydraulic Force Control)
- Clamp Force Indicator
- Adjustable Bumper
- Tilt Control
- Rotational Control
- Digital Display

SOLVE TORN LAYERS AND SCUFFING WITH:
- Rotational Control
- Tilt Control
- Adjustable Bumper
- Application-Specific Pads
- Drop-Stop Valve
- Split Arm
- Digital Display
- Swing Frame

SOLVE ROLL DROPPING WITH:
- AFC (Adaptive Force Control)
- HFC (Hydraulic Force Control)
- Clamp Force Indicator
- Adjustable Bumper
- Tilt Control
- Rotational Control
- Digital Display

SOLVE OUT-OF-ROUNDNESS & CORE CRUSHING WITH:
- Multi-Setting Relief Valve
- AFC (Adaptive Force Control)
- HFC (Hydraulic Force Control)
- Load Cushion™
- Clamp Force Indicator
- Light Tower Kit
- Digital Display
Contact Pads for Damage Free Handling of Printing Papers

**FLEXIPAD**

**Paper types:** Designed primarily for newsprint industry.

**Design features:**
- Provides full pad contact on various diameter rolls by wrapping around the roll.
- Diamond pattern rubber with replaceable flexi band.
- Spring style backing on rubber conforms to roll diameter.

**BOLTON/RUBBER & URETHANE**

**Paper types:** Milk carton and waxed stock, slick coated/magazine paper LWC, kraft linerboard, kraft medium, preprint, newsprint, supercalendered SC, carbonless, plastic/polywrapped, lithographic/fine, white printing or any paper requiring increased friction to reduce necessary clamp force.

**Design features:**
- Rubber or UDP is bonded to a durable steel backing plate.
- Bolt-on pads are easy to replace.
- Rubber and Urethane available in various durometers.
- Black rubber is standard and is recommended because it is more durable than white rubber.
- White rubber is available as an option.

**HERRINGBONE**

**Paper types:** Excellent general purpose pad for most paper types including newsprint, kraft, tissue (see tissue section), gypsum board facing, dry-lap (rolled pulp), white printing and lithographic/fine paper.

**Design features:**
- Diamond pattern provides a multi-purpose gripping surface.
- Orientation of diamond pattern provides excellent friction in horizontal and vertical directions.

**TISSUE, SINGLE DIAMETER**

**Paper types:** Dense tissue such as industrial toweling.

**Design features:**
- Herringbone surface provides excellent friction surface without grabbing tissue.
- Large corner radius prevents cutting of tissue.
- Large surface area to minimize roll deformation.
- Optional round bar around perimeter prevents tearing.

**TISSUE, DOUBLE DIAMETER**

**Paper types:** Medium density tissue such as common facial and toweling grades.

**Design features:**
- Herringbone surface provides excellent surface friction.
- Available with or without flared end.
- Flared end recommended to reduce cutting of tissue at pad ends.
- Full radius edge allows paper to transition around pad without tearing.

**TISSUE, CONVEX**

**Paper types:** Low-density, soft tissue such as facial, toilet tissue and soft toweling.

**Design features:**
- Herringbone surface provides excellent surface friction.
- Convex surface with round bar perimeter provides a smooth transition during roll deflection to prevent tearing.
- Optional flared ends prevent cutting of tissue.
- Hardened wear surface prevents pad wear caused by floor contact.

**BONDED NON-MARKING BLACK RUBBER RXH-SERIES (Rubber Cross Hatched)**

**Paper types:** Used with newsprint, supercalendered SC, coated/magazine papers LWC, milk carton and waxed stock, glassine/greaseproof and white printing.

**Design features:**
- Cross hatched surface to prevent suction cup effect and increase friction.
- Large chamfered edge to improve knifeing between rolls.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent rubber from peeling.

**BONDED URETHANE UDP Series (Urethane Domed Profile)**

**Paper types:** Supercalendered SC, milk carton and waxed stock, coated/magazine LWC, kraft linerboard, kraft medium/fluting, preprint, fine papers, glassline/greaseproof, white printing and newsprint.

**Design features:**
- Durable urethane bonded to a special pad casting with a perimeter edge to protect the urethane when wedging between loads.
- Urethane is excellent pad material for use on difficult-to-handle papers.
- Domed oval surface helps prevent suction cup action in humid climates, increases friction and resiliency of pad surface.
- UDP pad profile has slightly less tendency to grab paper when moving past the roll.

**CARBONLESS**

**Paper types:** Carbonless.

**Design features:**
- Extra thick cross hatched surface to provide a cushioned clamping surface and excellent friction.
- Large chamfered edge to improve knifeing between rolls.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent rubber from peeling.

**BAR-N-POCKET**

**Paper types:** Kraft papers (linerboard and medium/fluting), preprint, gypsum board facing, linerboard coated and glassline/greaseproof.

**Design features:**
- Ribs provide increased friction compared to standard cast pad.
- Reduce risk of telescoping layers.
Dense tissue such as industrial toweling.

Paper Types:
- White printing or any paper requiring increased friction.
- Coated/magazine paper LWC, kraft linerboard, kraft medium.

Design Features:
- Circular tabbed surface to prevent eccentricity and variation from roll to roll.
- Large chamfered edge to improve loading both ends.
- Protective metal edge guard helps prevent paper tearing.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent paper tearing.

BAR-IR-PROCKET

Paper Types:
- Textured paper such as preprinted and embossed.
- Coated/magazine paper LWC, milk carton and waxed stock, coated/magazine LWC, kraft linerboard, kraft medium.

Design Features:
- Adjustable pad profile that is durable and resists wear.
- Polypropylene pad material that is flexible and pliable.
- Allows paper to be clamped with various pressures.
- Provides a smooth transition during roll changing.

CARDLESS

Paper Types:
- Low density tissue such as toilet paper, facial tissue and towel paper.

Design Features:
- Protective metal edge guard helps prevent paper tearing.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent paper tearing.

HERRINGBONE

Paper Types:
- Textured paper such as facial, toilet, and soft toweling.

Design Features:
- Flared end recommended to reduce deformation.
- Herringbone surface provides excellent surface friction.
- Provides a smooth transition during roll changing.

TISSUE, DOUBLE DIAMETER

Paper Types:
- Textured tissue such as toilet tissue.

Design Features:
- Protective metal edge guard helps prevent paper tearing.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent paper tearing.

TISSUE, CONVEX

Paper Types:
- Textured tissue such as toilet tissue.

Design Features:
- Protective metal edge guard helps prevent paper tearing.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent paper tearing.

ROCKET CONTACT PADS

Paper Types:
- Protective metal edge guard helps prevent paper tearing.

Design Features:
- Polypropylene pad material that is flexible and pliable.
- Allows paper to be clamped with various pressures.
- Provides a smooth transition during roll changing.

SUREFIRE URETHANE

Paper Types:
- White paper such as preprinted and embossed.
- Coated/magazine paper LWC, milk carton and waxed stock, coated/magazine LWC, kraft linerboard, kraft medium.

Design Features:
- Adjustable pad profile that is durable and resists wear.
- Polypropylene pad material that is flexible and pliable.
- Allows paper to be clamped with various pressures.
- Provides a smooth transition during roll changing.

CASSETTE & CHEMISTRY

Paper Types:
- Textured paper such as facial, toilet, and soft toweling.

Design Features:
- Protective metal edge guard helps prevent paper tearing.
- Non-marking rubber compound.
- Protective metal edge guard helps prevent paper tearing.

SUNDIAL COUNTER

Paper Types:
- Textured paper such as facial, toilet, and soft toweling.

Design Features:
- Adjustable pad profile that is durable and resists wear.
- Polypropylene pad material that is flexible and pliable.
- Allows paper to be clamped with various pressures.
- Provides a smooth transition during roll changing.

Toilet tissues such as industrial toweling with control switches that can be mounted for maximum operator access. A small roll counter is available for use on which settings is a change. Available with or without light.
Cascade clamps are the total solution

Cascade has a clamp for any size, weight or type of roll you are handling. Combine with our damage reduction options for the total solution.

SINGLE, SMALL ROLL
25F, 18H, 20H — Perfect for handling smaller rolls of newsprint, form and printing stocks.

SINGLE, MEDIUM TO LARGE ROLL

JUMBO, BIG ROLL

SLIDING ARM
35D, 50D, 60D, 66D, 70D, 80D, 100D, 110D, 140D — When arm thickness is an issue, Sliding Arm model offers a narrow clamp arm profile.

SINGLE & DOUBLE TOWER
45H, 50H, 60H, 75H, 120H — Designed for mills and stevedores where multiple roll handling is essential. Handle from 2 to 8 rolls of newsprint, coated stock, kraft or linerboard.

TISSUE ROLL
45F, 60G, 66G, 72G, 77F, 90F, 100F — Designed for gentle handling of tissue rolls.

PIVOT ARM - MULTI ROLL
RCQ and RSQ — Designed for mills and stevedores where multiple roll handling improves productivity. For handling newsprint, coated stock, kraft and linerboard.

360° ROTATIONAL CONTROL
Damage can occur when the roll is being moved from a loading dock onto a truck or boxcar. With Cascade’s 360° rotation, potentially damaging situations like loading on uneven ground are eliminated.