Components for packaging machines and equipment
TWO COMPANIES  
ONE WORLD OF STANDARD PARTS

ELESA+GANTER is a worldwide sales joint-venture set-up to offer the widest product range of standard machine elements for the mechanical industry. Highly reliable products ensuring perfect functionality with a unique design represents the ELESA+GANTER distinctive quality code.

DESIGNED FOR ENGINEERING
Designing and manufacturing technical solutions for the mechanical industry represent the achievement and the commitment of Elesa and Ganter. A guarantee for leading-edge benefits for the customers.

POINTS OF STRENGTH
- Technological background from the two established parent companies
- Innovation in combination with decades of experience
- Unique design
- Optimised and widest product range of standard machine elements, driven by the market
- Worldwide distribution network
- Full stock availability with fast delivery times
- Customised solutions
- Perfect service including technical assistance
In the food industry, medical technology and the pharmaceutical industry, product safety and consumer protection are becoming increasingly important. Due to their specific properties, standard parts in Hygienic Design can assist the production process in these sensitive areas and facilitate the manufacture of products with a long shelf life, which are free from preservatives.

**ELESA+GANTER**, leader in the design and manufacture of components in engineering plastics and metal, presents in this leaflet components for all manoeuvring, clamping and control operations for automatic machines and automated lines for the packaging also in pharmaceutical and food industry.

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**EXTRACT FROM OUR WIDE PRODUCT RANGE OF STANDARD MACHINE ELEMENTS:**

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<th>Rotary controls</th>
<th>Castors and wheels</th>
<th>Control elements</th>
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<th>Levelling elements</th>
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**NEW PRODUCT LINES FOR PACKAGING MACHINES AND EQUIPMENT**

**HYGIENIC DESIGN**

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**VISUALLY AND METAL DETECTABLE LINES**

Technopolymer suitable for contact with food (FDA CFR 21 and EU 10/2011) with AISI 304 stainless steel inserts. The specificity and uniqueness of the blue colour, naturally absent in the environment in which these components are applied, contribute to increase the levels of safety in food production processes.

**VD**: Visually Detectable technopolymer RAL 5005 “Signal Blue” for visual detection.

**MD**: Metal Detectable technopolymer (with additives for detection) in RAL 5001 “Green-Blue”.

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**ROTARY CONTROLS**

Mechanical and electronic

ELESA+GANTER rotary controls are used to set and regulate a wide variety of machine functions. High level of reliability and accuracy of the reading is made possible by great care during production and assembly of all components. The technopolymer case thanks to the ultrasonic welding (case/window) guarantees the complete sealing with protection class up to IP67 according to IEC 529.

**Digital or LCD digital reading**

Position indicators with direct drive movement can be directly assembled on control spindles in any position. Bushing in black-oxide steel or stainless steel with Ø 10 mm (DD50), Ø 14 mm (DD51) and Ø 20 mm (DD52R). Available also the new electronic position indicators with radio frequency transmissions (RF).

**Analogue or digital-analogue reading**

Position indicators with gravity or positive drive movement, available in metal or technopolymer. They can be assembled to handwheels for coupling to the drive shaft.

**CASTORS AND WHEELS**

Manual or mechanical handling

A range of castors and wheels mainly in rubber, technopolymer, polyurethane or Duroplast materials with metal or stainless steel brackets are available for the movement of machinery or trolleys for multiple surfaces and resistance to different loads.
CONTROL ELEMENTS
On the spot adjustments

ELESA+GANTER presents an extensive range of knurled control knobs, indexing mechanisms and levers, adjustable slide units and bull’s eye levels to make adjustments or precise alignment of machine parts and precision instruments. The range includes components in technopolymer, steel, stainless steel, aluminium with black epoxy-resin coating, to best fit the most demanded applications in the packaging sector.

LEVELLING ELEMENTS
For many different applications

Levelling feet for the fixed positioning of machinery and equipment available in a wide variety of material combinations and designs, to fit the most demanded applications for light and heavy duty purposes. Available also for ground mounting.
HINGES
For mounting doors and covers

A wide range of hinges in technopolymer, SUPER-Technopolymer, aluminum, zinc die casting, steel and stainless steel with different types of shapes, dimensions, assembly and rotation angle.

Hinges with safety switch
Among the many series of the range you can also find versions with built-in safety switch in SUPER-Technopolymer, zinc die casting and stainless steel.

INDEXING ELEMENTS
For repetitive positioning operations

A wide range of indexing plungers, lock pins, cam action indexing plungers and spring plungers are part of the indexing elements, also known as positioning elements. Components designed to facilitate repetitive positioning operations on machines and equipment or parts undergoing machining.
STANDARD MACHINE ELEMENTS

For manoeuvring, clamping and control operations

ELESA+GANTER presents an extensive range of handwheels, clamping knobs, adjustable levers, bridge or tubular handles as well as guard safety and flush pull handles, available in technopolymer, stainless steel, steel, aluminum or zinc die casting with the greatest care to surface finishing.

VDS.
Solid handwheels with safety fold-away handles
Technopolymer
Diameters: 80 to 300 mm

Application of VDS+HRS handwheels with safety fold-away handles

GN 300.5
Adjustable Stainless Steel Hand levers
with bushing / with threaded stud

Application of GN 300.5 adjustable stainless steel-hand levers

GN 5335
Stainless Steel Star knobs
Matte shot-blasted or highly polished
Diameters from 40 to 60 mm

Application of GN 5335 stainless steel-star knobs

ERX.
Adjustable handles
Technopolymer lever, grey-black colour
Push button in Elecolors® colours
The ergonomic shape ensures an effective and safe grip
Dimensions: 30 to 108 mm

Application of ERX, adjustable handles

GN 425.3
Cabinet U-Handles
Steel or stainless steel, without thread, for welding. Steel or AISI 304 matte, shot-blasted.
Length from 64 to 250 mm

Application of GN 425.3 Cabinet U-Handles

ETH-AN
Tubular handles
Anodised aluminium tube; technopolymer handle shanks; side caps in Elecolors® colours. Assembly centre distance: 300 to 1000 mm

Application of ETH-AN tubular handles