Paper Roll Clamps

Series AR-C



AURAMO

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A clamp for all handling needs

Series AR-C model range is designed to meet the requirements of current and future roll handling. Roll ranges and capacities are designed and selected to match the modern paper grades and roll sizes.

Short and long arm design, along with the effective and fast rotation makes these clamps optimal for handling both vertical and horizontal rolls.

Optional split long arm design allows handling of single rolls, as well as also two rolls at a time.

Clamp design is modular and flexible, with easy adaption to varying operational and handling needs.



Handle more paper in less time

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

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

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.



Efficient handling with built-in load damage prevention

Series AR-C 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. Short arm can be positioned in all rotation positions.

Fast and accurate 180° rotation has precise vertical end positions with end cushioning, reducing paper roll damage.

Contact pad protection as standard. Optimized arm lengths with thin and smooth profile allowing tight stowing in wagons, lorries, containers and ships.

Most comprehensive product range

Our standard selection provides correct size and model for practically every logistic purpose, and in addition there is a possibility to engineer a tailored solution for special applications.

All clamp functions are hydraulically adjustable to match the operation and connection needs.

Split long arm clamp models have a dedicated control hydraulics which is specially engineered to assist the operator to handle both single and two rolls having varying roll heights.



Rigid and proven rotation, with all-new features

The fast and quiet 180-degree rotation has exact vertical end positions. This enables easy and effective rotation at varying operational situations.

Rotation has hydraulic end cushioning in the vertical end positions. This reduces dynamic loads directed to the clamp and lift truck structures, and increases handling and operation safety.

Gear unit is fully protected and equipped with adjustable pressure and operation control. New hydraulic connections and control valve designs provide easy adaptability and installation to varying lift truck specifications.



Ready for advanced operation control

An optional connections interface is available for electrically controlled options and accessories.

This feature makes it easier and faster to install and use of various types of operation lights, valves and other optional control equipment. The optionally available electronic clamping force control and rotation control accessories further increase the ease of use and flexibility of operation.



Whatever the purpose - we have the right contact pads

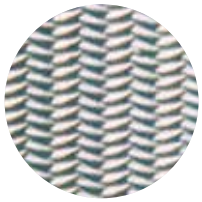
Auramo has paid special attention in designing and manufacturing contact pads which ensure safe and non-damaging paper roll handling. This is important as the contact pads are the only parts of the clamp which actually are in contact with the paper rolls.

All pads have a thin and smooth design with high-friction contact surfaces. A wide variety of different contact pad types and sizes is available.

Standard contact pads for all AR-C series clamp models are short cast pads (2+2 pads). Full-length unsplit pads (1+1 or 1+2 pads) are available for many contact pad and clamp models.

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


Cast pads, with high friction surface


Rubber-faced pads, smooth black

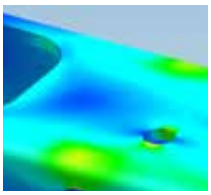

Rubber-faced pads, cross-grooved black


Rubber-faced pads, cross-grooved white


Steel-sprayed pads


Polyurethane-faced pads

Auramo paper roll handling concept



Safety

Safety is the top priority in Forest Industry. Our mission is to ensure those priorities are fulfilled and exceeded. Auramo products are configured & manufactured according to highest standards.



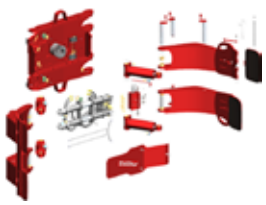
Damage Free Handling

Zero roll damages- that´s our goal. Our slim and smooth clamp design, wide range of contact pads, and correct clamping force provides sensitive and secured grip for rolls.



Efficient & Easy

Improved handling efficiency by fast and accurate hydraulic movements. Built to purpose clamp geometry & optimized visibility guarantees easy and fast roll approach



Extensive Product Range

Thanks to Auramo modular concept, we are able to offer effectively wide range of standard and modified models. Dedicated product series for all papers: cardboard, tissue, specialty etc.



Customization

Where standard model is not a perfect fit, we offer a possibility to manufacture customer tailored special products according to individual facility & logistics demands.



Intelligent Options

Long experience in sensors and controls utilization in material handling applications results in a selection of accessories and options which assists driver for more Safe, Damage Free and Effective handling.



Partner in AGV Solutions

Decades of active partnership with Automated guided vehicle (AGV) suppliers in various forest products logistic flow and warehousing automation projects.



Customer-Centric Philosophy

We are value adding partner to our customers. Collaboration close to end-users, know-how in paper logistic, flexible dedicated production and R&D plant in Finland is actively participating in customers logistic enhancement .

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