

GLOBAL PRESENCE AND LOCAL SERVICE



2° ed. TOP EN 12/24

- Manufacturing, Sales, Service
- Sales, Service

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Canada
China
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France
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India
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Italy
Poland
South Africa
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Sweden
Thailand
United Kingdom
USA

ABOUT RULMECA

Founded in 1962, the Rulmeca Group has grown to be a leading partner to the global materials handling industry. Rulmeca Group is the world's largest supplier of rollers, idlers, pulleys and motorized pulleys for heavy duty belt conveyors for quarries and mining applications and of Rollers, Drum Motors and 24V Drive Rollers for Intralogistics.



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TOP SERIES

DISCOVER THE FUTURE
OF CONVEYOR ROLLERS
WITH RULMECA'S
TOP ROLLER



Introducing the innovative TOP Roller from Rulmeca - a cutting-edge, eco-friendly, and efficient solution for your conveyor systems. This advanced roller is made entirely of thermoplastic materials, except for the steel components in the ball bearing and shaft. Experience the superior performance and numerous benefits of this remarkable product.

WHY CHOOSE TOP ROLLER?

LIGHTWEIGHT CONSTRUCTION

- **50% Lighter than Steel Rollers:** Reduce power consumption during start/stop operations, leading to lower energy requirements.
- **Easy Handling:** Simplify mounting and maintenance, minimizing operator back injuries and enhancing safety, particularly in challenging installations such as suspended or long conveyors.
- **Cost-Effective Transportation:** Enjoy the benefits of easier and cheaper transportation due to the lighter weight.

DURABILITY AND LONGEVITY

- **Wear-Resistant and Corrosion-Free:** The HDPE tube ensures minimal abrasion and corrosion, extending the roller's lifespan and reducing overall maintenance needs.
- **Chemical Resistance:** Suitable for various applications, as the roller is resistant to a wide range of chemical agents and will not rust.

BELT-FRIENDLY DESIGN

- **Minimized Wear on Belts:** The smooth HDPE surface prevents belt damage, promoting longer belt life.
- **Self-Cleaning Surface:** Prevents material buildup, a common cause of belt mis-tracking, and reduces spillage.

NOISE REDUCTION

- **Low Noise Emission:** The thermoplastic material absorbs noise, making the roller quieter during operation.

ENERGY EFFICIENCY

- **Low Running Resistance:** Features a sealing system that lowers motor torque requirements during starts, allowing for smaller motor power and reducing energy consumption.
- **Enhanced Overall Efficiency:** Combined with its lightweight nature, the TOP Roller significantly lowers the energy footprint of your conveyor system.

VERSATILE APPLICATIONS

The TOP Roller is ideal for various industries and applications, including cement, coal, gravel, fertilizers, ports, and chemicals. Its robust construction and versatile design make it suitable for a wide range of environments and operational conditions.

TECHNICAL DATA

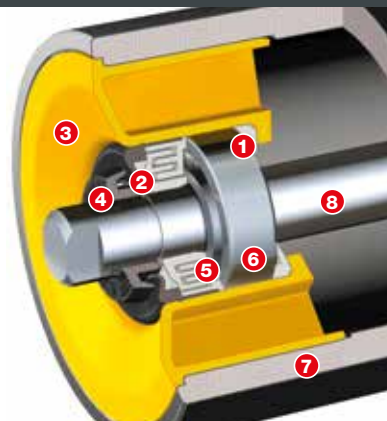
ROLLER TYPE	ROLLER Ø (mm) (inches)		TUBE THICKNESS (mm)	SHAFT Ø (mm)	BEARING TYPE
TOP/C1 TOP/V1	89		9.0	20	6204 (C3)
	108		9.5		
	133		11.0		
TOP/C2 TOP/V2	102	4"	9.5	25	6205 (C3)
	114		9.5		
	127	5"	10.5		
	133		11		
	140		11		
TOP/C3 TOP/V3	133		17	25	6305 (C3)
TOP/C5 TOP/V5	152	6"	17	30	6306 (C3)
	159		17		



IDEAL FOR DEMANDING INDUSTRIES

- **MATERIALS:** HDPE Tube, Homopolymer Acetal Resin (POM) Bearing Housings
- **WORKING TEMPERATURE:** -25°C to +50°C
- **SEALING OPTIONS:** Hermetic (TOP/V) and Contactless (TOP/C)
- **AVAILABLE SIZES:** Customizable lengths up to 538 mm, for specific load capacities refer to Rulmeca catalog available on website rulmeca.com.

- 1 Internal seal
- 2 Standard external seal contactless execution
- 3 Bearing housing
- 4 Stone Guard
- 5 Labyrinth seal
- 6 Precision bearing
- 7 Roller shell
- 8 Spindle



Bearing housing:
Homopolymer Acetal Resin (POM)

ORDER YOUR TOP ROLLER TODAY! For more information or to place an order, contact your local Rulmeca representative or visit www.rulmeca.com. Join the future of conveyor technology with Rulmeca's TOP Roller - the light, strong, and eco-friendly solution for your needs.