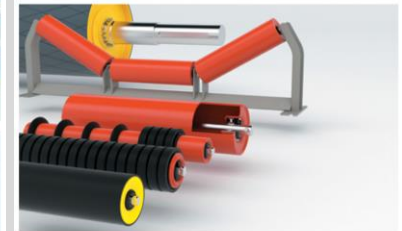
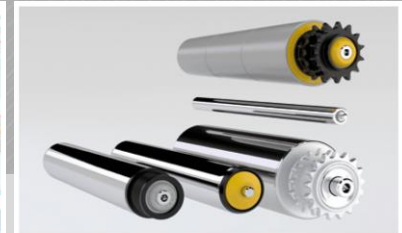
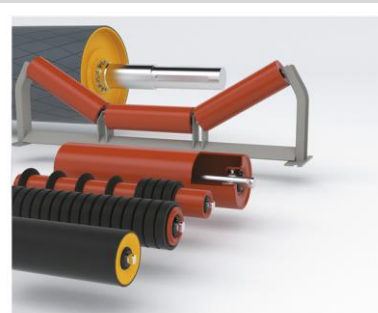
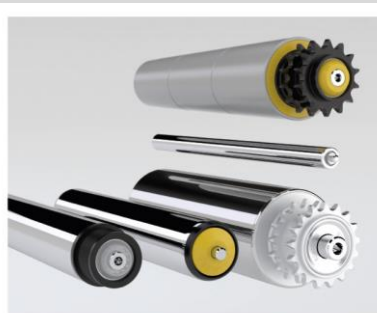


Rulmeca - Moving ahead



Expertise in conveyor components

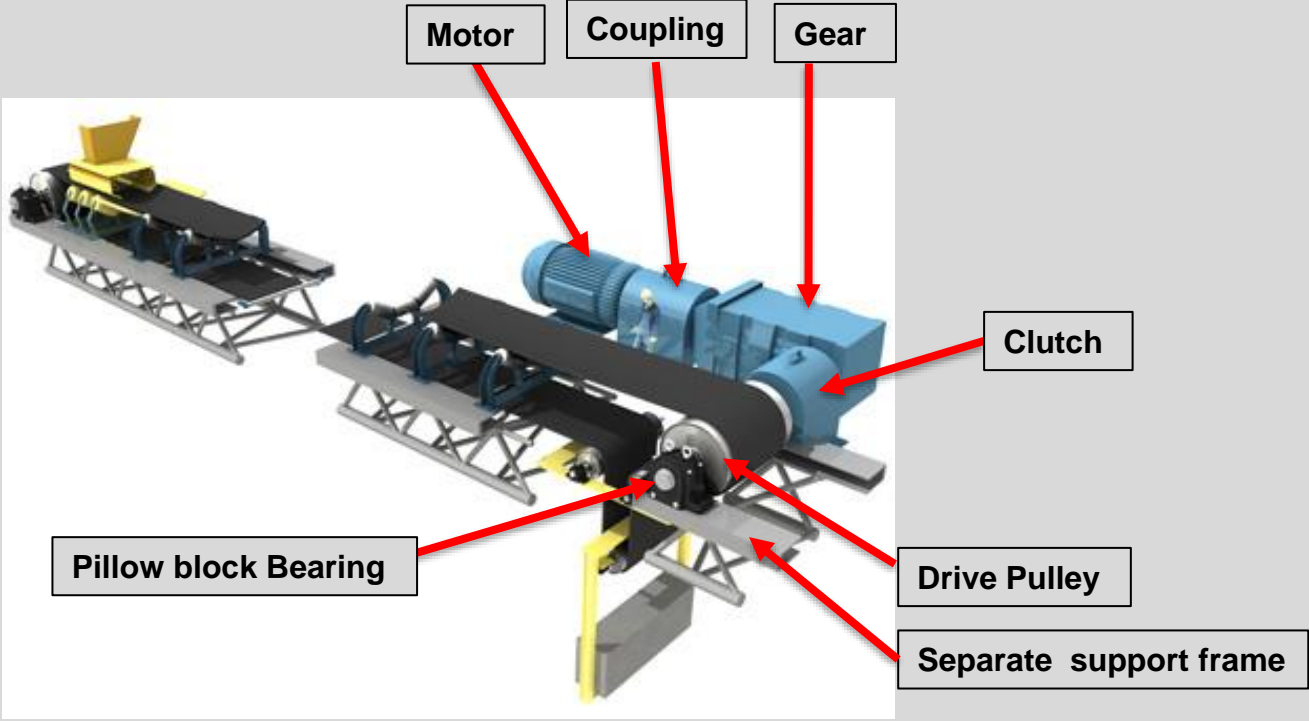
Every day and on all continents, components of Rulmeca group companies improve performance, safety and reliability of systems, equipment and machines within the global material handling industry.



Moving ahead.



Conveyor Drive

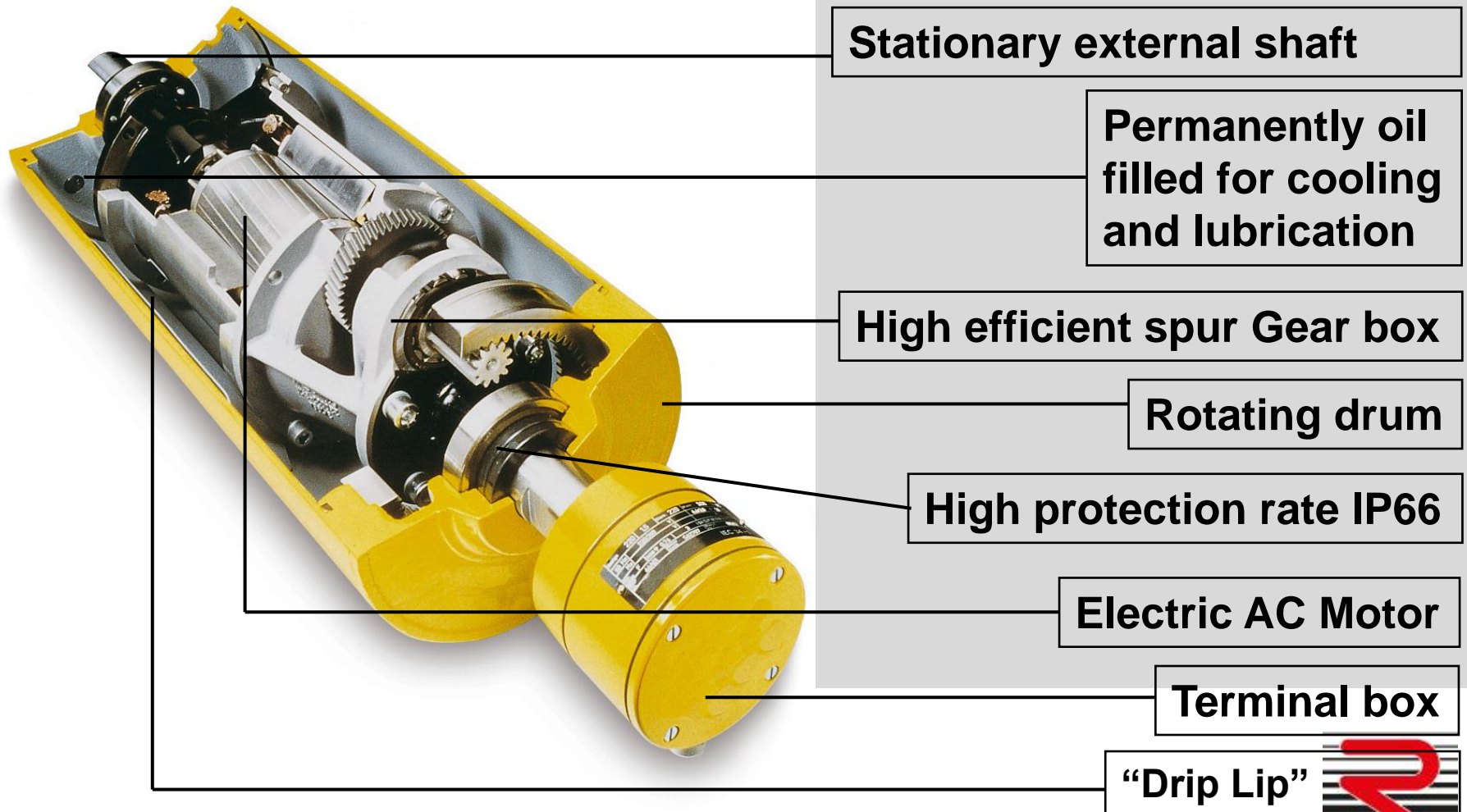


Moving ahead.



RULMECA GERMANY GmbH

Motorized pulleys

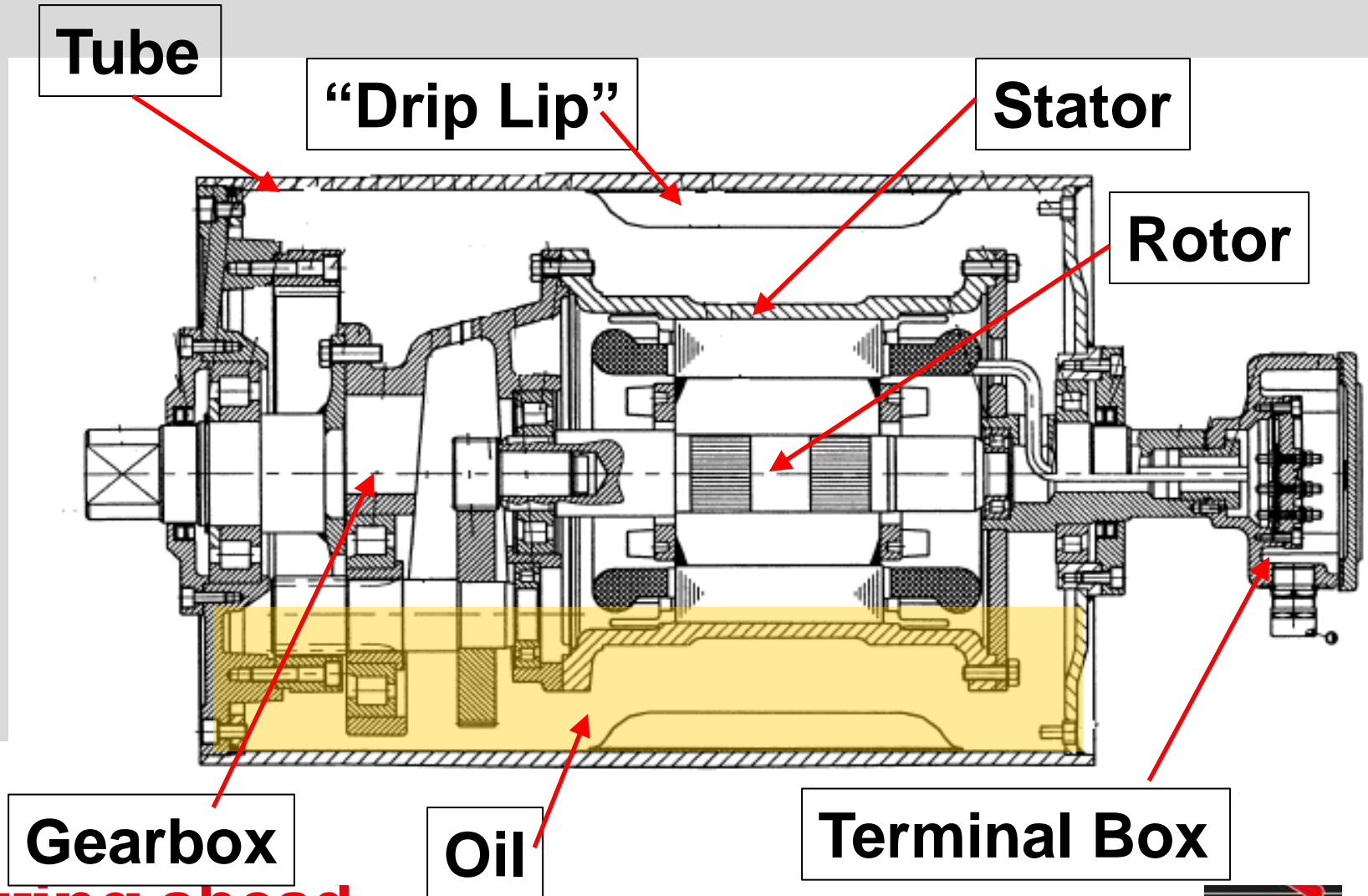


Moving ahead.



Motorized Pulley

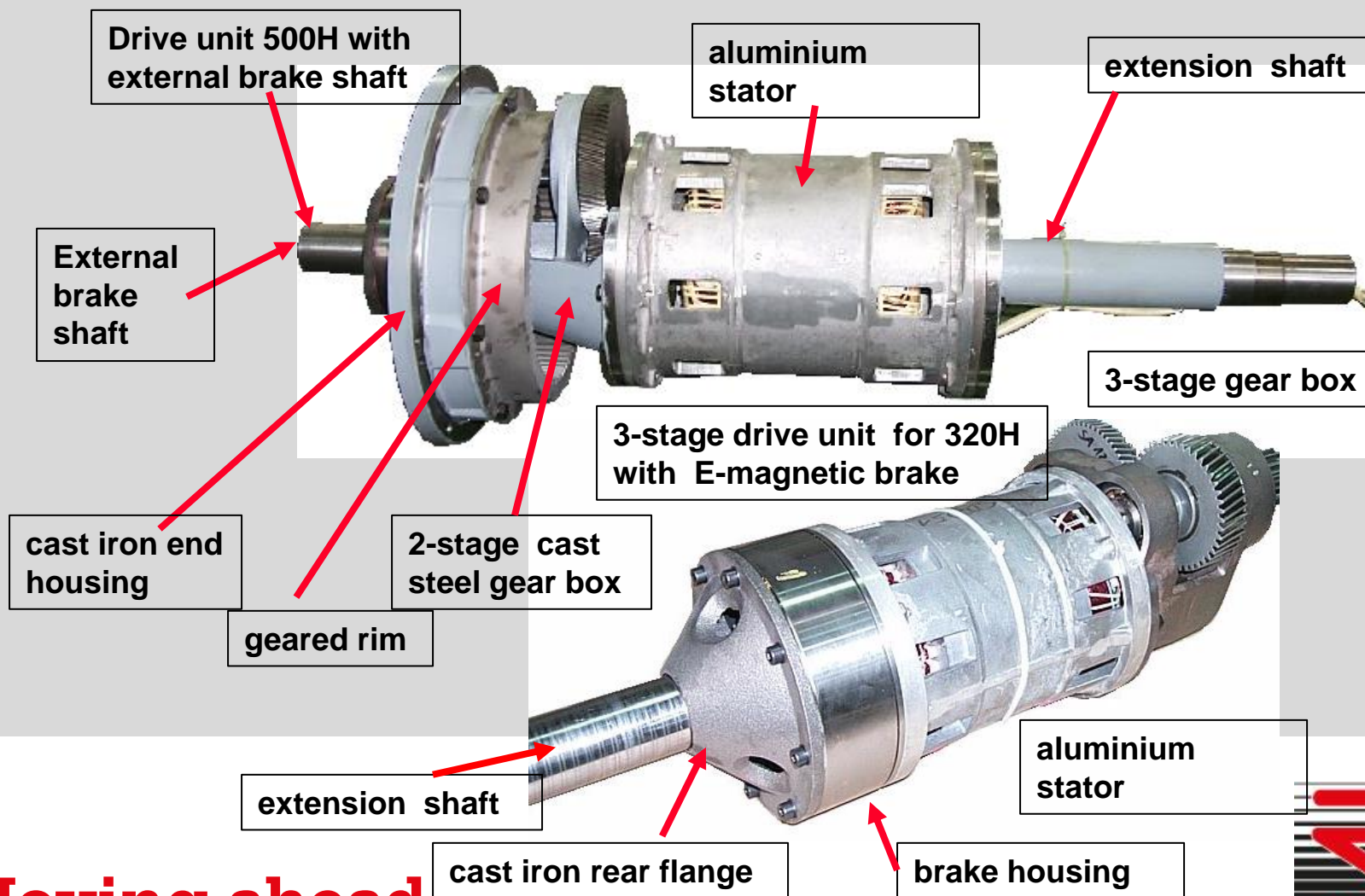
Cross Section



Moving ahead.

RULMECA GERMANY GmbH

tough & strong – designed for heavy duty



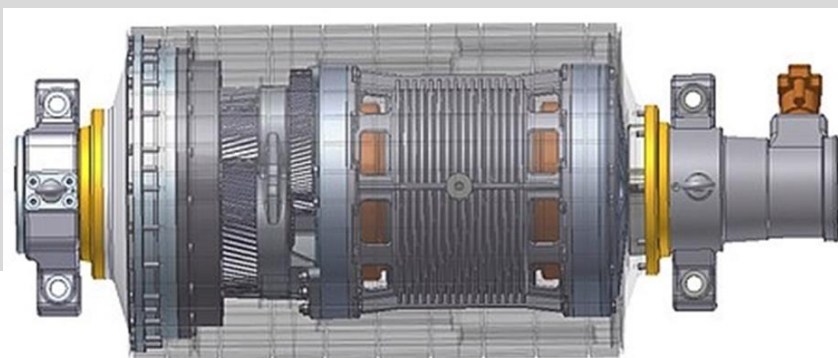
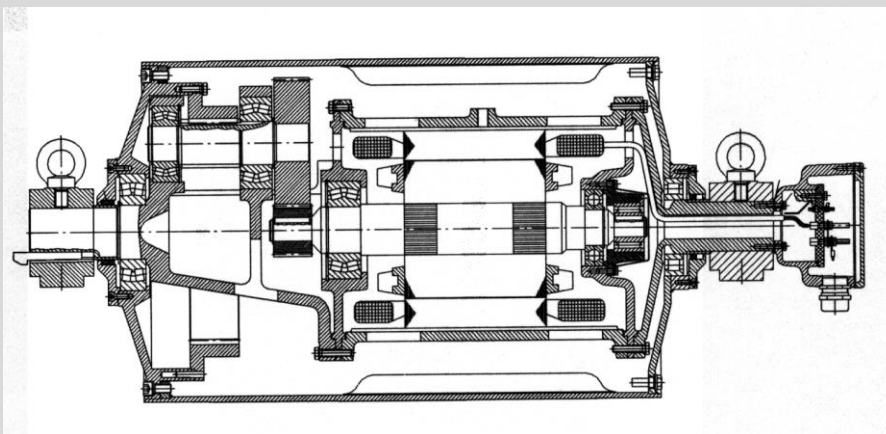
Moving ahead.



RULMECA GERMANY GmbH

tough & strong – designed for heavy duty

220M – 1000H/HD – 2.2 to 250kW



Moving ahead.



Reliability

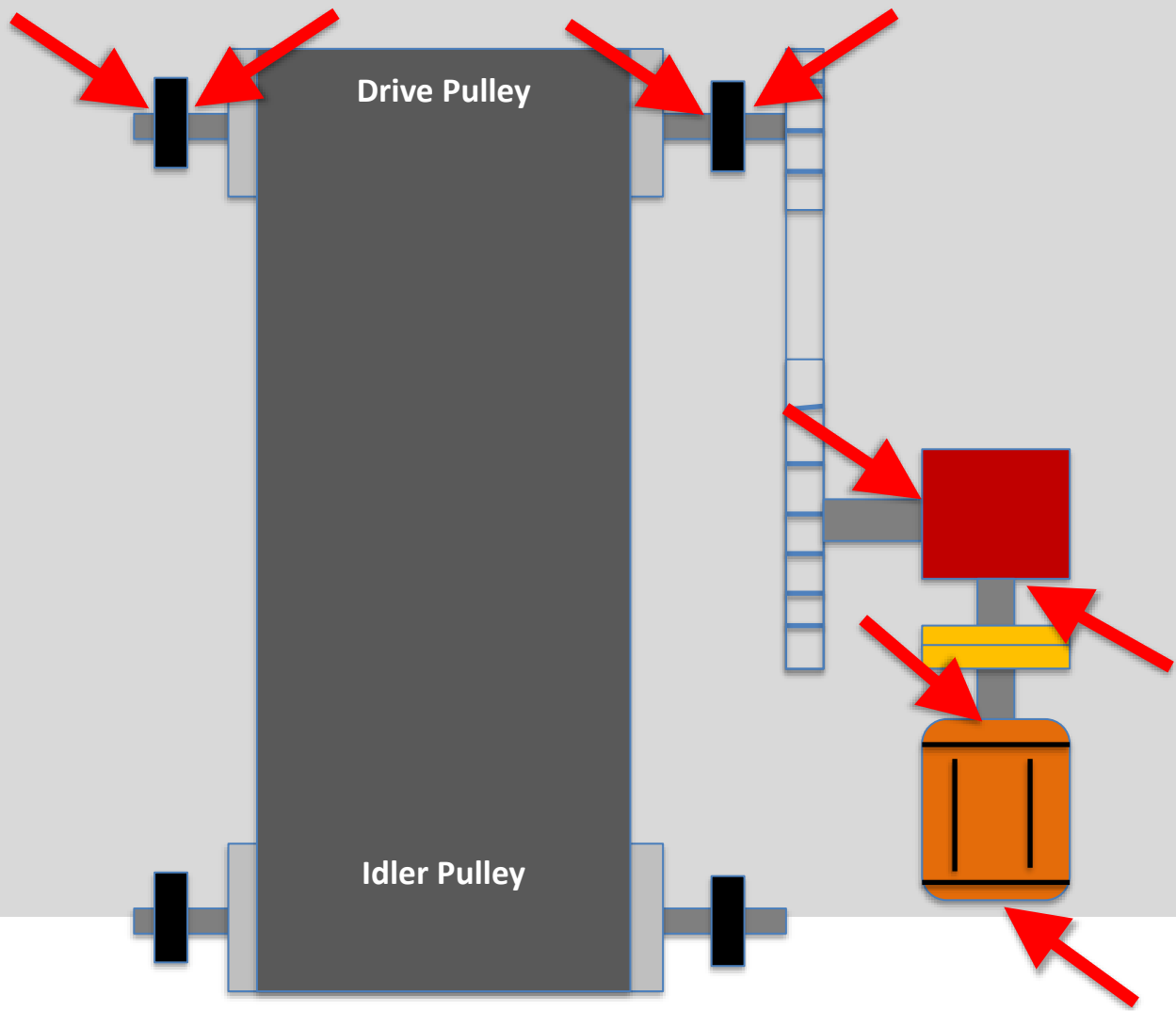


*Types of
external Motor
Protection
Switches*

Internal Motor Winding
Protection as **STANDARD**
in ALL Rulmecca Motorized
Pulleys

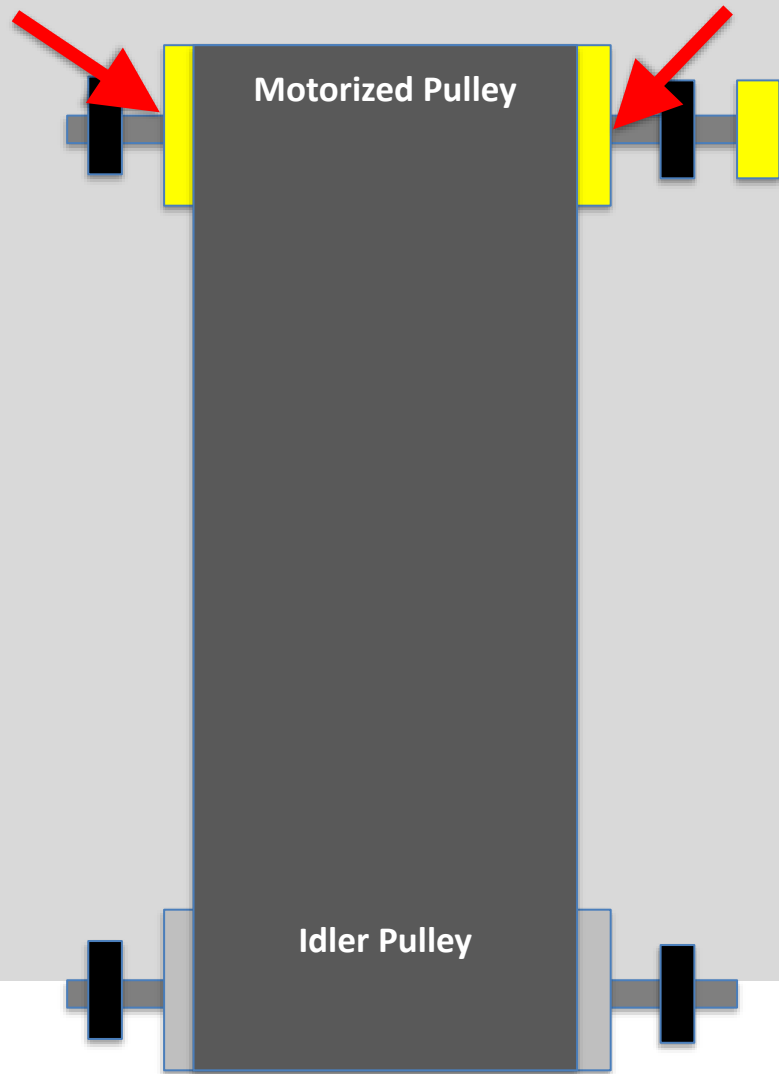


Moving ahead.



Moving ahead.





Moving ahead.



Rulmeca Motorized Pulleys –

purpose-built for conveyor drives

Hermetically sealed drive – IP69/67 sealing

Requires NO maintenance except an oil change after 20'000 hours. Synthetic Oil after 50'000 h!

NO external gearbox, chain guard, motor and pillow block bearings

Start-up torque of 200% by using single as well as dual synchronic drives

Re-greasable labyrinth seals available

Oil change without dismounting the drive

All vital parts CNC machined!

Self lubricating equal to reduced down time

Ability to withstand dusty, aggressive, corrosive and abrasive environments

Super heat dissipation even covered with dust!

Simple and quick to install. Fewer parts to assemble and align

Explosion dust proof ATEX 95, Zone 22 available!

High efficiency from gearbox to belt. Power savings up to 30%

Space saving & aesthetic compact design

Class F with Thermal Overload in each phase as standard! Class H optional!

Weight saving and equal distribution

Safer with fewer moving parts! Using dead shafts NO external risks!

To increase friction and to reduce belt tension, rubber or ceramic lagging is possible!

Quieter than most exposed drives

18 months warrantee

Frequency converter prepared!

INTERNAL pre-heating of the pulley available

Backstops or brakes.

CSA certified motors available

Unit Handling Components

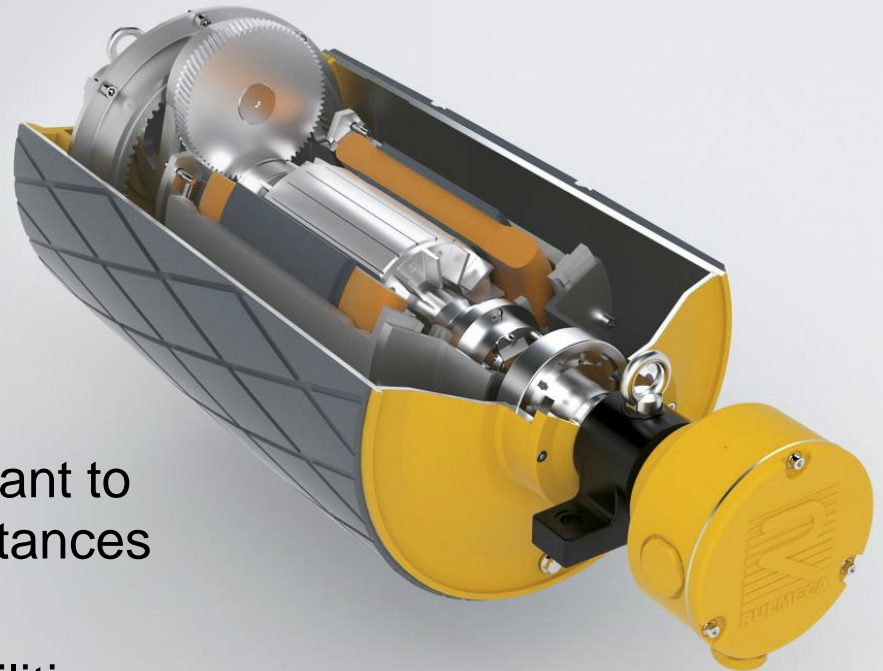
Our range of **Rulmecca made components** for industrial applications help production lines flow, sort mail and parcels, move and store products and goods of all kinds

Moving ahead.



Motorized Pulleys

- Most reliable and efficient belt conveyor drive available
 - Ø 138 – 1000mm
 - 0.10 – 250 kW
 - 0.04 – 5.50 m/sec
- Compact, totally enclosed, resistant to dust, water, oil and harmful substances
- Quick and easy to install
- Significant energy-saving possibilities



Moving ahead.

Rulmeca made by Rulmeca

Components for the handling and transport of unit loads for:

- **Packaging** and **palletising** lines;
- **Airport** logistics;
- **Postal** and e-commerce **sorting** centres;
- **Food processing**: meat, fish, vegetables, fruit;
- Industrial **automation**;
- **Warehousing** and distribution;
- **Logistics**;

Moving ahead.



Rollers



From light / medium duty gravity rollers to heavy duty pallet handling

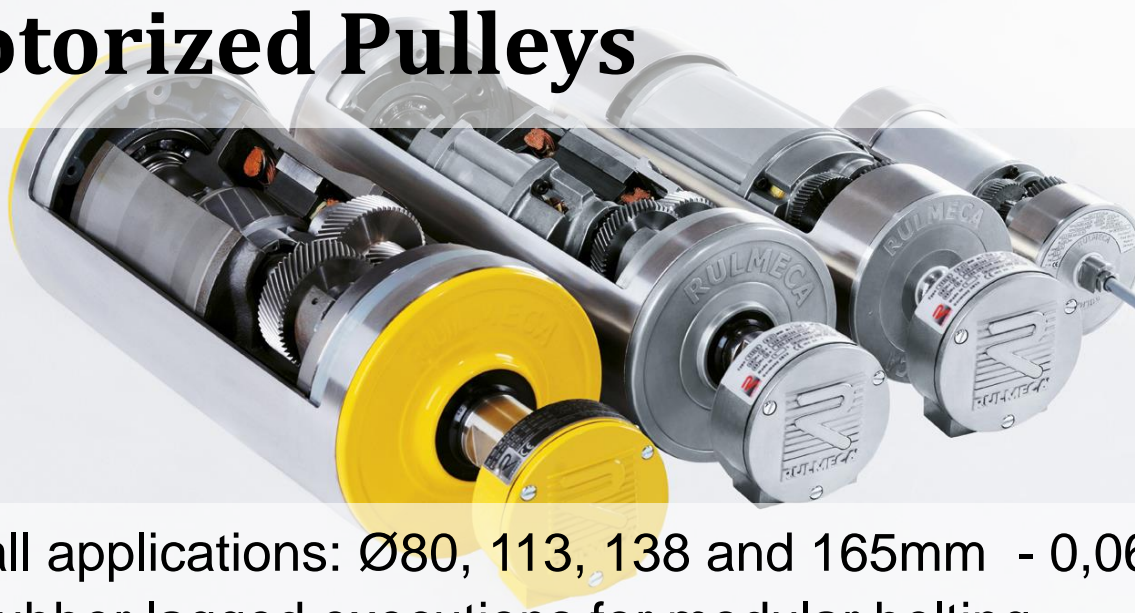
- Gravity
- Tapered
- Chain driven
- Poly V, round belt driven

For standard and aggressive environments

Moving ahead.



Motorized Pulleys



For all applications: Ø80, 113, 138 and 165mm - 0,06kW -1,5kW

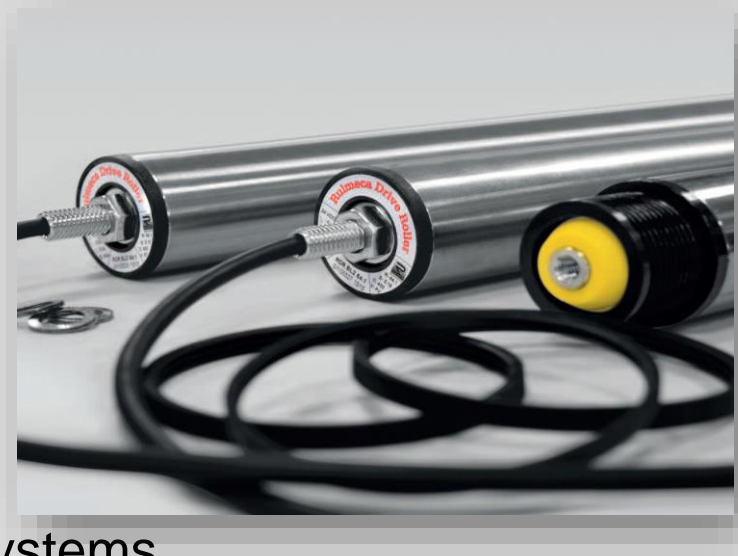
- Rubber lagged executions for modular belting
- Stainless steel execution for food applications

Moving ahead.

24VDC Rulmecca Drive Rollers (patented)

The most efficient drive component for unit handling conveyor technology

- Integrated, safe electronic drive system
- Easy to install and use
- Optimized transmission system
- Directly interfaced with PLC and BUS systems
- Maintenance-free
- Wide range of executions;



Moving ahead.

Application: fruit and vegetable processing, Italy

Bonduelle, Italy: market leader for packed, ready to use vegetables



- Motorized Pulleys
ø113,138,165 /
0,18 -1,5 kW / average speed
0.10 m/s
- Food execution: stainless
steel
- FDA certified rubber coating
and lubricating oil class H1
- Maintenance-free and with
inverters to optimize the
cycles

Moving ahead.

Application: food processing, USA

Cranberry processing, USA, North Central, Wisconsin

- Motorized Pulleys 138LS in full stainless steel with IP69 sealing
- Reduced weight and centered mass of the 138LS
- High pressure wash-down capabilities, great for the sticky situation due to the dried cranberries



Moving ahead.



Application: food processing, Italy

Metameccanica, Italy: complete processing lines for meat, fish, vegetable, fruit, cereals.

- Rulmecca Motorized Pulleys $\varnothing 80\text{mm}$ LS in IP 69 execution.



Moving ahead.

Application: pallet handling, automation.

Orfer Oy, Finland: OEM, material handling systems for various industries

- Rulmeca pallet rollers serie 139/S3
- Rulmeca driven rollers serie 135



Moving ahead.

Application: to clear redundant rope off the deck of a sailing Superyacht

HP Titan, UK: Prototype line / Rope Retrieval machines

- Rulmecca Drive Rollers for yacht mounted rope retrieval machine.



Moving ahead.



Application: Logistic centre, France

ISC, France for: Armand Thierry clothes

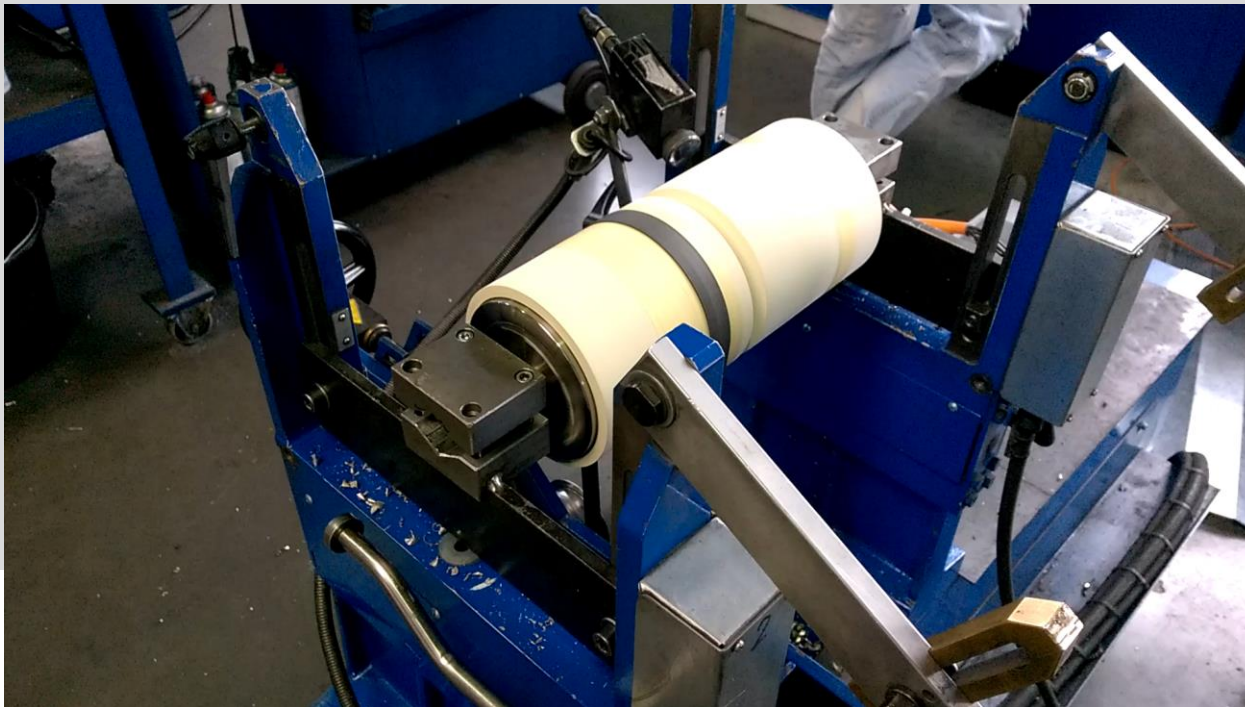
- Quick delivered Rulmecca GL/8 rollers help the customer to economically secure the order.



Application: Slaughterhouses, Germany

Bornhorn GmbH & Co. Kg.

- Motorized Pulleys 138LS and 113LS
- Dynamically balanced: 375 RPM



Moving ahead.



**Thank you for
your attention**

www.rulmeca.com



Moving ahead.

