

Paper Roll Clamps

Series AR



Handle more paper in less time

This is one of our prime guidelines in clamp design. Bolzoni Auramo series AR paper roll clamps are fast to use, require less operator effort and have a smooth, slim design with superior visibility. All this results into faster and more effective handling - without compromising the handling quality.

Multiple applications

Series AR paper roll clamps are designed for heavy-duty handling of horizontal and vertical paper rolls in paper mills, ports, warehouses and printing companies.

Versatile choice

A wide range of capacities and openings ensure that the right model is always available, regardless of the size of your project or the dimensions of the paper roll.

Clamp for every roll

Series AR paper roll clamps have dedicated models available for single roll handling as well as for multiple roll handling. Pivoting arm movement provides a wide roll diameter range with minimized overall unit dimensions.

Fits to every lift truck

Standard mounting hooks and a possibility to use a wide variety of specialized mountings ensure that these clamps can be fitted to any lift truck. As a standard, all hydraulic functions are protected against excess pressure.

Efficient handling with built-in damage prevention



Fast and accurate 180° rotation. Precise vertical end positions with end cushioning reducing paper roll damage. Pad protection as standard. Optimized arm lengths with thin and smooth profile allowing tight stowing in wagons, lorries, containers or ships.





Service-friendly design

All regular service and maintenance operations are easy to do. Service-friendly design enables easy operation testing and fast access to all clamp components.



Easy to install

All hydraulic connections are readily accessible. The clamp is secured to the lift truck with a bolt-on center locator.



Advanced hydraulics operation

Clamping pressure is quickly adjustable from the built-in pressure relief valve. For hydraulic safety, all clamping and rotation cylinders come with built-in check valves.



Safe to use

High-quality components, correct dimensioning and optimized material strengths result in a long lasting and safe equipment.



Loaded with options

Mounting

The standard mounting for all series AR roll clamps is an ISO 2328 hook-type mounting. Standard mounting angle is 0 degrees. This will ensure that higher lifts are also safe.

Mounting options:

- ISO 2328, class 2A,3A or 4A mounting, depending on clamp size
- Quick-release mounting hooks
- Dual-mounting hooks for two different mounting classes
- Non-standard and special mountings are available on request

Hydraulic system

Standard delivery includes pressure relief valves for clamping, opening and rotation.

All hydraulic cylinders are equipped with built-in check valves. Split arm operation is controlled with a flow divider valve, which enables equal arm movement speed.

The 180-degree rack-and-pinion rotation mechanism has hydraulic cushioning in the vertical end positions.

Hydraulic options:

- 4-stage pressure selection valves for easy clamping force control.
- Automatic clamping force control (CTX G3 intelligent clamp option).
- Force Matic fully mechanical, automatic clamping force control system.

Whatever the purpose - we have the right pad

Bolzoni Auramo has paid special attention in designing and manufacturing contact pads which ensure safe and non-damaging paper roll handling.

All pads have a thin and smooth design with high-friction contact surfaces.

Standard contact pads for all AR series clamp models are split cast pads.

A wide variety of optional contact pad surfaces is available. Special pad surfaces are available on request.

Full-length unsplit pads are available for most contact pad models. Please contact Bolzoni Auramo for further information.

Standard contact pad options:

- Cast pads, with high friction surface
- Rubber-faced pads, smooth black
- Rubber-faced pads, cross-grooved black
- Rubber-faced pads, cross-grooved white
- Steel-sprayed pads
- Polyurethane-faced pads
- Sandpaper-faced pads



Cast pad



Rubber-faced pad
(smooth black)



Rubber-faced pad
(cross-grooved black)



Rubber-faced pad
(cross-grooved white)



Steel
sprayed pad



Polyurethane
faced pad



Sandpaper
faced pad

