

# GLOBAL PRESENCE AND LOCAL SERVICE



2<sup>a</sup> ed. SUP EN 12/24

- Manufacturing, Sales, Service
- Sales, Service

Australia  
Canada  
China  
Denmark  
Finland  
France  
Germany  
India  
Indonesia

Italy  
Poland  
South Africa  
Spain / Portugal  
Sweden  
Thailand  
United Kingdom  
USA

## ABOUT RULMECA

*Founded in 1962, the Rulmecca Group has grown to be a leading partner to the global materials handling industry. Rulmecca 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.*



# RULMECA®

MOVING AHEAD

**Group Headquarters: Rulmecca Holding S.p.A.**  
Via A. Toscanini, 1 - I-24011 Almè (Bergamo) Italy  
Tel +39 035 4300 111 - export-it@rulmecca.com

**rulmecca.com**



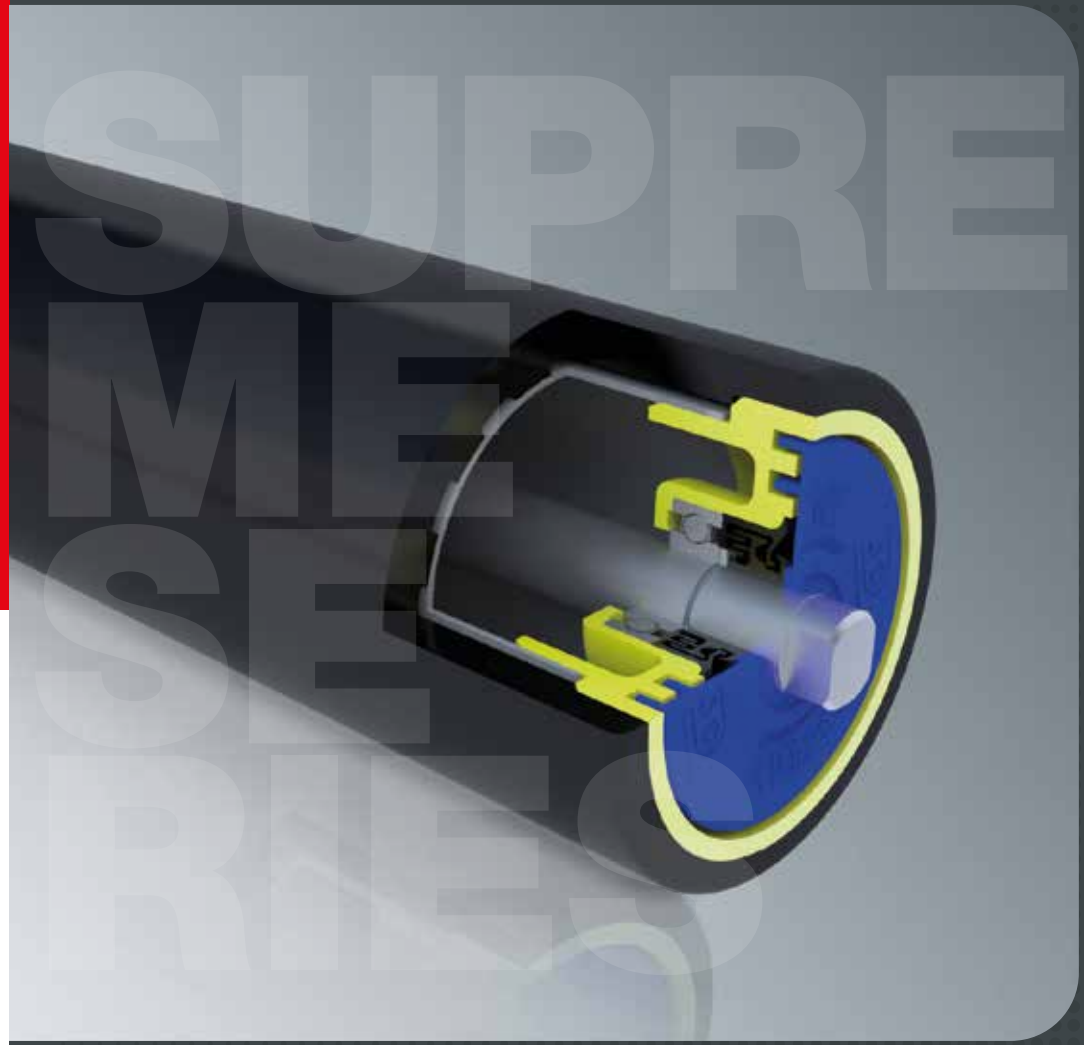
## SUPREME SERIES

THE ULTIMATE  
SOLUTION  
FOR HEAVY-DUTY  
APPLICATIONS



# RULMECA®

MOVING AHEAD



## SUPREME ROLLER: THE ULTIMATE SOLUTION FOR HEAVY-DUTY APPLICATIONS

Are you tired of rollers that can't stand up to the toughest jobs? Look no further than the Supreme roller, the ultimate solution for heavy-duty applications. The Supreme roller is a heavy-duty roller designed to resist buildup and corrosion, a unique combination of durability, performance, and efficiency.

### BUILT TO LAST

- The Supreme roller features a robust steel tube that provides exceptional mechanical strength, ensuring it can handle even the heaviest loads.
- Its ultra-thick HDPE shell, measuring 12 mm or more, offers unmatched abrasion and corrosion resistance, guaranteeing a long service life.
- This HDPE shell contains carbon black, which significantly increases its resistance to ultra-violet light, further extending its lifespan.

### ENGINEERED FOR PERFORMANCE

- Despite its robust construction, the Supreme roller is surprisingly lightweight due to its ingenious combination of steel and HDPE materials.
- Its unique bearing housing securely locks the HDPE tube in place, preventing any unwanted movement along the steel tube.
- The Supreme roller features a large-diameter stone guard with an integral labyrinth design. This innovative feature minimizes the risk of jams caused by spilled material while providing extra protection against water and dust ingress.
- A specially designed multi-part labyrinth seal, available in various configurations, provides superior protection for the bearing, preventing contamination and ensuring smooth operation.



## EFFICIENCY AND RELIABILITY COMBINED

- The Supreme roller's ultra-low running resistance and break-away mass translate into significant reductions in power consumption during both start-up and continuous operation.
- Its precision-machined finish ensures low run-out, minimizing vibration and noise emission, making it ideal for noise-sensitive environments.

## IDEAL FOR DEMANDING INDUSTRIES

THE SUPREME ROLLER  
IS THE PERFECT CHOICE FOR  
A WIDE RANGE OF HEAVY-DUTY  
APPLICATIONS.

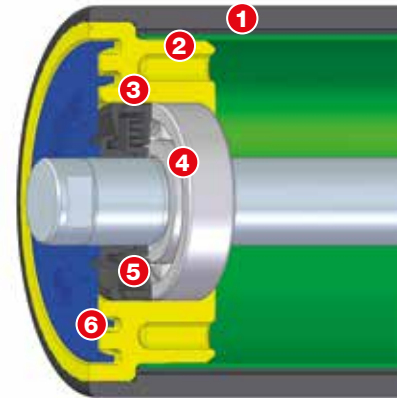
- Mining (Platinum, Copper, Uranium, Iron Ore, Gold, Diamonds, Sand)
- Coal Process Plants
- Coal Fired Power Stations
- Import/Export Terminals
- Belt scales
- Aluminium Smelters
- Steel Plants
- Fertilizer Plants

## TECHNICAL DATA

Series Executions	SPRM/2 C-H	SPRM/3 C-H	SPRM/4 C-H	SPRM/5 C-H	SPRM/7 C-H
shaft Ø mm	25	25	30	30	40
bearings	6205	6305	6306	6306	6308
shell Ø mm	127 - 133 - 152 - 159	127 - 133	127 - 133	152 - 159	152 - 159 - 178

Executions: C=contactless seals - H=Hermetic seal

- 1 HDPE thick shell, lathe turned
- 2 Internal reinforcing steel tube
- 3 Strong polymer bearing housing, fiber glass added
- 4 Deep groove precision ball bearings, C3 increased clearance
- 5 Internal seal: Contactless or Hermetic seal as required
- 6 Static, large protection Stone Guard / Cover



## UNMATCHED QUALITY AND RELIABILITY

The Supreme roller is built to the highest standards of quality and reliability. Experience the difference a Supreme roller can make in your operations.

**Contact us today to learn more!**