

BULK HANDLING

ROLLERS/IDLERs
MOTORIZED PULLEYS
PULLEYS AND COMPONENTS





Photo by LEITNER S.p.A.

BULK HANDLING

Today's movement of goods and bulk materials require state of art products. Since its foundation in 1962, Rulmeca, headquartered in Bergamo (Almé), Italy, has grown to become one of the world's leading manufacturers of conveyor rollers/ idlers, motorized pulleys, fabricated pulleys and other components for the bulk handling industry. 1,200 employees in seventeen production and sales companies around the globe serve clients in 85 countries. Today, Rulmeca Group's global business incorporates the product brands Rulmeca,

Precismeca and Melco. All three of them specialized in the supply of long-lasting premium belt conveyor components. Rulmeca Group products are developed and produced to meet the most demanding challenges of all major bulk handling applications.

The close partnership with our customers, OEMs, engineering companies and end users confirms us as one of the most trusted brands in the industry. We have the expertise, the experience and the products you need, contact us.

SOLUTIONS FOR ANY INDUSTRY



**MINING, COAL
AND LIGNITE**



**STEEL
AND POWER PLANTS**



**RECYCLING, CRUSHING
AND SCREENING**



**SALT
AND SUGAR PLANTS**



**PORTS, IMPORT
AND EXPORT TERMINALS**



**CEMENT, QUARRIES
AND TUNNELLING**

PREMIUM CONVEYING COMPONENTS



ROLLERS



Steel rollers and Techno polymer rollers, with rubber rings for impact and return stations. The rollers produced by Rulmeca are manufactured according to all known national and international standards: ISO, UNI, DIN, AFNOR, FEM, BS, JIS, SANS and CEMA.

PULLEYS



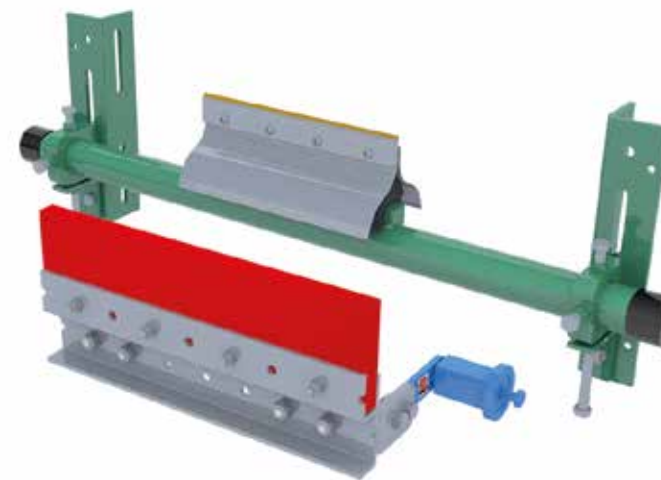
Rulmeca designs and manufactures light and heavy duty pulleys, using materials of the highest quality in a production process employing advanced technologies. Rulmeca pulleys minimize noise and vibration as well as contribute to a longer belt life for overall lower cost of ownership.

TRANSOMS/FRAMES



- CARRYING:
Fixed carrying troughing set
- IMPACT:
Used in the load points
- RETURN: Fixed return sets
- SELF ALIGNING:
Solve problems of belt misalignment thanks to the large central pivot bearing and guide rollers.

CLEANERS



The cleaning equipment is used to assure the general plant efficiency and to reduce the periods of service needed for maintenance. Hard steel scrapers and polyurethane cleaners are well known for their efficiency, for ease of installation, for their project simplicity and economy of use.

GARLANDS



The suspended garland sets are important components that assure ample movement possibilities and at the same time grant a fast, straight forward installation and maintenance. Suspended garland sets are quickly and simply installed, and allow maintenance to be performed on them without shutting down the plant.

COVERS



Rulmeca covers fulfill the requirement to protect belt conveyors and contain dust and noise (available in pre-formed PVC and in corrugated galvanized sheet steel).



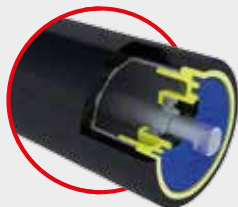
PSV SERIES

Suitable for all Bulk handling applications.
Shaft diameter range: from 20 to 50 mm
Tube diameter range: from 63 to 219 mm



TOP SERIES

For light/medium duty conveyors in aggressive and corrosive environments.
Shaft diameters: 20 to 25 mm
Tube diameter range: 89 to 133 mm



SUPREME SERIES

HDPE rollers with steel inner tube, for medium/heavy duty applications.
Shaft diameters range: to 25 to 40 mm
Tube diameter range: from 102 to 178 mm



MONOBLOCK SERIES

This sealing is used solely on extreme heavy duty rollers (40, 50 & 60mm shafts) in the roughest conditions in the world. It features a large diameter outer guard accompanied by a triple labyrinth that prevents bearing contamination.



BTR SERIES

Rulmeca belt tracking roller, solves severe misalignment problems without modification of the conveyor structure.
Belt width range: from 450 to 2300 mm



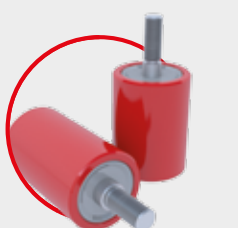
IMPACT ROLLERS

With rubber rings and steel core, these rollers are designed to absorb the stress given by the impact of the material drop.



RETURN ROLLERS

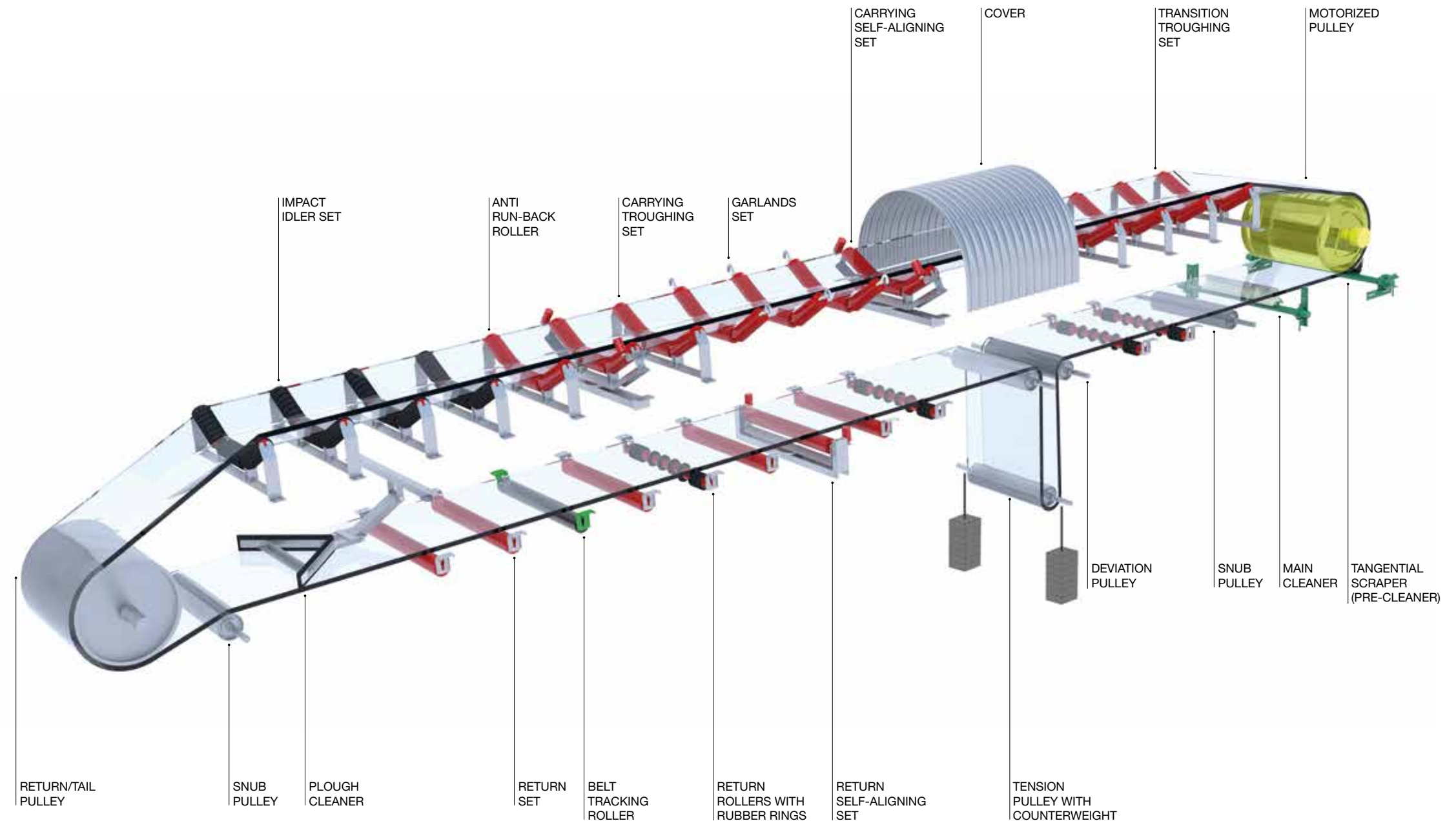
Return rollers contribute to eliminating the build-up of material, particularly present in the belt centre.



GUIDE ROLLERS

Guide rollers are composed of a base roller and are vertically mounted in pairs at the edges: their function is to limit the side-slip of the belt.

ROLLERS/IDLERS AND COMPONENTS FOR BULK HANDLING APPLICATIONS



Application must be evaluated taking into consideration application loads and environmental conditions.
Let Rulmeca assist you with selecting the correct products.



Rollers, stations and garlands certified according to ATEX 94/9/EC norms,
Explosion Group I category M2 for Mines,
Explosion Group II category 2G for gas and 2D for dust,
Explosion Group II category 3G for gas and 3D for dust
(Zones 1, 2 for gas, Zones 21, 22 for dust).

BECAUSE PARTNERSHIP MATTERS

rulmeca.com



GLOBAL PRESENCE AND LOCAL SERVICE



1° ed. BR_BU_EN 04/20



Rulmeca Limited

75 Mason Street, Wallaceburg, Ontario, Canada

Phone: 519-627-2277 - sales-na@rulmeca.com

rulmeca.ca

