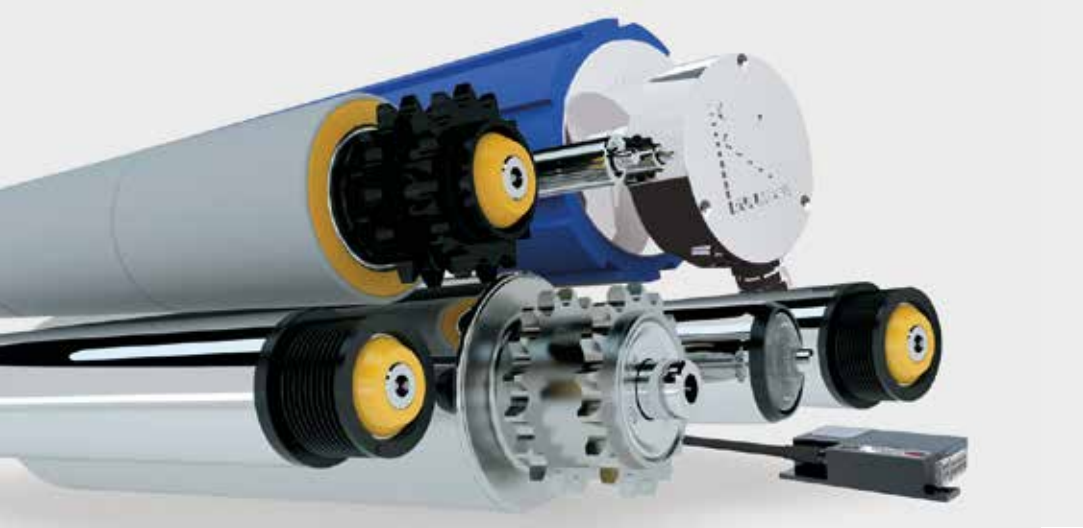


RULMECA PRODUCTS FOR THE FOOD PROCESSING INDUSTRY

Rulmecca's high quality rollers and components for light, medium and heavy duty internal unit handling are available in a large number of variations, surfaces and diameters. These components are meeting requirements for a vast range of normal or aggressive applications due to various material and finish options. With fully stainless-steel option and IP69K enclosure, the RULMECA drum motor tolerates chemicals used for harsh washdown and disinfections in the food processing industry. The essential materials of our drum motor components have passed the strict ECOLAB test protocol, making sure you can safely wash down the equipment.



DRUM MOTORS



EASE OF INSTALLATION:
Rulmecca drum motors are much faster and easier to install because they are just one component with all included, instead of the traditional multiple component motor transmission systems.



SPACE-SAVING DESIGN:
With the electric motor, bearings and gearbox enclosed inside the shell, Rulmecca drum motors are very compact and therefore require less space and reduced footprint. The more centred weight balance increases the conveyor stability and therefore safety.



DESIGNED FOR THE TOUGHEST CONDITIONS:
The Rulmecca drum motors are designed to operate perfectly even in the most aggressive environmental conditions, such as in presence of water, dust, dirt, chemicals, grease, oil and even during high pressure wash-down procedures.



GUARANTEED FOR FOOD:
Thanks to their flat smooth surfaces, food compliant polymers, stainless steel finish and totally enclosed, hermetically sealed design, Rulmecca drum motors are easy to clean, thus reducing contamination risk in food processing environments.



MAINTENANCE-FREE:
The fully sealed design ensures that internal parts are not exposed to external environmental conditions or tampering. A completely self-contained unit, requiring literally no maintenance (except the recommended oil- and seal change after 50.000 hours -> oil depending) throughout its service lifetime.



COST SAVINGS IN ENERGY CONSUMPTION:
Due to the energy effective 3 phase asynchronous drive directly coupled to our highly effective helical gear, the overall energy efficiency realistically reaches 82%. This reduces the energy consumption and lowers the CO₂ foot print of your business and brings you a competitive ROI (Return of Investment) of less than 2 years when compared to a traditional geared motor solution.



COST SAVINGS IN CLEANING & DISINFECTING:
Due to our highly hygienic design with smooth surfaces and no hidden crevices, the cleaning time of our drum motor is greatly reduced when compared to traditional gear motor solutions. Savings in water, chemicals and time lead to the most hygienic drive option in the market with the lowest possible TCO (Total Cost of Ownership).

A Rulmecca Drum Motor is the ideal method of driving conveyor belts. A totally anlosed unit, with the motor, gearbox and all working parts hermetically sealed within the outer shell.



STANDARD DRUM MOTOR RANGE										
		80LP	113LP	138LP	80LS	113LS	138LS	165LS	220M	220H
Diameter [mm]	from	85.5	113.6	135	81.5	113.5	138.5	165	216	216
	to	0.06	0.06	0.06	0.02	0.035	0.1	0.11	0.37	0.37
Power [kW]	from	0.12	0.55	0.55	0.12	0.55	1.00	2.20	4.00	5.50
	to	253	240	275	200	250	300	350	400	450
Roller Length RL [mm]	from	912	1212	1212	1000	1200	1800	1800	2000	2000
	to									

GLOBAL PRESENCE AND LOCAL SERVICE



- 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

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rulmecca.com



FOOD PROCESSING INDUSTRY

ROLLERS, DRUM MOTORS
24V DRIVE ROLLERS
AND COMPONENTS



RULMECA®
MOVING AHEAD



FOOD PROCESSING INDUSTRY

SOLUTIONS FOR ANY INDUSTRY



MEAT INDUSTRY



FISH & SEAFOOD INDUSTRY



DAIRY INDUSTRY



READY TO EAT MEALS INDUSTRY



FRUIT & VEGETABLE INDUSTRY



SNACKS & BAKED GOODS INDUSTRY

Today, for all types of food, freshness and a long shelf life, if possible without preservatives, is of vital importance. Strictest hygiene is a determining factor. And for exactly this reason, many food industries rely on Rulmecca drum motors and rollers for processing and packaging conveyor systems. Cleanliness and hygiene can be considered as a single essential concept. The cleaning of surfaces involved in the processing of foodstuffs is undoubtedly a challenging procedure that cannot be neglected. The close partnership with our customers, OEMs,

engineering companies and end users confirms us as one of the most trusted brands in the industry. Rulmecca products improve the performance, safety and reliability of systems, equipment and machines. Rulmecca is strongly committed to the continuous improvement and development of its product range. Rulmecca Group offers a portfolio of state-of-the-art components for a vast array of industries and application handling. We have the expertise, the experience and the products you need, so contact us.





MEAT INDUSTRY

From slaughter to packaging, meat processing requires solutions that are perfectly suited to the harshest environments. RULMECA fully stainless-steel drum motors with IP69K enclosure are the perfect match for your machine or conveyor as, very resistant to intensive cleaning. Our food contact compliant materials (EU Regulation 2020/45 & FDA) assure you the highest food safety in your processing. Hygienically designed according to NSF and EHEDG guarantees a quick and easy continuous or end of shift disinfection.



DAIRY INDUSTRY

The automated processes for transforming milk into ultra-fresh products, cheese or milk powder require reliable and hygienic technologies. With our special focus on providing super fine surface finishing of our drum motors (Ra≤0.8 µm) we have minimized the risk for residual harmful microbes which may infect your foodstuffs.



FRUIT & VEGETABLE INDUSTRY

Freshly produced raw vegetables goes into salad bags we have grown so fond of. As the produce is not heat treated, the risk for contamination is increased. In the canning and frozen foods industry, the equipment is subject to harsh environments, due to the presence of water, steam, juices and residue. RULMECA drum motors provide solutions for raw produce handling as well as deep freeze applications, and helps keep the contamination risk mitigated by being very easy to clean and disinfect.



FISH & SEAFOOD INDUSTRY

Processing fresh fish & seafood, particularly Salmon, is a great challenge with respect to hygiene. Contamination levels in the processing chain has been known to be an issue, and can occur at any point, for instance in machines used in salting, skinning and slicing the raw fish. RULMECA drum motors help reduce the contamination risk by using unique polyurethane when lagging our shells for plastic modular belting solutions. Our polyurethane as opposed to the most commonly used material rubber (NBR/XNBR) does not break up and is solid and non-porous. This means for the user a longer lifetime and greatly reduced risk of contamination.



READY TO EAT MEALS INDUSTRY

As many ready-to-eat meals are fresh and uncooked, a special care and focus needs to be put on the production environment and machines. Meal ingredients are fresh and delicate, and intensively manipulated by processes i.e. cutting, sorting and presenting in trays for packaging. This increases the risk for introducing contamination from processing machinery surfaces which reduces the shelf life and can present health risks. RULMECA hygienic drum motors and components make it easier to provide for a super clean environment due to our hygienic design focus which is in our DNA.

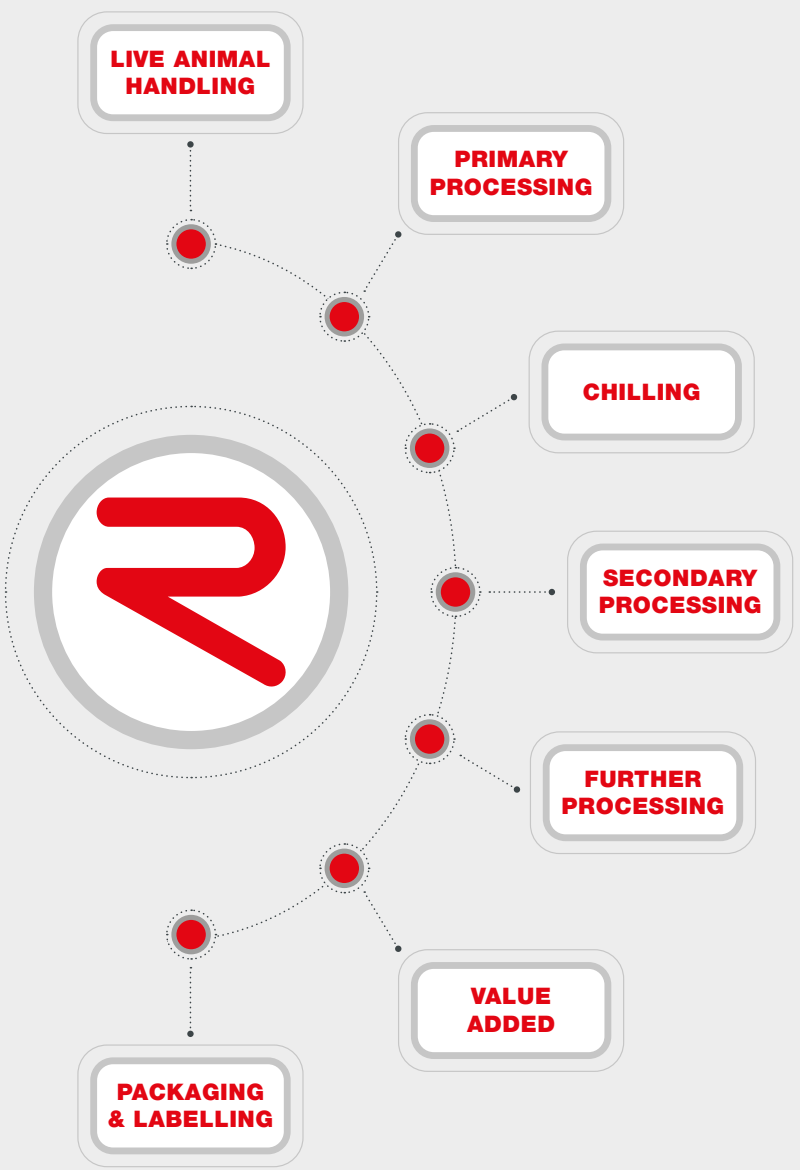


SNACKS & BAKED GOODS INDUSTRY

Snacks, baked goods, pastries, chocolate products and confectionery go through many automated processes including transport on conveyor belts. RULMECA drum motors support the most hygienic conveyor belts preferred in these machines. We offer a premium polyurethane lagging, with superior lifetime and greatly reduces contaminations risks.



WE'RE ABLE TO COVER EACH PROCESS STAGE



In the food sector, the transportation of raw materials, semi-finished and finished products must be monitored throughout the process in order to avoid any possible contamination. For this reason, conveyor belts and relative components are considered central in the management of handling with regards to the hygiene of materials and areas.

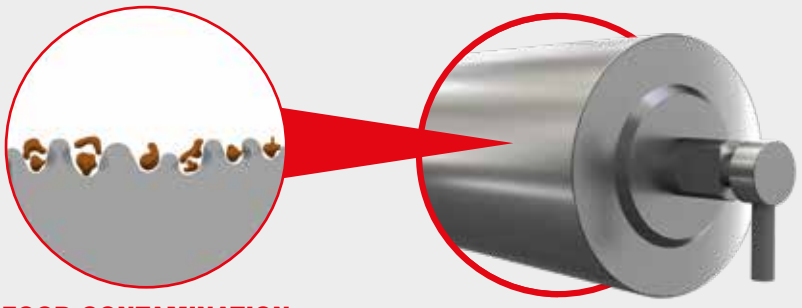
The prevention of biological, physical and chemical risks relating to equipment is a fundamental aspect in the designing and manufacturing of conveyor belts.

It is therefore equally fundamental to choose products that guarantee a low level of wear and at the same time are designed with materials that ensure high levels of cleanliness. In close cooperation with our customers Rulmeca offer solutions for the food/vegetable processing industry, driving excellence in performance, food safety and sustainability.

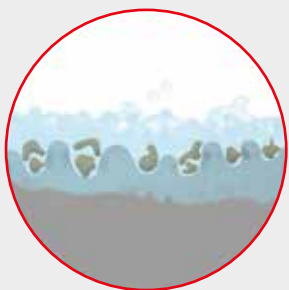
We're able to cover each process stage, from live animal handling to packaging. Our systems are efficient, thorough and hygienic. They are designed to fit easily into any food or vegetable processing lines.

Using high water pressure cleaners, the units thoroughly rinsing the product and thereby reducing the bacteria count significantly. Our products ensure improved hygiene, less bacteria and safer end products.

PERFECT HYGIENE AND GOOD CLEANING



FOOD CONTAMINATION



CLEANING & DISINFECTING



SURFACE PERFECTLY CLEANED

PREVENTING AND MITIGATING CONTAMINATION DURING FOOD PROCESSING AND PRODUCTION.

Rulmeca Drum Motors and rollers can be available with a steel surface with an Ra value (Surface roughness) of ≤ 0.8 µm. This guarantees a reduction in the accumulation of microorganisms, a lack of fissures and gaps, ease in cleaning and lastly savings in terms of time, water, chemical products and energy.

OUR WIDE FOOD INDUSTRY EXPERTISE

We have special focus on exceptionally smooth and fine surfaces, providing you an easy to clean and food safe component. Our R&D Engineers are trained in hygienic design concepts, and we are an active member of EHEDG. Where polymer materials are used, they are compliant with the EU Regulation 2020/1245 amending Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food as well as FDA. Many installations rely on plastic modular belts as well as monolithic (homogenous) positive driven belts. We have a wide range of driving options for these belts as well as for traditional flat friction driven textile belts. We can offer a premium food safe polyurethane solution which outperforms the traditional rubber lagging solution with respect to lifetime and hygiene.

GLOBAL PRESENCE, LOCAL SERVICE CENTRES, LOCAL TECHNICAL SUPPORT, LOCAL CONSULTING.

We are close to you, whenever you need us. The global network of Rulmeca service centres for the service and repair of Rulmeca drum motors are staffed by specialists. The centres have the capacity to make quick repairs and to build drum motors on short lead times.

CERTIFICATIONS



COLLABORATIONS



BECAUSE PARTNERSHIP MATTERS

rulmeca.com

