



Quality
Bearings &
Components



ROSA
SISTEMI

B615

Linear Motion Systems & Components

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Rosa Sistemi SpA, has seriously undertaken a production program of linear rolling systems and standardized linear tables reaching in a short period of time excellent quality. The idea of production of linear bearings was born from the profound knowledge of grinding problematics of flat surfaces and manufacturing complexities for dove-tail table assemblies.

The utilization of standard linear systems has simplified these applications by reducing the manufacturing costs and increasing the maintainability.

From a performance point of view, the gap is similar to one found between rolling bearings and sliding bearings. The first offers an extremely smooth movement with virtually no variation of frictional behavior and the possibility of precise, continuous positioning. These characteristics yield a minimum amount of wear, thus a reduction of clearance adjustments.

Also, the lack of specialized labor, forces the manufacturers to utilize ready- to-install units. It is obvious that linear rolling systems may not be answer to all the linear motion problems, but they may be the answer for a large portion of them.

Rosa offers to its demanding customers products with high technical content and competitive prices. This is confirmed by its large customer base, and among them, internationally renowned companies.

Rosa's reputation and seriousness guarantees extremely efficient response in engineering support and delivery. Technologically advanced manufacturing methods are employed to produce the linear systems in order to guarantee the constant precision, endurance and quality.

Application by sector

• Machine tools in general, particularly:

- Centerless Grinders
- Bore Grinders
- External Grinders
- Bearing Grinders
- Boring Machines
- Milling Machines
- Tool Sharpening Machines

• General machinery:

- Material Forming Machines
- Electrical Discharge Machines
- Welding Machines
- Assembly Machines
- Manipulators
- Robots
- Optical, Precision & Electronics Industry
- Instruments
- Industrial Movie & Photography Machines
- Measuring Systems

• Machines for:

- Shoe Industry
- Optical Industry
- Chamfering of lens
- Rubber & Tire Industry
- Marble & Glass Industry
- Wood Working Industry
- Textile Industry
- Gold Industry
- Precious Stone Industry
- Clock Working Industry
- Ultrasound Equipment

• Medical industry:

- Cat Scanners
- Orthopantomographs
- Blood Processing Equipment
- Optometry Equipment

Specialty applications are realized at research centers, chemical laboratories, etc. Our products are used in both private and industrial sector where precise and sensitive movements are required.

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