

PAPERPACK®

Carton Packaging Industry



- HISTORY
- SALES
- FACILITIES
- PREPRESS
- PRODUCTION
- QUALITY / CERTIFICATIONS
- PEOPLE & ORGANIZATION





1891 - 1922

- Giannis P. Tsoukaridis created a small printing house " in Smyrna that later was transferred to Athens



1947

- The Company was destroyed (civil war) and Peter Tsoukaridis started it from scratch



1973-1999

- Continuous growth behind new investments and acquisitions



2000

- Listing in the Athens Stock Exchange

For more than a century we offer our services in the carton packaging industry



2006

- Factory consolidation in 15,000sqm buildings in Kifissia Athens



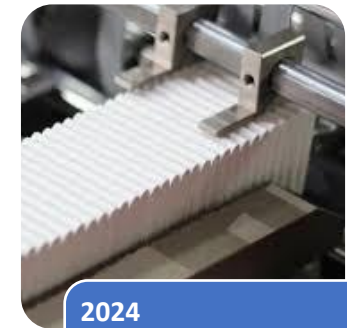
2014

- Entrance in the pharma Outserts business



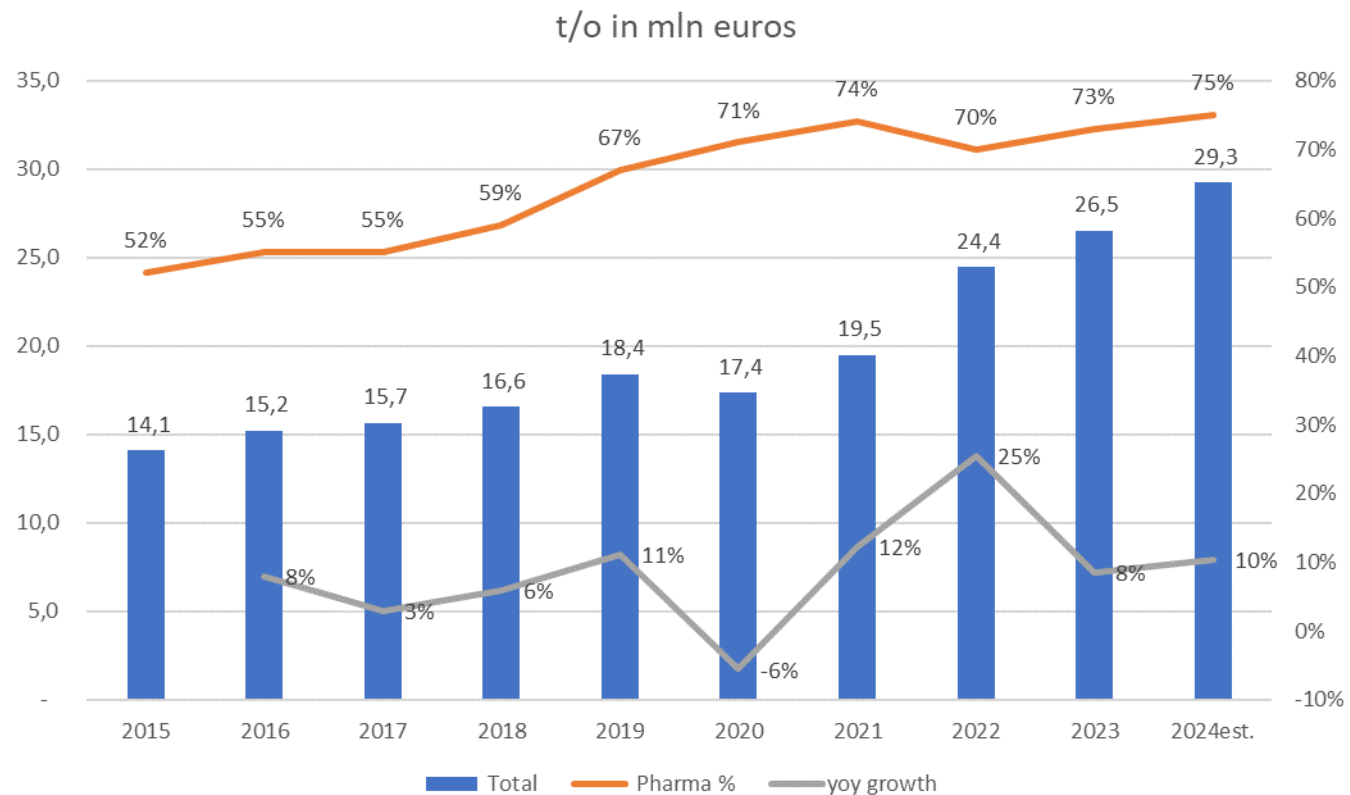
2022

- Acquisition of Paperpack S.A. from CEE Equity Fund



2024

- New production facility in 2,400sqm (pharma leaflets)



The pursuit of service excellence with a customer-centric mentality, drives our everyday efforts to surpass procurement expectations of our pharma partners



Pharma focus



Customer-centric mentality



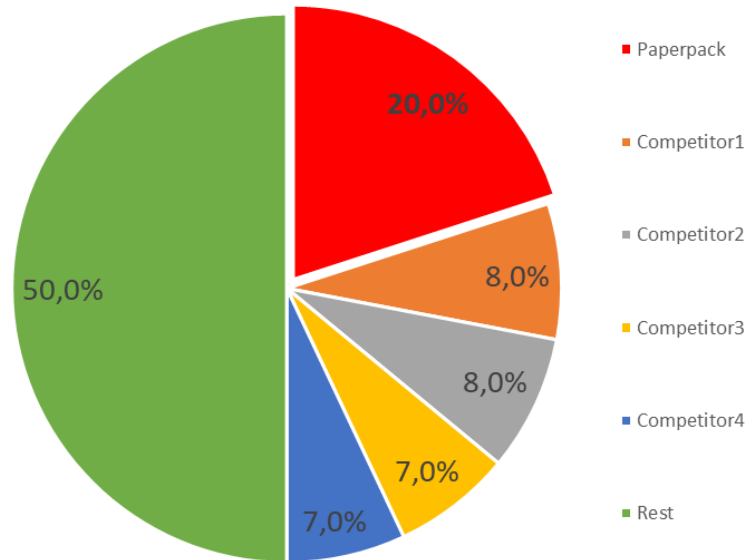
PURSUE OF SERVICE EXCELLENCE

UNFOLDING CUSTOMER'S DELIGHT

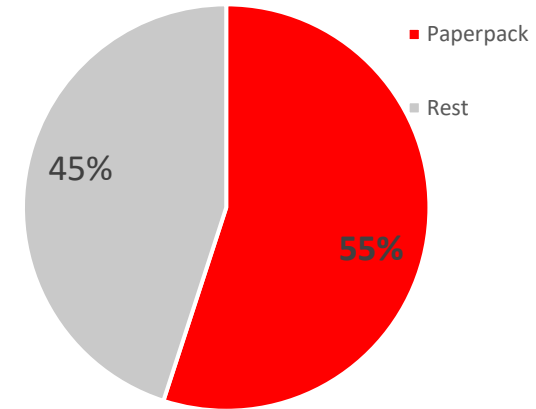
LEADERSHIP MENTALITY

80% DIRECT & INDIRECT EXPORTS

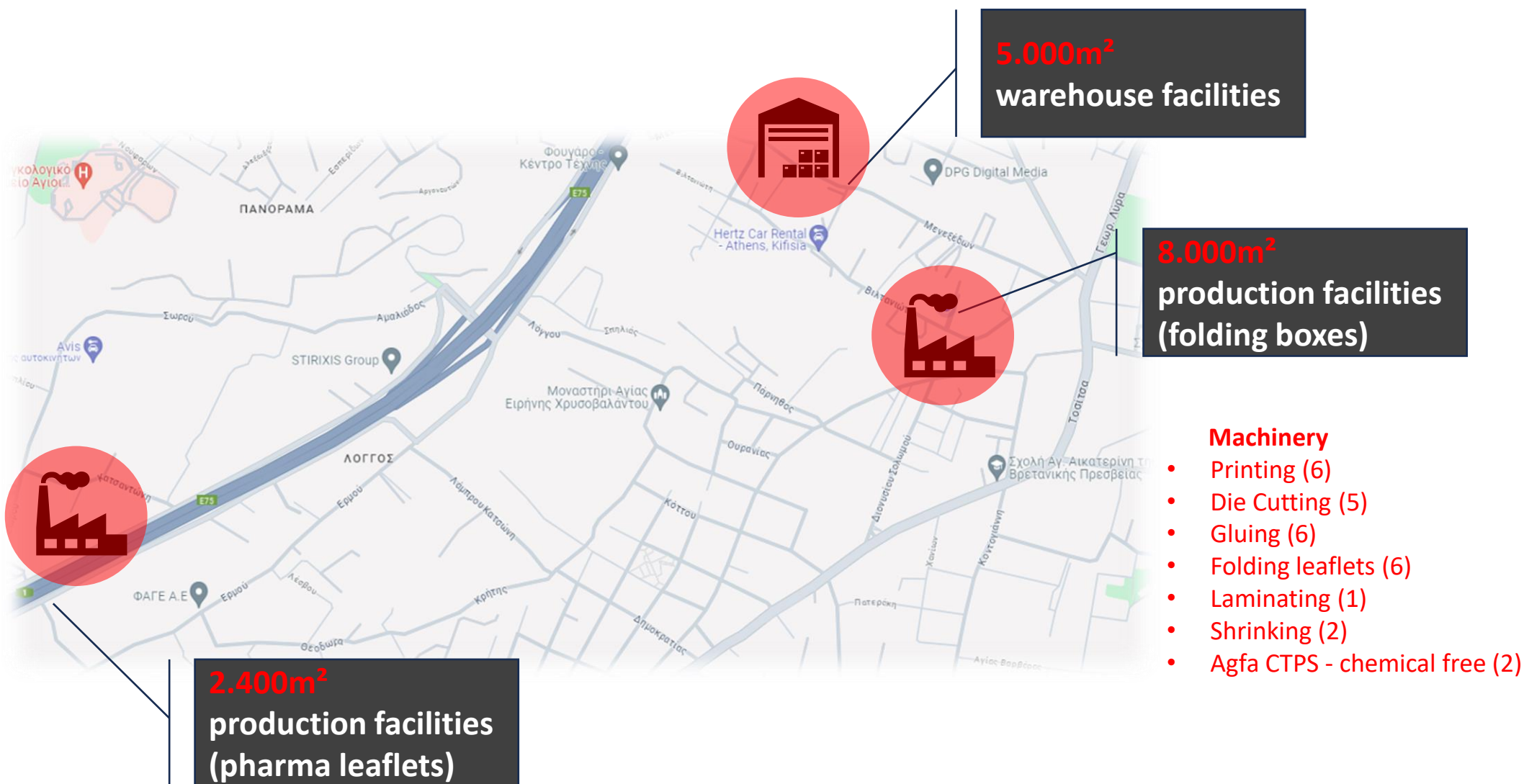
Market shares



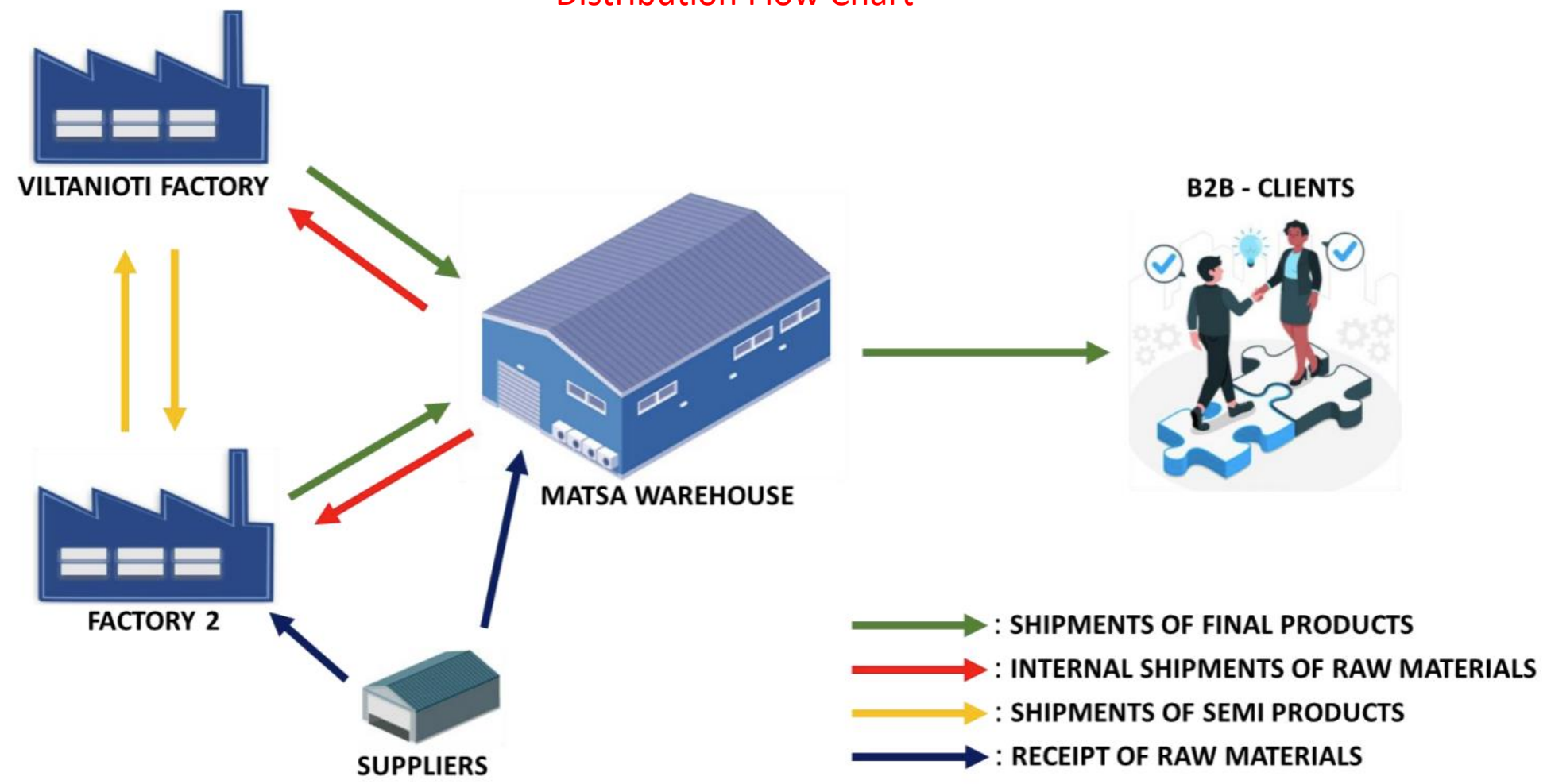
Secondary Packaging, Greek Market



Secondary Packaging, Pharma only



Distribution Flow Chart



**2022-2024 investments → €6 m
(4.5m within 2024)**

- 1. Folding boxes Printing machine**
- 2. Pharma Leaflets Printing machine**
- 3. 2 x Folding boxes Die Cutting machine**
- 4. Pharma leaflets folding machine**
- 5. Folding boxes Gluing machine**
- 6. Folding boxes Packing Automation**
- 7. Microsoft Business Central ERP**

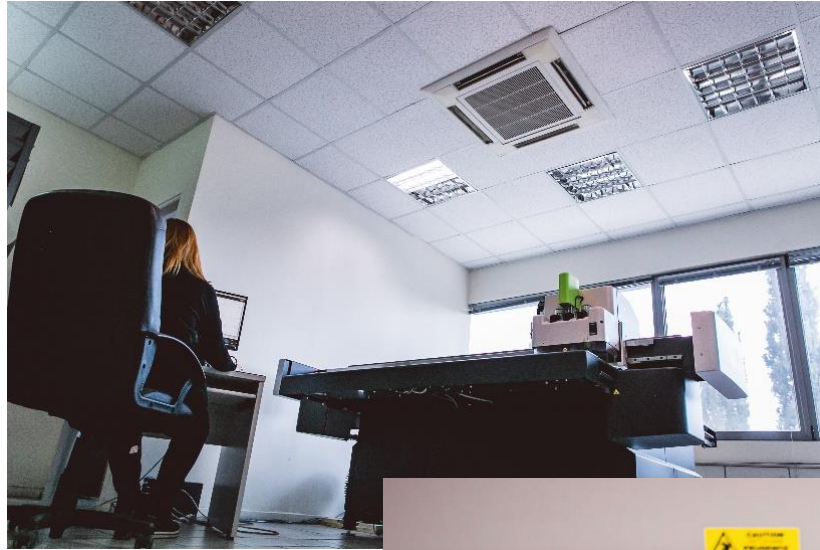
Benefits

- 1. Increase Capacity**
- 2. Efficient Operation**
- 3. Waste Reduction**
- 4. Improved Quality**
- 5. Lower Energy Consumption**



NOVACUT 106 ER 3.0 AUTOPLATEN® PRESS
Automatic die cutter for paper and carton converting





Prepress & Industrial Design: one of the most important production stages, connecting the visual approach of packaging to the final product & determining the technical specifications

- **Packaging Design** – Esko Artios Cad, structural design for packaging & displays, product development, 3D virtual prototyping and manufacturing operations.
- **Cutting Table** – Esko Kongsberg X 20 & Zund L-2500 cutting applications for digital finishing
- **Artwork Preflight** - Adobe Illustrator/Photoshop with Esko data exchange for preflight the incoming file
- **Packaging preproduction editor** - Esko Art pro, tools for prepress packaging, for preflight, separation, CAD/graphics alignments, trapping, distortion, screening, barcodes, ...
- **3D Presentation** – Esko Studio Designer Plug-in, for artwork 3D simulation
- **Digital Proof** - GMG Proof, GMG open color on Epson SC P-5000, with in line spectro proofer, for printing digital proofs with color certification
- **Imposition** - Esko Artpro Power Stepper for artwork imposition
- **Workflow rip** - Agfa Apogee workflow rip for screening, rasterise the layout, preflight and export to plate
- **Ctp** - Agfa Avalon N8-20 & N8-24, for plates production

Printing dpt.



Die Cutting dpt.



- With the advantage of using state-of-the-art machines
- Continuous connection to Paperpack's MIS system
- Highly trained crews
- Expanded inter-company training programs
- Investments' mentality

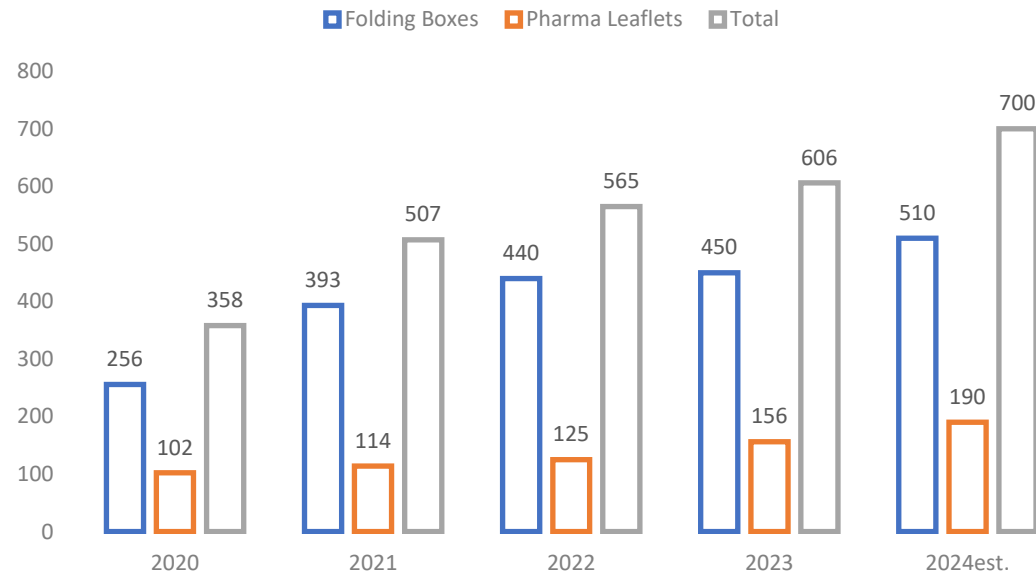


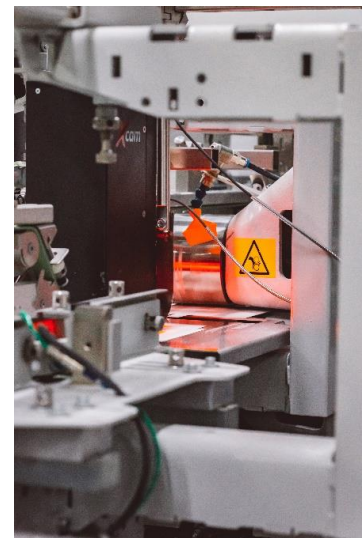
Folding & Gluing dpt.



Folding Leaflets dpt.

YoY production output (mln pcs)





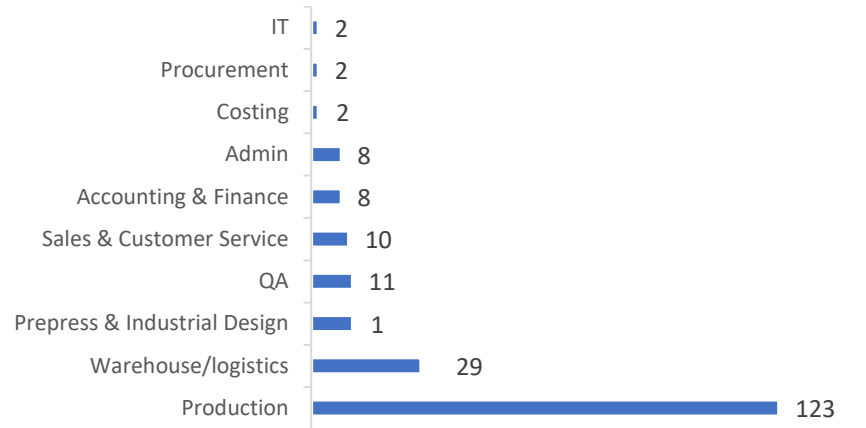
Quality Control: It is the cornerstone of every process with a strong presence in our entire production and non-production flow, ensuring continuously the integrity of our products & services.

- **Accu Check & Accu Braille:** New BoBst folding gluing machine with 2 additional in line stations. Accu Check is 100% automatic printing QC. Accu Braille is the implementation of Braille in the folding gluing production phase with 100% automatic braille QC.
- **Heat sealing tester:** instrument that simulates the heat-sealing conditions of any production line and checks the weld ability of the blistered carton with the PVC/PP/PET. Used for QC and R&D
- **Crease recovery tester:** instrument that measures the recovery (to its initial position) tension that a crease shows when folded to 90°. Also measures the stiffness of a carton (taber 150). Used for QC and R&D
- **Friction tester:** instrument that measures the static and kinetic friction factor between any two printed surfaces. Used for QC and R&D
- **Rub tester:** instrument that submit any printed surface to patterned friction and checks the durability of the print under rub. Used for QC and R&D
- **DotScan:** instrument that measures the braille height and text. Used for QC and R&D
- **Color booth:** instrument with certified light proper for color visual evaluation. Used for QC and R&D
- **Analytical weight balance:** instrument that measures carton GSM, ink/varnish density etc
- **Analytical thickness meter:** instrument to measure carton thickness, Braille height etc
- **Compression tester:** measures the maximum force needed to compress a box. Used for QC and R&D
- **Spectrophotometer:** instrument that measures the color values, density, color/pantone matching, whiteness

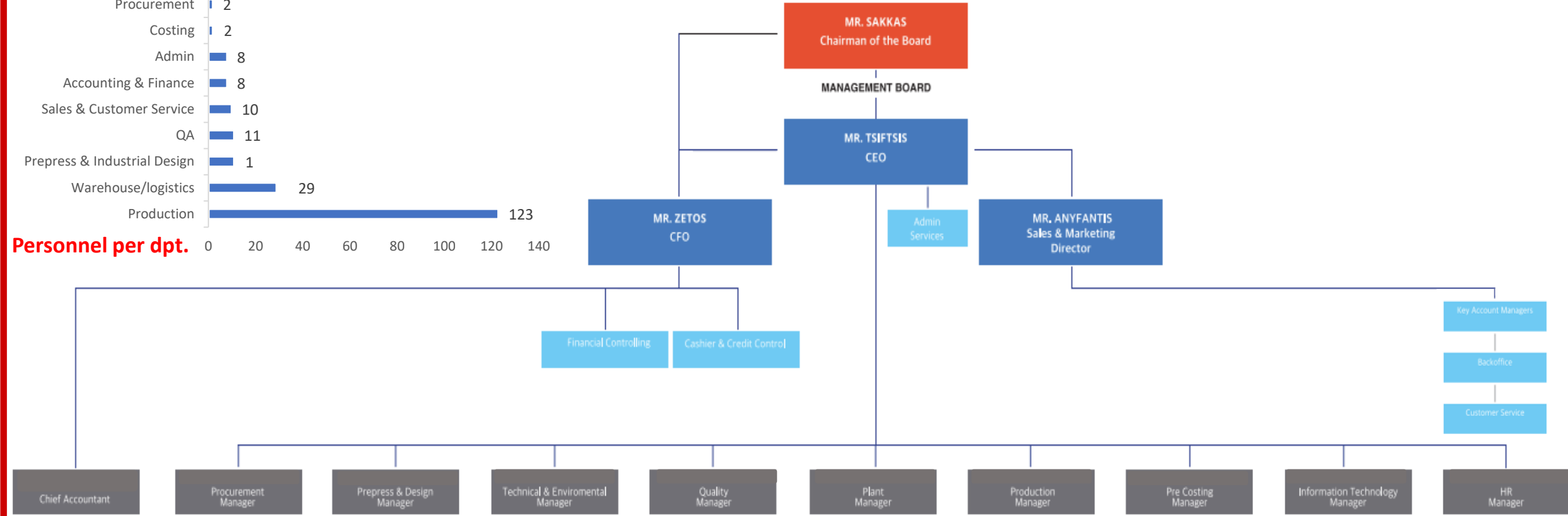


certificates

People & Organization



Personnel per dpt.





Thank
You !