



Positioning Tables

Meccanica Besnatese

Meccanica Besnatese is producing linear tables for handling objects, loads as well as for developing automatism in general. Linear tables are modular tables supporting movements according to the directions of cartesian coordinates and with multi-axis orientation. Movement occurs on roller guides and ball screws.

The linear tables manufactured by Meccanica Besnatese reproduce the dimensions defined by international standards, or they are manufactured according to the customer's needs..

Our force is result

Maximum service for the customer, flexibility, close competence and a proper machine fleet. These factors have been contributing to creating Meccanica Besnatese's solid reality within the span of over forty years.

The company is currently occupying a surface of 5,000 square metres, employing 23 units and using a machine fleet composed by about twenty modern and efficient installations.

The company is specialised in manufacturing on third parties' account and producing linear tables for industrial handling.

In particular, Meccanica Besnatese acts on small lots and single pieces up to sampling and prototyping. It offers its own customers complete assistance, from engineering to the final release of specific pass-certificates.

In the company's service

Meccanica Besnatese is in the service of companies for manufacturing or assembling pieces according to the customer's specific requirements.

In particular, the company accomplishes the following activities:

Machining for chip removal, assemblies of mechanical units, dimensional check on components manufactured by the company and on pieces supplied by third parties as well as prototyping, i.e. machining of single pieces and small lots.

Flexibility, competence and the machine fleet at the company's disposal enable the company to fulfil special needs not only by working on small-size orders, but also by accomplishing special pieces according to the customer's requirements. Every single prototype arises out of the confrontation and cooperation with the customer, the engineers' intelligence and professionalism and special attention paid to manufacture.

Engineering and manufacturing linear tables

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Standard made to measure

Just as for manufacturing on third parties' account, Meccanica Besnatese offers prototyping also in this field.

The linear tables by single or multi-axis movement are manufactured according to the customer's needs starting from the draft of a specific project, the choice of the most suitable materials up to real machining as well as final inspection and the company's certification attached thereto.

The product is customised according to specific technical requirements as a result of the cooperation and confrontation between the company and the customer.

Meccanica Besnatese's personnel are ready not only to deliver the finished piece, but also to set the table at works and to make any suggestion for improvement. Being conceived for customisable work cycles, the fields of application of special tables are extremely various. Tables are up to 3,000 x 6,000 mm in workable dimensions. Their workable weight is up to 10,000 Kg. and 20,000 Kg for assembled units.

Upon request, multi-axis systems can be assembled on aluminium or steel modular structures.

Technical references

Tables on track guides with ball sliding blocks (**BB series**)

medium accuracy, travels from 100 to 500 mm, aluminium structure

Fields of application: Machines and equipment for assembly

Handling and robotics

Light machining

Industrial machine tools in general, in the food sector, processing of plastics, rubber, compound materials, resin, etc.

Tables on crossed-roller guides (**TV series**), steel or cast-iron structure compact, maximum rigidity and accuracy, travels from 25 to 200 mm

Fields of application: Tool machines and precision equipment for grinding, profiling wheels, milling, drilling and tapping.

Measurement and inspection systems

Devices for scientific research

Optical and medical instrumentation

Tables with bearing sliders (**TC series**)

light structure, low-cost, travels from 100 to 420 mm.

Fields of application: General-purpose





Certified according to
EN 9100:2018, AS9100D, JISQ 9100:2016
ISO 9001:2015



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