



LINEAR CENTER

DISTRIBUTION OF LINEAR GUIDEWAYS AND BALL SCREWS



MICAR
EXPERIENCE AND LEADING TECHNOLOGY



PPM

PRODUCTION
PROCESSING
& MOUNTING

PRODUCTION PROCESSING & MOUNTING

Micar developed a new business unit and presents PPM with our own operative centers fully dedicated to in-house production, processing and mounting of new product lines.

Based on the experience gained in over fifty years of continuous research of innovative solutions, **Micar faces a new challenge and invests in technology and know-how.**

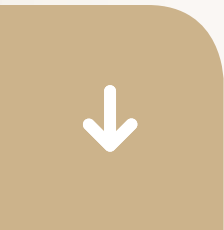
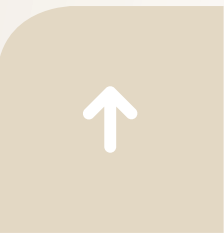
Through PPM business unit - **Production, Processing & Mounting** - Micar is able to offer new products and services, complementing our traditional commercial vocation with the **skills typical of production.**

PPM consists in advanced **operative units equipped** with the latest available technologies and perfectly

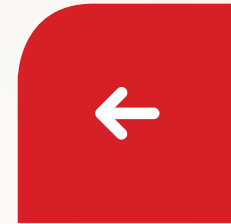
organized to reach the best efficiency.

The entire project is supported by our **excellent human resources.** We operate with the utmost attention to every detail: dynamic and highly skilled teams **are our most important investment.**

"Micar have laid a solid foundation for growth in increasingly close cooperation with our customers".



Micar Production, Processing & Mounting Linear System Distribution Center Guideways and ball screws



Our linear center is a specialized structure able to offer top products and services in the field of linear motion.

We manage a **complete range of high precision linear components** for any application.

Quality is our absolute priority: **our partner suppliers guarantee standard of excellence.**

Main products: **ball guideways, miniature ball guideways, roller guideways, linear units, rolled ball screws, ground ball screws, accessories for guideways and screws.**

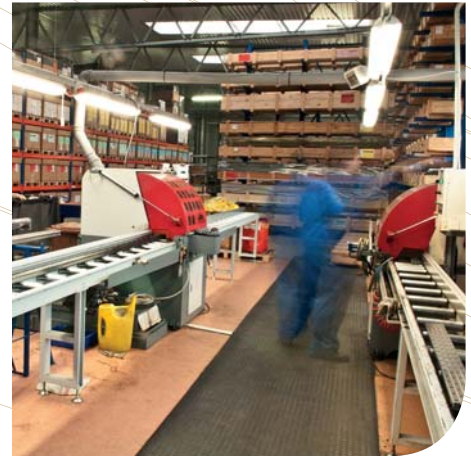
Micar made an important investment: **our very big stock** allows to supply just in time a very wide range of products and satisfy without delay customers' needs.

To improve efficiency and speed of our logistics our linear center is equipped by **2 advanced automatic warehouses.**



Advanced technology, maximum precision

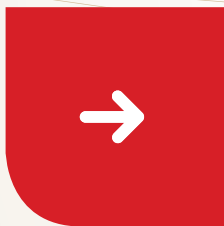
An highly specialized and dynamic team is ready to execute all the requested processing. Professional skills and most modern equipment guarantee the best result and precision.



Cut

We execute **cut to measure of guideways and screws**, using modern automatic cutting machines.

We guarantee to respect precisely customers' measures.





*Grinding
and polishing*



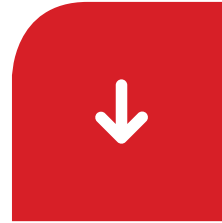
*Grinding, deburring
and polishing*

Cutting of guideways includes an **accurate finishing of the edges by grinding, deburring and polishing.**

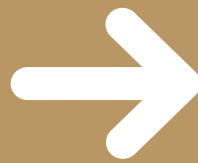


*Ground junction cut
J-Cut for guideways*

With our **special grinding machine** and our skilled specialists **we are able to make perfect J-Cuts.**



Ground junction cut



J-Cut for guideways



Each J-Cut at the end is tested with a **counter-guideway** to guarantee perfectly smooth sliding of trolleys over the junctions.



Accessories Mounting Customization



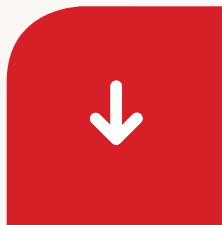
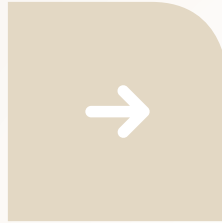
Accessories

On request we are able to **mount accessories** (for example scrapers and lubrication nipples) and to **supply pre-assembled rails and trolleys**



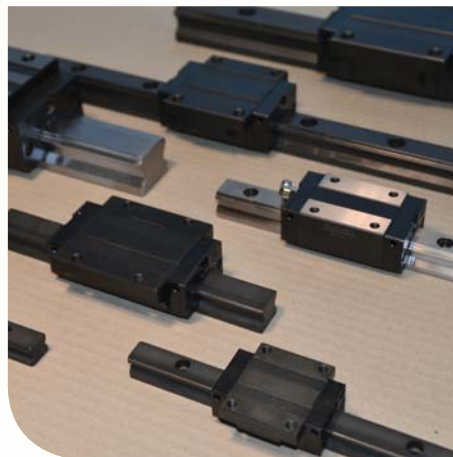
Surface treatment

On request we provide **surface treatment** (mainly **anti-corrosion, manganese phosphating**) keeping the smooth sliding of trolleys over the rails.



Screw straightening

We provide **straightening of rolled screws** and on request we **make terminals** as per customer's drawing.



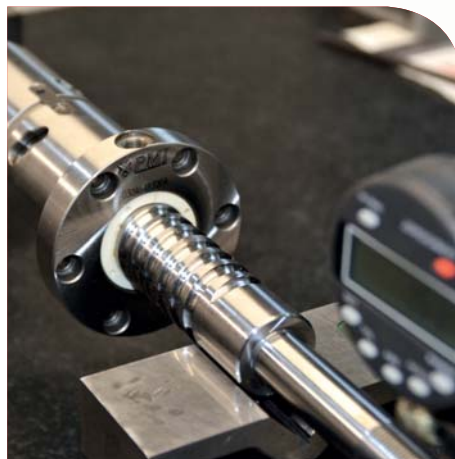
Nuts preload

We are able to **check and control** nuts preload.



Quality control

Our linear center is equipped with **high tech devices** for quality control.



High tech equipment



for quality control



Packing and shipment



Order preparation



Order preparation

Last but not least **we take maximum care to the preparation of each single order.**

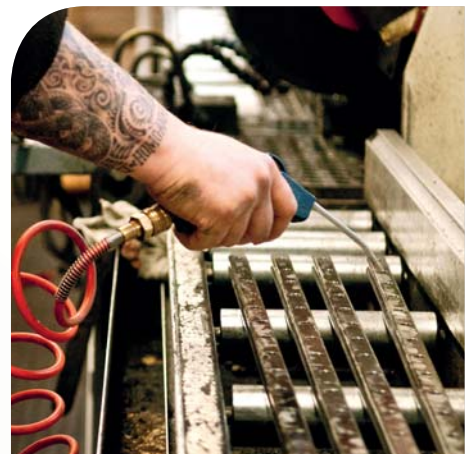
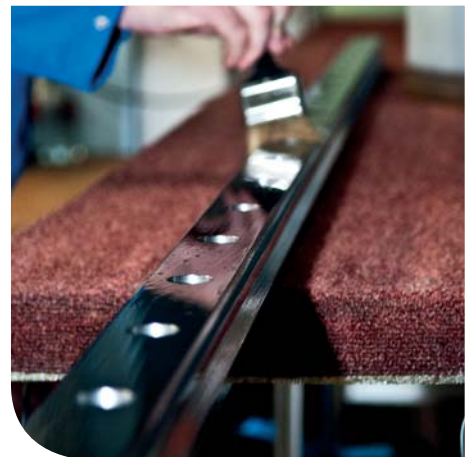
Cleaning and lubrication



before packing

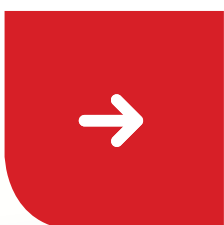
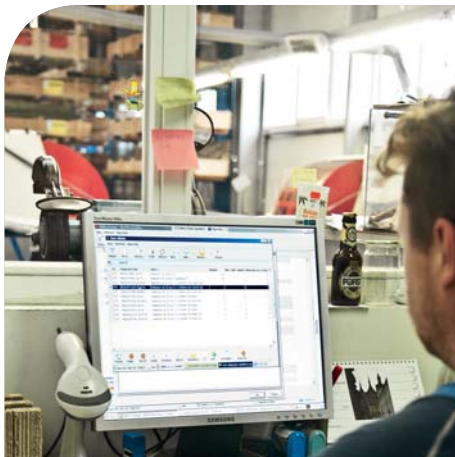
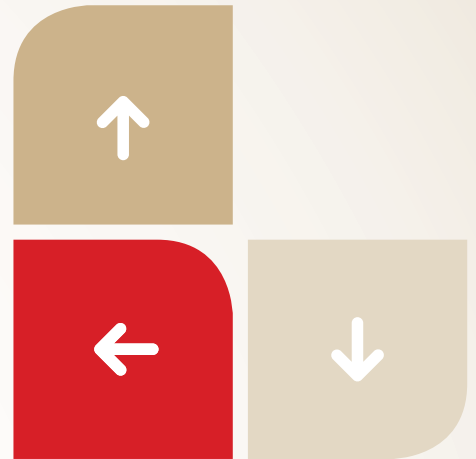
Cleaning and lubrication

Each product is carefully cleaned and lubricated before packing



Packing

Our packing department is able to prepare **state of art packages**: we also have an **in-house wood workshop** for the production of wood reinforces special packages and complete made to measure wooden cases.





www.micar.it

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