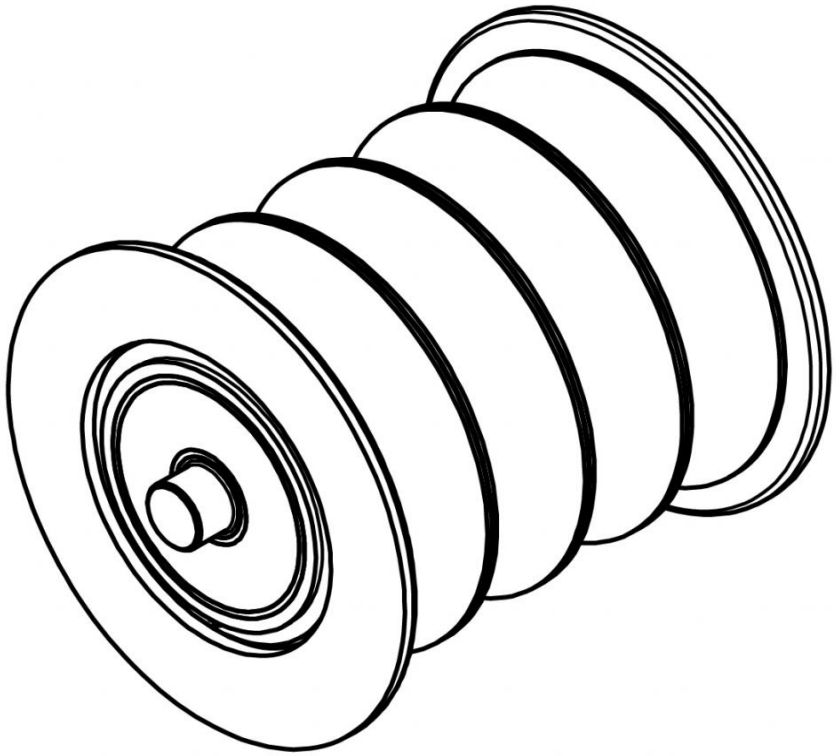
GANTREX
ON TRACK. WITH YOU.

Crane Rollers

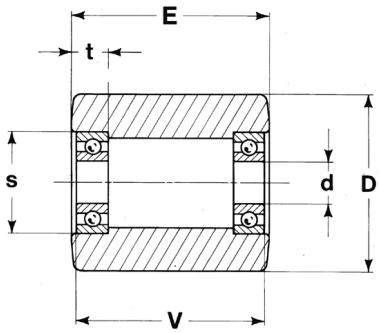
PORT CRANE SOLUTIONS

DRAWING

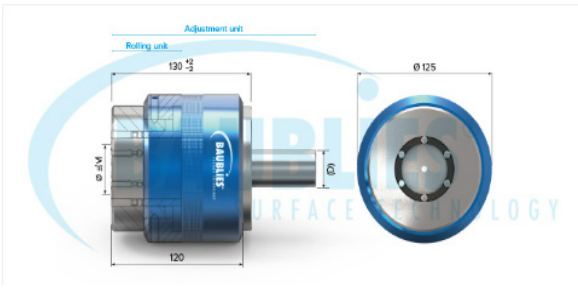


STANDARDS AND FLEXIBILITY

DRIVEN OR NON DRIVEN CRANE WHEELS



DRIVEN CRANE WHEELS TYPES



GENERAL INFORMATION

These rollers are machined out of solid-steel. Because no protection is used against environmental influences, they are intelligible for corrosion. The rollers are very highly sideways- and peak load resistant. The double shielded ball bearings are lubricated with durable grease.

The rollers have a very high load capacity and yet an extremely low rolling resistance. They are extremely wear- and shock resistant and insensitive to sharp materials. Relatively high floor pressure is to be considered (for pressure-sensitive floors) as well as a higher noise level and harder to overcome (little) obstacles.

Very heavy loads on smooth and not so smooth floors filthy with sharp materials like glass or metal curls, where low requirements are made to noise and rolling comfort

(*) *All dimensions are rounded off to serve as general guidelines only. Contact Gantrex for more details*

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SELECTION PARAMETERS

Diameter X Width
Bearing Seat
Load Capacity 4Km/h
Ball Bearing Size
Ball Bearing Type
Fixing Lenght Roller

INSTALLATION AND SUGGESTED WELD INSTRUCTIONS

Every step of the installation is subjected to high standards process charts edited by Gantrex.

To equip your crane with Gantrex Crane Wheels takes around 1 week, depending on crane condition. To be noted, Gantrex can also assist crane manufacturer for an optimal installation. Contact our teams for more details.

1	Prepare working area	Prepare a secured working area & the scaffolding (for trolley tracks), lift up all necessary materials and store them in a safe manner.
2	Check supporting structure	In case of presence of any level discrepancies in the track, correct them. According to ISO 12488-1-2012 class 1
3	Install the wear plates (& pads)	Tack weld the wear plates into position in four locations so as to prevent them moving during installation. Install the Gantrex RailLok™ Pads
4	Position Gantrex Full Web Short Rail	Place Gantrex Full Web Short Rail in accordance with the installation arrangement drawing and check span measurements;
5	Install clips and clamps bases	Mark up the beam for clips and clamps bases welding in accordance with the installation arrangement drawing, tack weld them into position, and finish the welds according to clip and clamp technical datasheets.
6	Weld the Gantrex Full Web Short Rail	Prepare all the necessary equipment and material, align the Gantrex Full Web Short Rails with the OEM rail and weld of the joint
7	Install clips and clamps and shear blocks	Check span, alignment and straightness measurements that they conform to the installation arrangement drawing and ISO 12488-1-2012 class 1, fit all remaining clip cap assemblies, torque clips and clamps according to their TDS and finish by welding the shear blocks.
8	Repeat operations	Repeat steps 3 to 7 four times to complete the installation
9	Verify step at hinge	With handheld grinder ensure that the short rail transition is flush through the hinge joint area with no greater misalignment than 0.5mm on the sides of the head.
10	Clean the working area	