



MULLER

TECHNOLOGY SOLUTIONS

The Group

With over fifty years of experience, an organization comprising **9** companies, **21** retail venues, and **270** collaborators, Minetti is today one of Italy's leading technical-commercial groups in the sector of "Industrial Supplies".

Today over **16,000** regular clients rely on the Minetti organization to meet their supply needs of rolling bearings, technical equipment, and a wide range of components for industrial systems and machinery.

Minetti operates on the needs of a clientele formed by companies of all sizes: small shops, small and medium enterprises, large companies ranging from all manufacture sectors, from metal working and engineering, to chemical, from iron and steel to electronics, from textile to agriculture and transports.

Our product lines demonstrate the broad range of merchandise, making Gruppo Minetti an unparalleled resource for every major need of modern industry:

- Bearings and accessories
- Linear motion
- Mechanical transmission
- Power transmission
- Industrial automation
- Pneumatic
- Lubrication
- Sealing technology
- Maintenance products
- Tools
- Air compressor



GROUPO

Territorial area

The Minetti Group, thanks to its organization and capillary operative network of branches, partner companies and sale operators, is able to guarantee an efficient and timely delivery across a vast territorial area, at the heart of Italy's economy and industrial production.

Brands represented

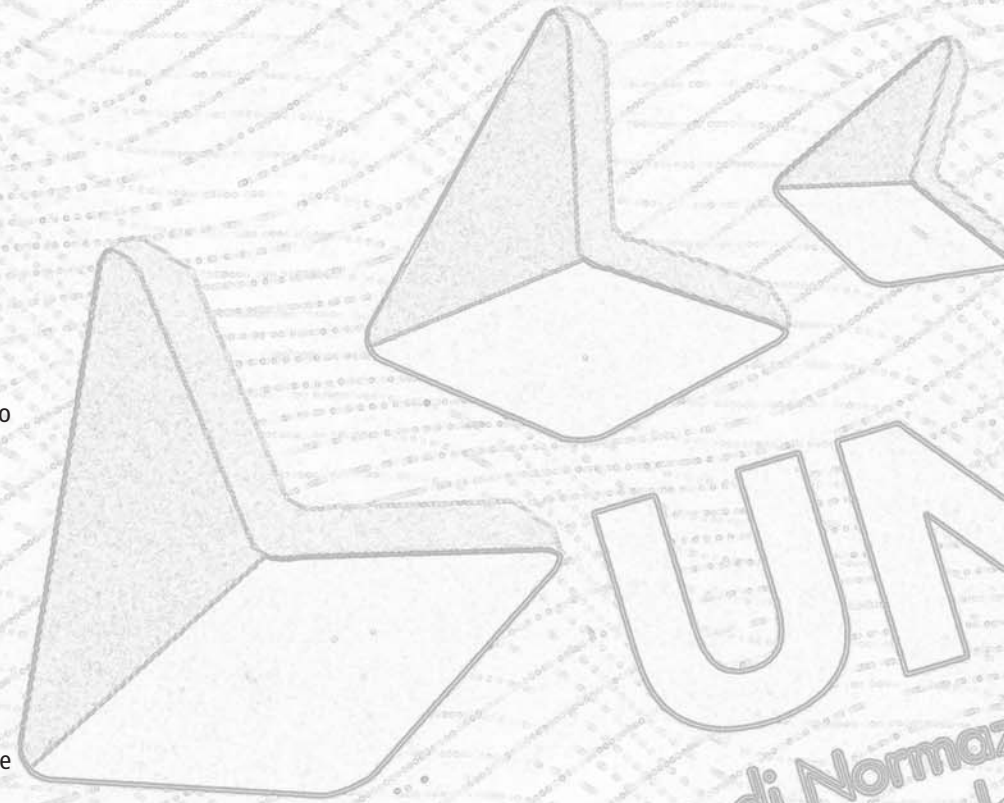
Minetti offers its national and foreign clients the most prestigious brands in the field of industrial technical articles.

The companies represented by Minetti share the commitment to a careful choice of products, through selection, and continual renovation, to be able to offer the finest services and products available in the market and through technical evolution. A commitment confirmed by the trust that Minetti has earned from its partners in over 50 years of solid, dynamic and passionate activity.

Our service prides in:

- quality selection of products
- expanse of product range
- high availability of warehoused items
- highly skilled personnel
- prompt supply
- free delivery
- competitive conditions
- customization of commercial terms

The services by Minetti are
UNI EN ISO 9001:2000 certified.



UNITER

Organismo di Normazione e Certificazione di Sistemi
di Gestione Aziendali Commercio, Turismo e Servizi

CERTIFICATO n. CERTIFICATE n. 09

Minetti S.p.A.

Via Canovine 14 24126 Bergamo

Si certifica che il sistema di gestione per la qualità è conforme
We hereby certify that the quality management system is in compliance with
UNI EN ISO 9001:2000

concernenti attività Concerning the following
in ammissione, prodotti lineari e
i requisiti della Norma



Structure of the Group

Minetti Spa is the lead company, with stock in all the controlled and connected companies. Minetti is an operative holding, with headquarters in Bergamo, and in addition to performing most of the material purchases and supplying its branches and partner companies, it also carries out all the accounting and fiscal functions for the entire group, handling the treasury, managing general organization, including administrative practices, personnel training, data processing and IT procedures development. As an operative company, Minetti Spa is also open to the market of sub-distribution, thanks to its high availability of materials and vast assortment of products, which allow it to promptly meet any requests, from current-stock to rare, uncommon items.

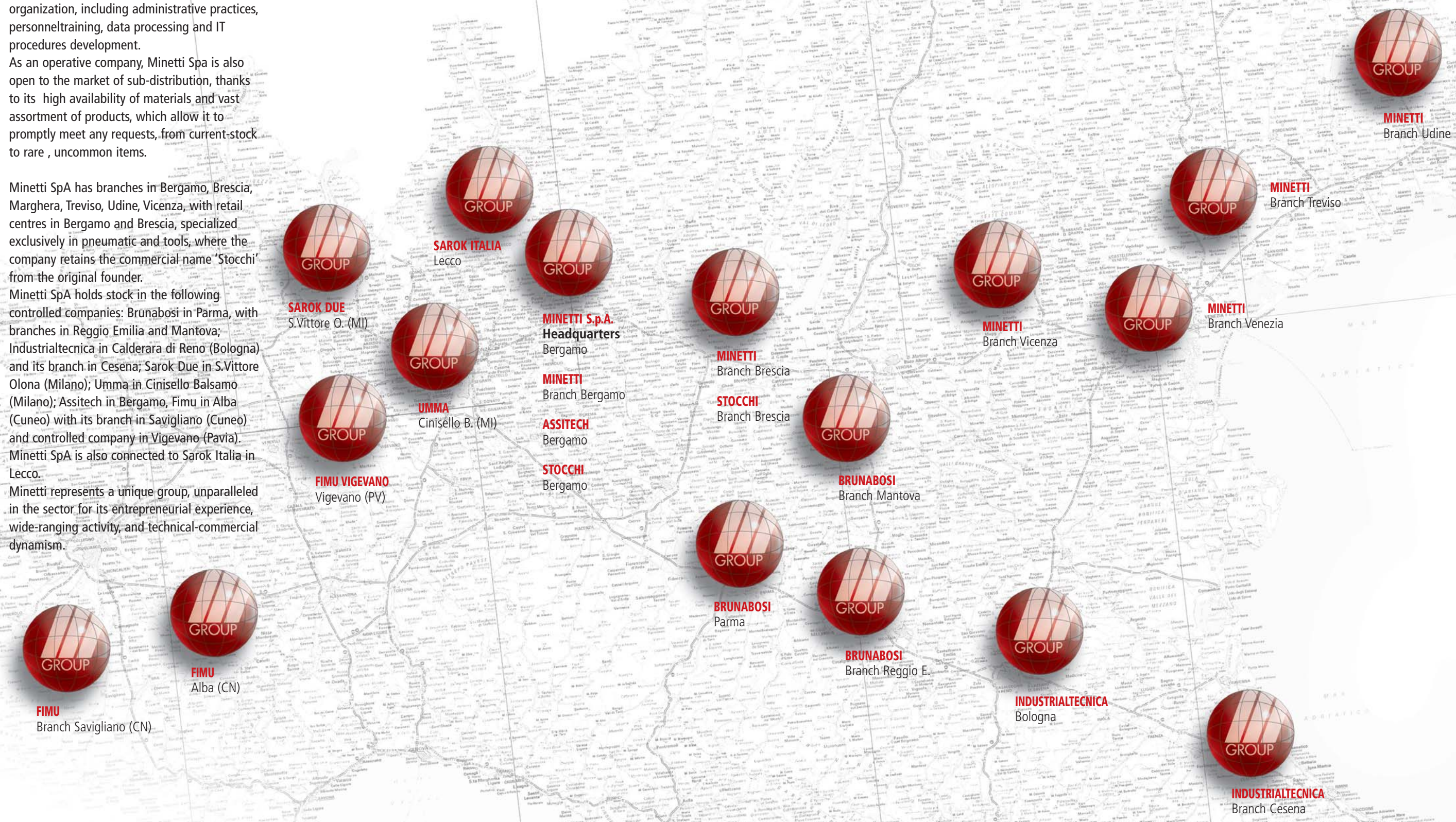
Minetti SpA has branches in Bergamo, Brescia, Marghera, Treviso, Udine, Vicenza, with retail centres in Bergamo and Brescia, specialized exclusively in pneumatic and tools, where the company retains the commercial name 'Stocchi' from the original founder.

Minetti SpA holds stock in the following controlled companies: Brunabosi in Parma, with branches in Reggio Emilia and Mantova; Industrialtecnica in Calderara di Reno (Bologna) and its branch in Cesena; Sarok Due in S.Vittore Olona (Milano); Umma in Cinisello Balsamo (Milano); Assitech in Bergamo, Fimu in Alba (Cuneo) with its branch in Savigliano (Cuneo) and controlled company in Vigevano (Pavia). Minetti SpA is also connected to Sarok Italia in Lecco.

Minetti represents a unique group, unparalleled in the sector for its entrepreneurial experience, wide-ranging activity, and technical-commercial dynamism.

IT Network

All Minetti branches and controlled companies work with common IT resources through an advanced centralized EDP system, being thus able to fully take advantage of the operative synergy, commercial experience, general organization, and accounting expertise made available by Minetti SpA.



ROLLER BEARINGS

- spherical, cylindrical roller, tapered rollers, rollers, crossed roller bearings
- precision bearings
- micro bearings
- idle rollers

FREE WHEELS

SLEWING RINGS

Ball and roller bearing, toothed or plain

COMBINED BEARINGS FOR FORKLIFTS

- fixed, adjustable, adjustable with eccentric pin

SELF-LUBRICATING SLIDE BEARINGS

SINTERED BUSHINGS

- iron, bronze, bronze-graphite

PILLOW-BLOCK BEARINGS

- cast-iron, nodular cast-iron, steel

ADAPTER AND WITHDRAWAL SLEEVES

ADJUSTING RING-NUTS

including precision

SAFETY WASHERS

SELF-ALIGNING ADJUSTABLE BEARING SUPPORTS

- cast-iron, moulded sheet, composite material

BALL JOINTS

- steel on steel coupling, steel on PTFE fabric, maintenance-free

BEARING ASSEMBLY AND DISASSEMBLY EQUIPMENT

- induction heaters
- heating plates
- hydraulic pumps and ring-nuts
- cold assembly and disassembly equipment

BEARING CONTROL EQUIPMENT

- temperature, speed, noise, and vibration measurement equipment



SLIDE AND BALL CIRCULATION SLEEVES

for axial sliding

AXIAL GUIDE BUILDING UNIT

- sleeve supports
- chromed steel and stainless steel induction and rectified precision shafts, tempered
- precision shaft end-fittings and housings

PROFILED LINEAR GUIDES

with ball and roller recirculation linear guides

LINEAR GUIDE SYSTEMS

roller and ball cage, including telescopic

PRECISION SCREWS

- ball recirculation with rectified or rolled screw
- roller recirculation and satellite rollers

ROTATING AND LINEAR ACTUATORS



INDUSTRIAL TRANSMISSION BELTS

- conventional trapezoidal, cut edge, narrow-section, dismountable
- for continuous speed transformers
- Poly-V longitudinal ribbings
- toothed, parabolic profiled
- toothed, with metric and inch pitch, in neoprene and polyurethane

POLYESTER AND POLIURETHANE CONVEYOR BELTS

- trapezoidal
- round
- dismountable

PULLEYS FOR INDUSTRIAL TRANSMISSIONS

- cast iron trapezoidal grooved, toothed, conventional, and taper-lock bushing
- light alloy trapezoidal grooved
- expansion with variable diameter

INDUSTRIAL CHAINS

- transmission, conveyor, tractor
- thermoplastic resin, steel, or stainless steel hinged belt

CHAIN AND BELT GUIDE PROFILES

plastic material, also custom-designed

INDUSTRIAL TRANSMISSIONS PINIONS AND RING GEARS

- conventional and taper-lock bushing
- chain pinion

CYLINDRICAL GEARINGS – RACKS - TAPER COUPLINGS

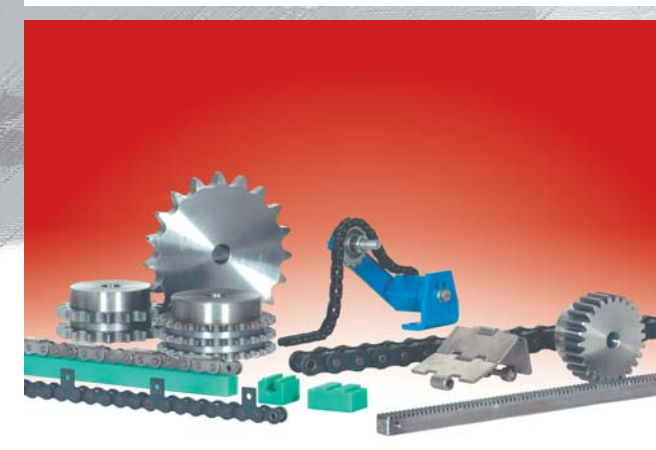
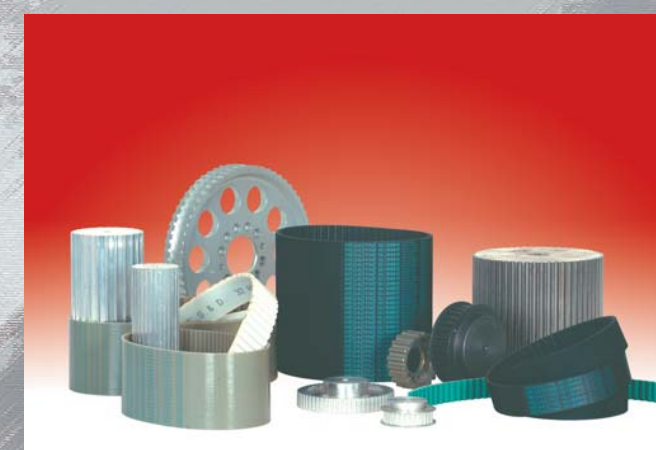
MECHANICAL EXPANSION JOINTS

locking sets for shaft/hub tension coupling

TENSION ELEMENTS

for transmission belts and chains

PULLEY ALIGNERS



SPEED REDUCERS AND GEARMOTORS

- worm screws, coaxial gear, parallel axis, orthogonal axis
- shaft-mounted
- angular drives

SPEED CONVERTERS AND VARIABLE SPEED DRIVES

MECHANICAL SCREW JACKS

ELECTRICAL DRIVES/MOTORS/GEARS

- three-phase asynchrone with squirrel cage rotor
- auto-locking
- explosion-proof
- mono-phase

FREQUENCY CONVERTERS AND STATIC STARTERS

DIRECT CURRENT MOTORS

HIGH SLIP SCORRIMENTO

variable speed with control and actuators coupling

ELECTROMAGNETIC BREAKS AND CLUTCHES

- breaks
- frictions
- safety breaks
- clutch/break groups

COUPLING ELASTIC JOINTS

cast-iron dowels and pivots

TOOTHED SWIVEL JOINTS

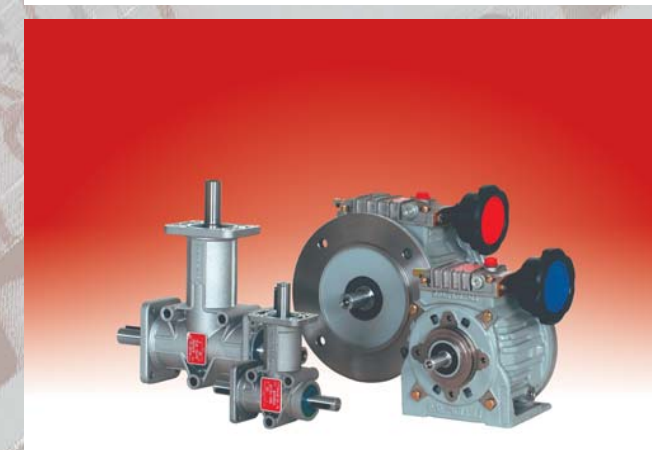
with steel hubs and polyamide sleeve

COUPLE LIMITATORI JOINTS

CARDAN JOINTS AND TRANSMISSIONS

TORSIONALLY RIGID JOINTS

SHAFT ALIGNERS



PRECISION PLANETARY REDUCERS

MICRO GEARMOTORS

ACTUATORS AND SERVOMOTORI E RELATIVI AZIONAMENTI

- Brushless
- asynchrone actuators
- step-by-step
- direct current

LINEAR ENGINES

TORQUE ENGINES

CONTROL EQUIPMENT

- PLC
- axis control
- positioners
- visualizers

PHOTOELECTRICAL AND PROXIMITY SENSORS

POSITION AND SPEED TRANSDUCTORS

- incremental
- absolute
- optical

SAFETY BARRIERS

- optical
- contact



PNEUMATIC

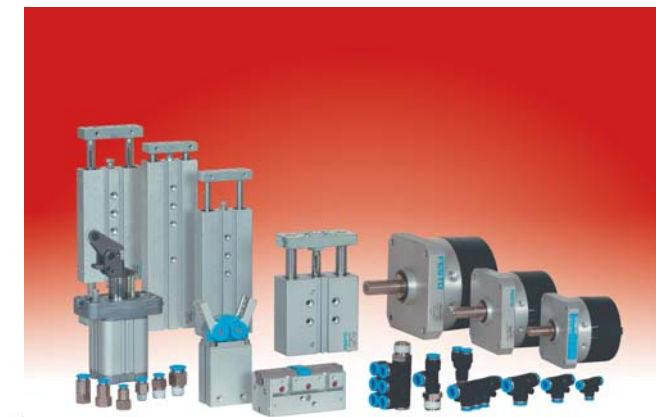
- normalized and rodless linear cylinders
- rotating actuators
- pneumatic and electric valves
- valve units
- vacuum technology
- limit switch and sensors
- air treatment units
- fittings and accessories
- special execution components

INTELLIGENT PNEUMATICS

- pressure and load proportional valves
- integrated electronic valve units
- pneumatic positioning systems
- programmable electronic controls

SOLUTIONS AND SYSTEMS

- control and visualization equipment
- customized command panel and projects
- elettropneumatic pre-assembly



CENTRALIZED LUBRICATION

- manual and automatic pumps for oil and grease
- volumetric oil measurers
- progressive dosage systems for oil and grease
- double line dosage valves
- oil circulation systems
- minimal lubrorefrigeration
- high pressure fittings and accessories
- high pressure piping
- electrical equipment of command and control
- design and pre-assembly of customized solutions

GREASES AND LUBRIFICANTS

- oil, grease, paste, sprays for industrial applications
- automatic lubricators

FLUID CONTROL DEVICES

- simple and actuated process valves
- fluid electro-valves
- thermostatic valves
- pressure sensors and switches
- thermostats
- temperature probes
- rotating joints



SEALING RINGS

oil leak-proof for rotating shafts, made in nitrilic rubber and viton

"O - RING" GASKETS

for static or dynamic sealing in pneumatic and hydraulic applications, made of nitrilic rubber, viton, silicon, metal

ANTIEXTRUSION AND SUPPORT RINGS

in lubriflon per anelli "O-Ring"

GUIDE BANDS

ROD WIPER RINGS

for hydraulic and pneumatic applications

GASKETS FOR RODS AND PISTONS

for hydraulic and pneumatic applications

MECHANICAL SEALING - PACKINGS

"NILOS" SEALING METALLIC RINGS

for grease-lubricated bearings



ADHESIVES AND SEALERS

- structural, anaerobic, cyanacrylic, acrylic, eposodic, mono and by-component adhesives
- adhesives dosage units
- mono and bi-component silicon sealers

TECHNOPLASTIC SEMIFINISHED PRODUCTS

- in bars and plates, also custom-designed
- rubber, polyamide, ertalon, silicon, viton, vulkollan, lubriflon

ANTI-VIBRATION RUBBER ELEMENTS

for insulation and suspension of equipment and machinery generating vibrations

GAS SPRINGS

HYDRAULIC DECELERATORS

POSITIONING, REGULATION AND MANEUVER ELEMENTS

- handwheels, revolving handles, levers and adjustable clamping levers, fixed and rotary grips
- gravitational indicators
- spring-driven pistons and clamps, pushers

OLEODYNAMIC SYSTEM ACCESSORIES

- seal and vent plugs
- level indicators

TRANSPALLET WHEELS AND ROLLERS

rubber, polyamide, polyurethane, vulkollan, mechanic cast-iron



CUTTING UTENSILS

- tips, reamers, counterborders, cutters
- brazed tools
- male and threaded (maschi e filiere)
- mechanical fastening milling e threading

MACHINES EQUIPMENT UTENSILS AND ACCESSORIES

- fixed and modular mandrels
- lathe mandrels, tailstocks, drivers, tools-storage towers, spare parts storage units
- tables, divisors, fixed and modular clamps
- clamping units, brackets, magnetic planes
- measuring equipment on-machine

MEASURE AND CONTROL INSTRUMENTS

- calibres, micrometers, comparators, tracers, alesameters
- gage blocks, tampon and ring calibres
- high-tech equipment

ABRASIVES

- disk grinders, stem grinders, diamond
- rotating mills, mechanics files
- abrasive, lamellar, and cutting disks
- canvas, sheets, abrasive belts and brushes

MANUAL, ELECTRONIC, PNEUMATIC UTENSILS



STATIONARY COMPRESSORS

- rotary pistons, mon and two-stage pistons
- oil - free
- variable speed operation

ABSORPTION AND REFRIGERATION DRIERS

CONDENSE DISCHARGERS/FILTERS, OIL/WATER SEPARATORS

POST-SALE HIRE AND ASSISTANCE

PLANT DESIGN AND ASSEMBLY



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*Progetto grafico e impaginazione
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