

MEMSA MAKINA

POWERFUL & RELIABLE SOLUTIONS

INDUSTRIAL PARTS & SYSTEMS CATALOG



MEMSA MAKİNA



İŞ GÜVENLİĞİ
ÖNCE GELİR

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ÖNCE GELİR



ABOUT US

MEMSA MAKİNA SAN. TİC. A.Ş. is the present-day successor of SEMSA MAKİNA, which has been serving the pharmaceutical, food and cosmetics industries for more than 40 years. Building on decades of knowledge and experience, together with its highly qualified and specialized team, MEMSA MAKİNA provides custom-built machinery, machine overhauls, blister format tooling, capsule filling format tooling, softgel format tooling and spare parts. With a strong commitment to quality, precision, reliability and fast production, the company continues to serve the constantly growing pharmaceutical, food and cosmetics industries both in Türkiye and worldwide.

OUR MISSION

In line with our corporate and quality objectives, our mission is to invest in people and technology, utilize natural resources efficiently, and provide products and services that create value beyond our customers' expectations. We aim to be an environmentally responsible organization that prioritizes human health, contributes to the national economy, continuously raises its standards of achievement, and serves as a pioneering example within the industry.

OUR VISION

Our vision is to strengthen our presence in both domestic and international markets and maintain a pioneering and competitive position within our field of expertise. By maintaining continuous communication with our customers, we develop and manufacture solutions tailored to their requirements while prioritizing unconditional customer satisfaction in accordance with our corporate and quality objectives.

Through our engineering capabilities, we aim to serve as a project-based solution partner and a reliable technical support provider, continuously enhancing the quality of our brand and becoming a leading and exemplary organization in both domestic and international markets.



FROM ENGINEERING TO PRODUCTION

DESIGN & DEVELOPMENT

MEMSA Makina analyzes every component according to its specific application requirements and carries out the design, dimensioning and technical development processes with precision. Through comprehensive engineering studies performed prior to production, we aim to achieve maximum compatibility, reliable operation and sustainable performance.



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ORDER FULFILLMENT PROCESS

1



Customer Request

Tablet specifications
Machine type
Blister dimensions
Materials to be used
Number of tablets per blister
Project requirements
Cartoning / case packing
machine specifications

2



Blister Design & Quotation

Quotation preparation time: 72 hours
Blister design time: 1-2 days
Preparation of detailed 3D blister drawings
Specification of all critical dimensions
Clear representation of all blister cavity details
Specification of all required technical information

3



Project Initiation

Approval of the packaging layout drawing
Provision of sample tablets
On-site inspection / technical assessment

4



Engineering Review & Design

Project-specific tooling and feeding system design
Assignment of the design team to the project
Utilization of the existing feeding system database
Preparation of all drawings in 3D and evaluation of technical data

8



Production Acceptance

SAT – Site Acceptance Test

A technician specialized in your machine type is available at the customer's facility when required for commissioning and on-site technical support.

7



Delivery

Delivery of products to the customer's facility
Provision of all technical documentation
Preparation of shipping documents in accordance with customer requirements

6



Testing

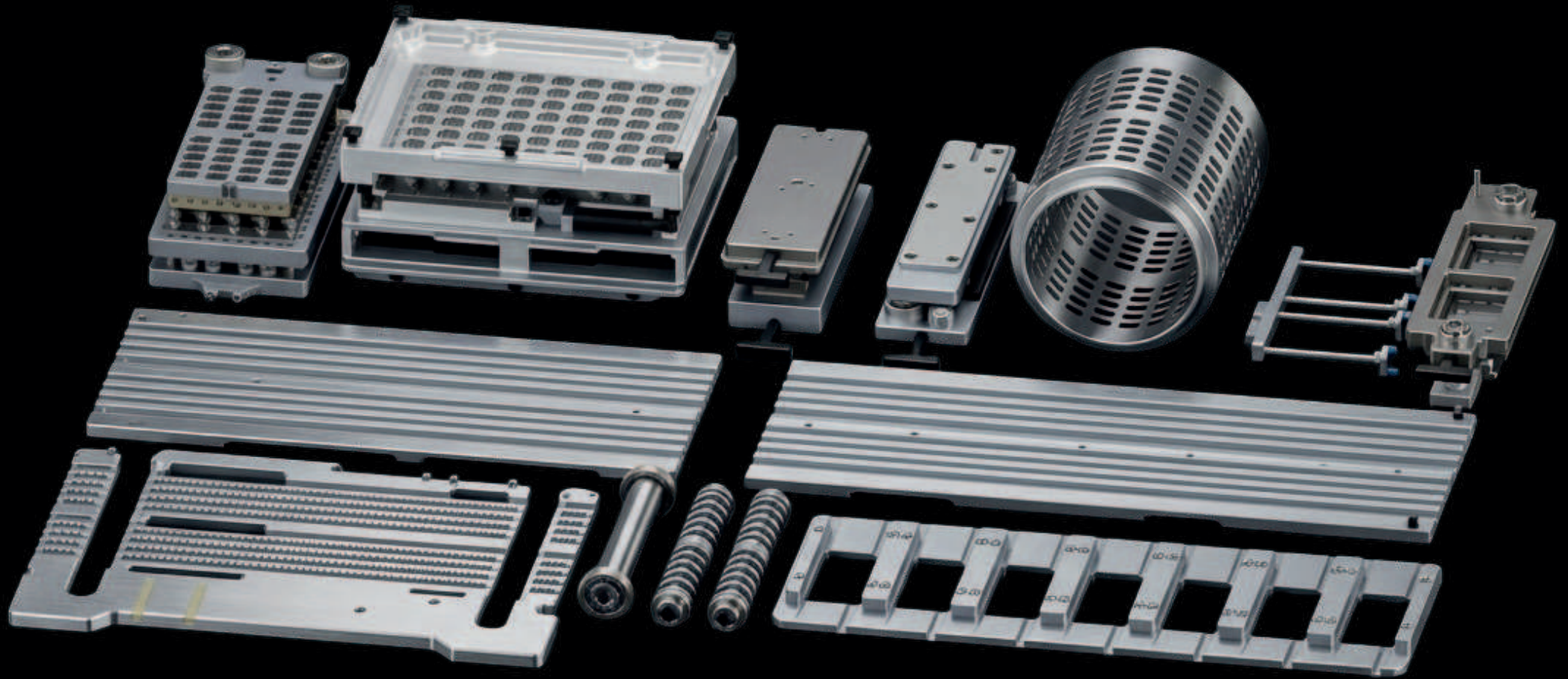
Testing and validation
Dedicated test engineering team for the project
4 feeding system test stations

5



Production

Manufacturing and assembly of blister format parts
Project planning through the MRP system
3D machining to ensure high precision
Measurement and scanning of components
Full traceability



BLISTER FORMAT PARTS

MEMSA Makina Blister Format Parts are specifically designed for different product and packaging geometries, providing precise forming, reliable product placement and high process stability on blister packaging lines.



PRECISION MANUFACTURING

High-precision manufacturing tolerances ensure dimensional accuracy, perfect fit and repeatable performance of format parts.



PRODUCT SPECIFIC DESIGN

Designed according to tablet, capsule and various product geometries to provide solutions specifically tailored to the blister line.



FAST FORMAT CHANGEOVER

The modular format design enables fast changeovers, easy installation and minimum downtime during product transitions.

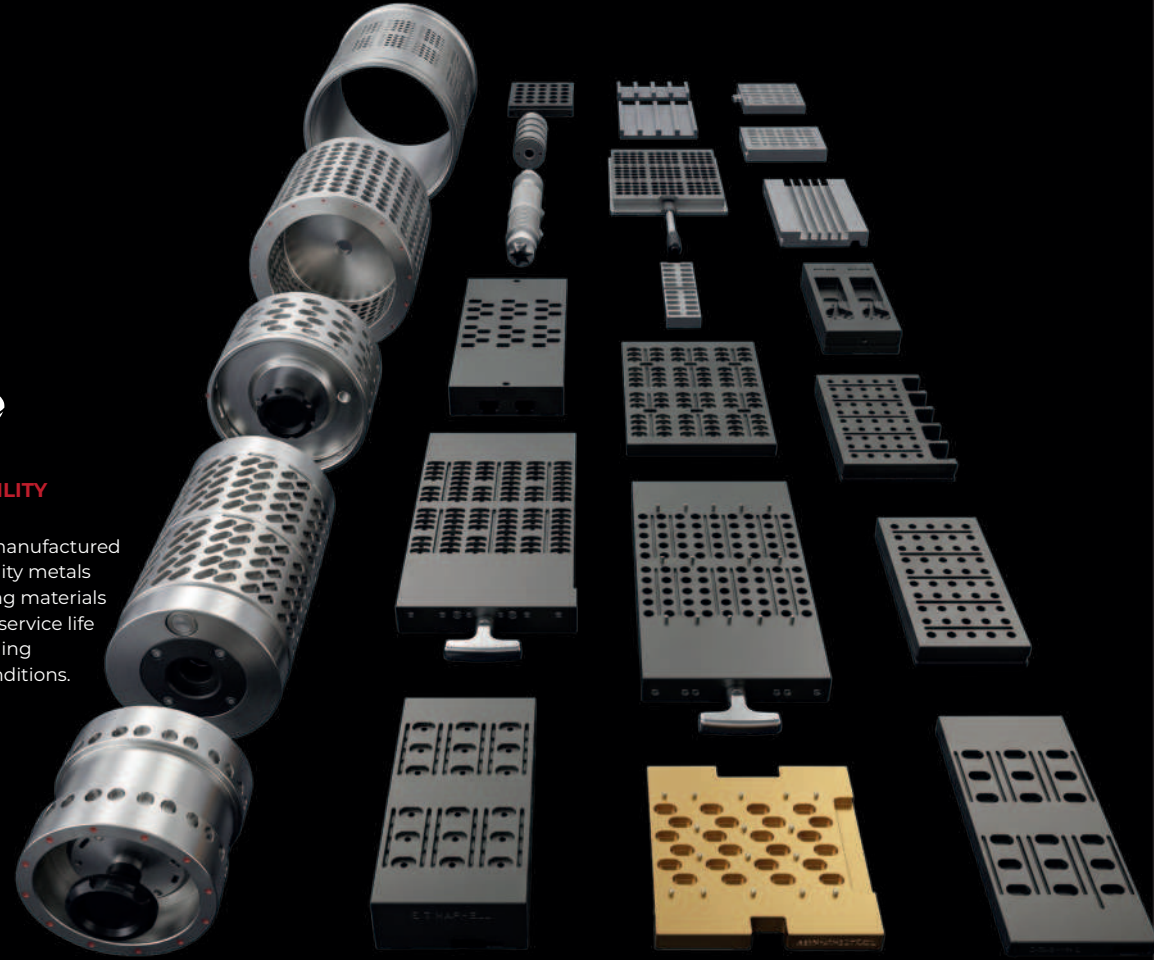


HIGH DURABILITY

Components manufactured from high-quality metals and engineering materials provide a long service life under demanding production conditions.

TECHNICAL SPECIFICATIONS

Application	Blister packaging lines
Product Type	Tablets, capsules, dragees, softgels and special products
Format Type	Customized to product and packaging
Material	Aluminum / Stainless Steel / Engineering Plastics
Surface Treatment	GMP / Application-specific surface treatments / Hard anodizing
Manufacturing	Precision CNC machining
Compatibility	Customized for all major global blister machines
Changeover	Fast and easy format changeover



PRECISION MANUFACTURING



PRODUCT-SPECIFIC DESIGN



EASY CLEANING



GMP COMPLIANT



FAST FORMAT CHANGEOVER

VERTICAL FEEDING SYSTEM

MEMSA Makina Vertical Feeding System is designed for the controlled and precise placement of tablets, capsules and dragees into blister pockets in a vertical orientation. Its product-specific channel geometry ensures stable product flow, high filling accuracy and reliable production performance.



HIGH CAPACITY

Multiple feeding channels ensure consistent and uninterrupted product flow at high production speeds, increasing overall line efficiency.



PRECISION GUIDANCE

Product-specific channels and guiding elements ensure that products are transferred into the blister pockets in the correct orientation.



FAST CHANGEOVER & CLEANING

Its modular and easily removable design enables fast and practical format changeover and cleaning operations.



DURABLE & RELIABLE

Stainless steel and high-quality aluminum components are designed for long-lasting and reliable operation.

TECHNICAL SPECIFICATIONS

Application	Global blister packaging lines
Feeding Direction	Vertical
Product Type	Tablets, capsules, dragees, etc.
Material	Aluminum / Stainless Steel
Surface Treatment	GMP / Hard Anodizing / Special Coating
Channel Design	Customized to product geometry
Adjustment Mechanism	Fast and precise adjustment
System Design	Customized to product and blister format
Cleaning	Easily removable, hygienic design



HIGH SPEED



PRECISION FEEDING



GMP COMPLIANT



EASY CLEANING



FAST FORMAT CHANGEOVER

ROLLER FEEDING SYSTEM

MEMSA Makina Roller Feeding System is designed for the high-speed, consistent and controlled transfer of tablets and capsules into blister pockets. Its product-specific rotating roller design ensures stable product flow, precise feeding and high process efficiency.



HIGH CAPACITY

The continuously rotating roller mechanism provides uninterrupted and stable product feeding performance at high production speeds.



PRECISION SHARPENING

The product-specific roller geometry provides controlled guidance and ensures that products are transferred into the blister pockets in the correct position.



FAST CHANGEOVER & CLEANING

Modular and easily removable components enable fast product changeover, format adjustment and cleaning operations.



DURABLE & RELIABLE

The structure, manufactured from high-quality stainless steel and aluminum components, provides long-lasting and reliable operation.



TECHNICAL SPECIFICATIONS

Application	Global blister packaging lines
Feeding Method	Rotary Roller Feeding
Product Type	Tablets, capsules and suitable solid dosage products
Material	Aluminum / Stainless Steel
Surface Treatment	GMP / Hard Anodizing / Special Coating Options
Roller Design	Customized to product geometry
Adjustment Mechanism	Precise and repeatable adjustment
System Design	Customized to product and blister format



HIGH SPEED



PRECISION SHARPENING



GMP COMPLIANT



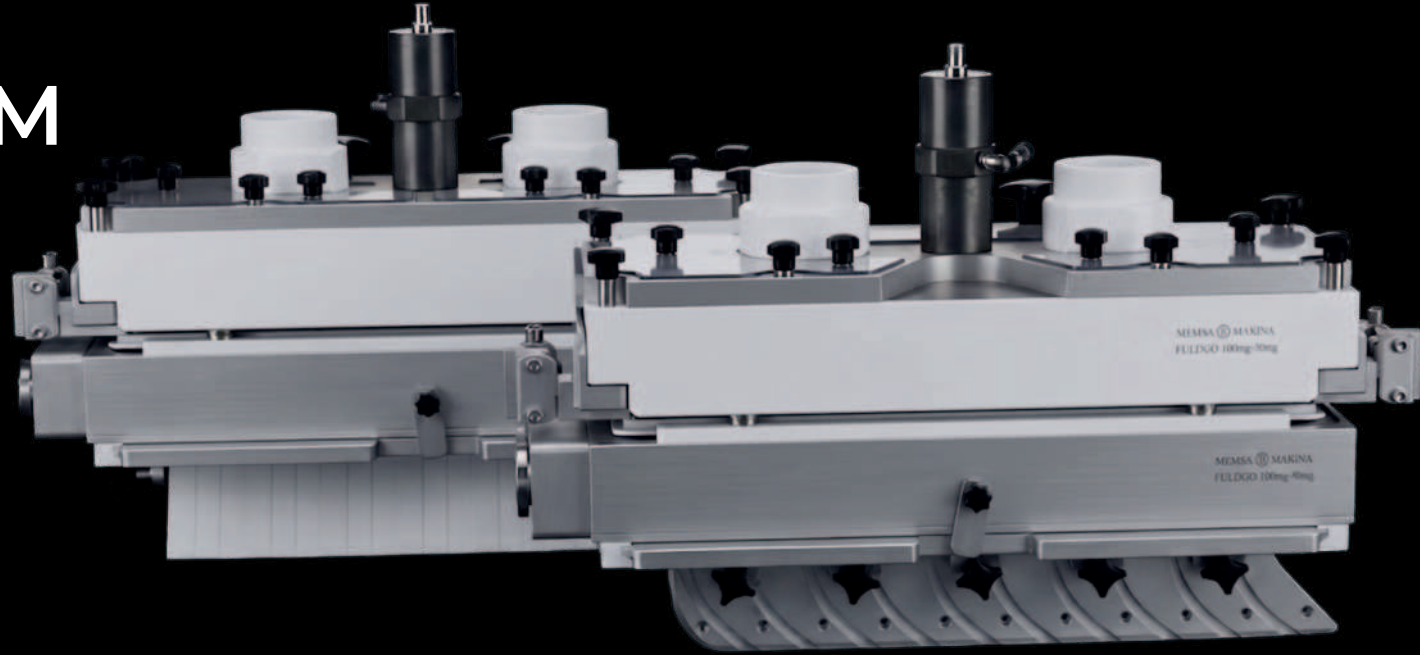
EASY CLEANING



FAST FORMAT CHANGEOVER

TUBE FEEDING SYSTEM

MEMSA Makina Tube Feeding System is designed for the controlled, precise and high-speed placement of tablets into blister pockets. Its product-specific design ensures a high filling rate, stable product flow and reliable production performance.



TECHNICAL SPECIFICATIONS

Application	Global blister packaging lines
Feeding Method	Controlled Tube Feeding System
Product Type	Tablets and suitable solid dosage products
Material	Aluminum / Engineering Plastics
Surface Treatment	GMP / Hard Anodizing / Special Coating Options
System Design	Customized to product and blister geometry
Adjustment Mechanism	Precise and repeatable adjustment



HIGH CAPACITY

The synchronized product feeding system ensures stable and uninterrupted feeding performance at high production speeds.



PRECISION FEEDING

Product-specific channels and guiding elements ensure accurate and controlled transfer of tablets into the blister pockets.



FAST CHANGEOVER & CLEANING

Its modular and easily removable design enables fast and practical format changeover and cleaning operations.



DURABLE & RELIABLE

High-quality engineering plastics and aluminum components provide a durable, reliable structure suitable for industrial applications.



HIGH SPEED



PRECISION FEEDING



GMP COMPLIANT



EASY CLEANING



FAST FORMAT CHANGEOVER

BRUSHBOX FEEDING SYSTEM

MEMSA Makina Brush Feeding System is designed for the fast and controlled placement of tablets, capsules and dragees into blister pockets. The rotating brush mechanism guides the products across the blister surface, enabling consistent and efficient filling of the pockets.



TECHNICAL SPECIFICATIONS

Application	Global blister packaging lines
Feeding Method	Rotary Brush Feeding
Product Type	Tablets, capsules, dragees, etc.
Material	Aluminum / Stainless Steel / Plexiglass
Surface Treatment	GMP / Hard Anodizing / Special Coating
System Design	Customized to product and blister format
Adjustment Mechanism	Fast and precise adjustment
Brush Configuration	Customized to product geometry



HIGH CAPACITY

The continuously operating rotary brush mechanism ensures consistent product distribution and high feeding capacity at high production speeds.



EFFICIENT PRODUCT DISTRIBUTION

The product-specific brush configuration ensures uniform distribution across the blister surface and controlled guidance of products into the pockets.



FAST CHANGEOVER & CLEANING

Its modular and easily removable design enables fast and practical replacement of brushes, guides and format parts, as well as easy cleaning.



DURABLE & RELIABLE

High-quality stainless steel and aluminum components provide reliable and stable operation under continuous production conditions.



HIGH SPEED



EFFICIENT FEEDING



GMP COMPLIANT



EASY CLEANING



FAST FORMAT CHANGEOVER

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LIQUID FILLING FORMAT PARTS

MEMSA Makina Liquid Filling Format Parts are designed for the precise transport, positioning and controlled transfer of vials to the filling station throughout the filling line. The product-specific format design ensures stable and reliable process flow.



CONTINUOUS FLOW

High-precision manufacturing tolerances ensure dimensional accuracy, perfect fit and repeatable performance of the format parts.



PRECISION POSITIONING

Designed according to the geometries of glass and plastic vials and bottles, providing customized solutions for liquid filling lines.



VIAL-SPECIFIC DESIGN

The modular format design enables fast product changeovers, easy installation and minimum downtime.

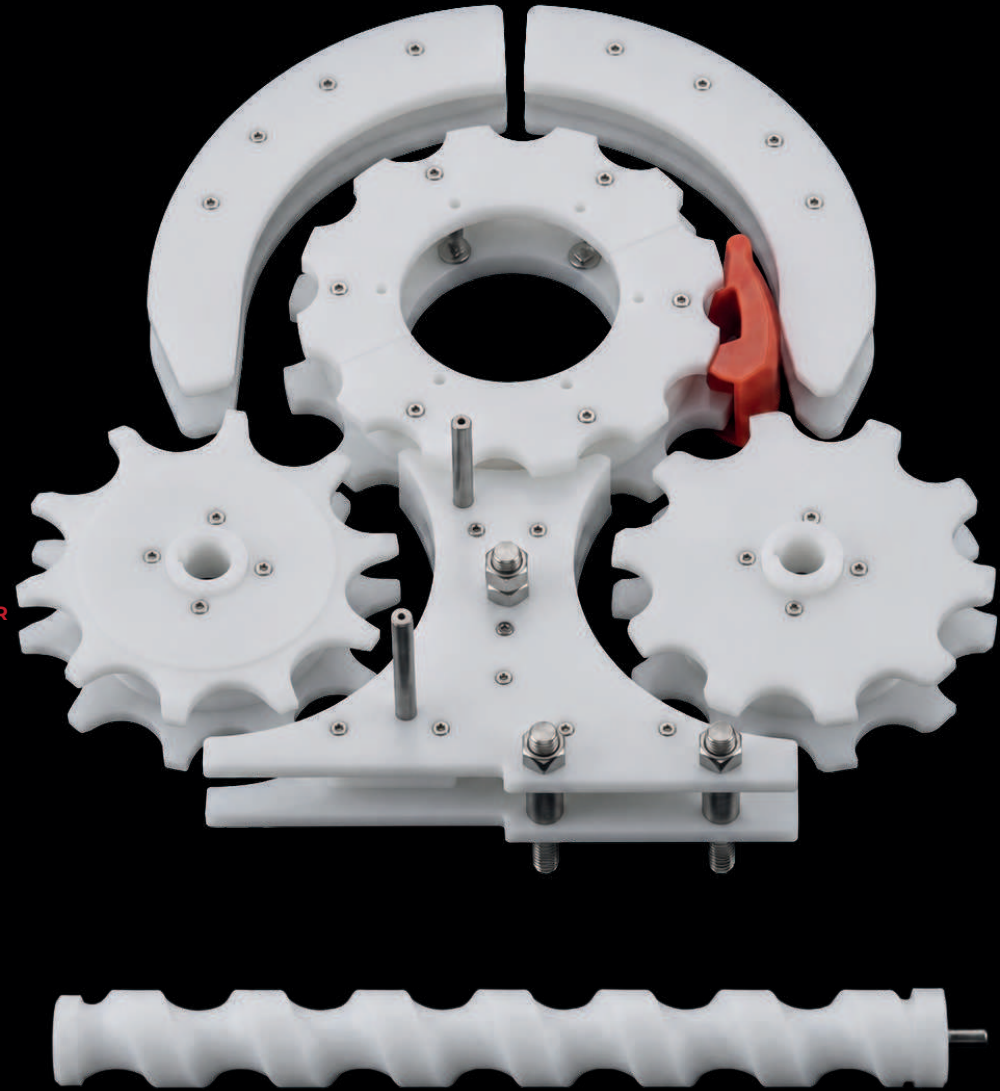


FAST FORMAT CHANGEOVER

Components manufactured from high-quality metals and engineering materials provide a long service life under demanding production conditions.

TECHNICAL SPECIFICATIONS

Application	Vial filling lines
Product Type	Glass / plastic vials
Format Type	Customized to vial dimensions
Material	Engineering Plastics / Stainless Steel
Transfer System	Star Wheel and Guide System
Manufacturing	Precision CNC Machining
Positioning	Precise product transfer to the filling station
Changeover	Quick-release modular design
Cleaning	Easily removable and cleanable design



PRECISION POSITIONING



VIAL-SPECIFIC DESIGN



EASY CLEANING



STABLE PRODUCT FLOW



FAST FORMAT CHANGEOVER

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CAPSULE FILLING FORMAT PARTS

MEMSA Makina Capsule Filling Format Parts are designed to provide precise dosing and high production continuity on capsule filling lines. Components manufactured specifically for the product and machine format offer high precision and long service life.



HIGH DURABILITY

Precision-machined metal components are designed for long-lasting and stable operation.



PRECISION DOSING

Filling pins and dosing components ensure precise and repeatable product filling.



MULTIPLE FILLING SYSTEM

The multiple filling configuration enables compatibility with high-capacity production lines.

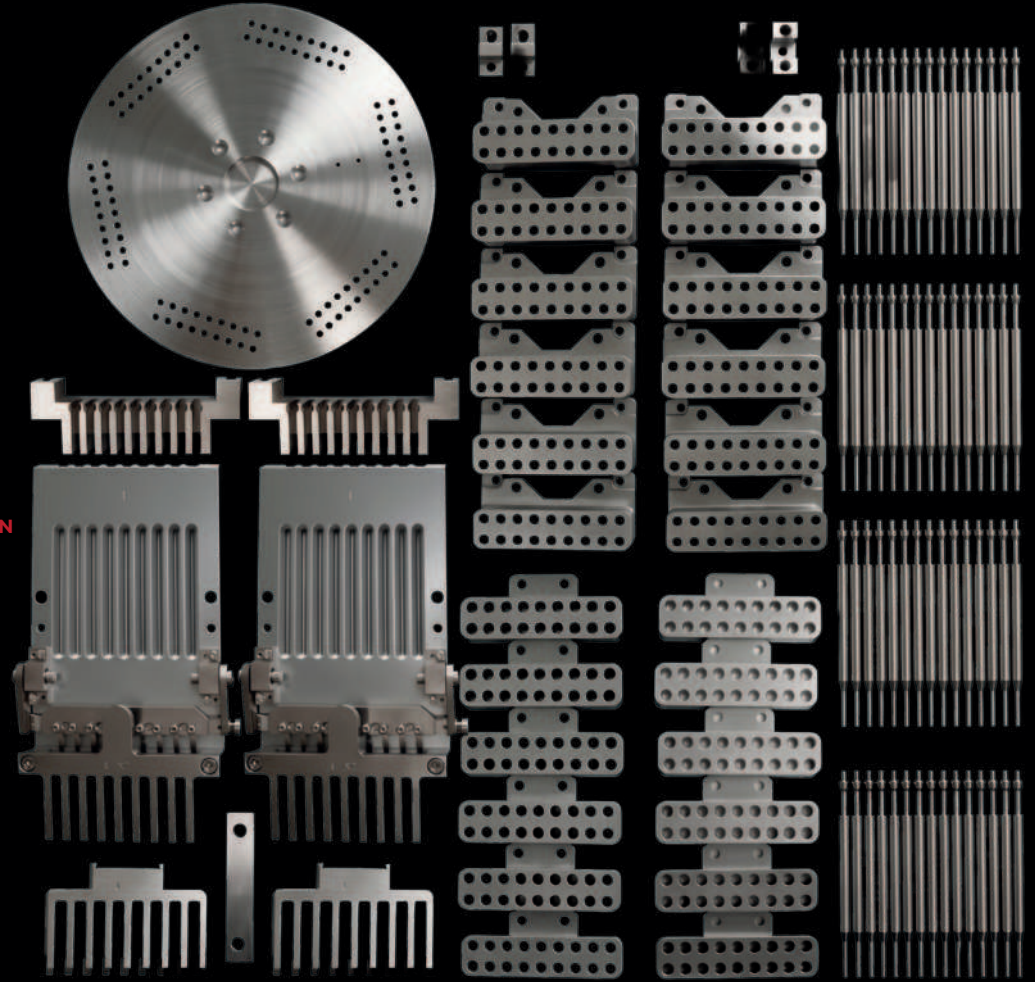


PRODUCT-SPECIFIC DESIGN

Components are manufactured specifically according to capsule size, product characteristics and machine format.

TECHNICAL SPECIFICATIONS

Application	Global capsule filling lines
Product Type	Hard Gelatin and HPMC Capsules
Format Type	Customized for different capsule sizes
Material	Aluminum / Stainless Steel
Transfer System	Rotary Table and Guide System
Manufacturing	Precision CNC Machining
Filling System	Multiple and Precision Dosing
Changeover	Fast and Easy Format Changeover



PRECISION DOSING



MULTIPLE FILLING



HIGH DURABILITY

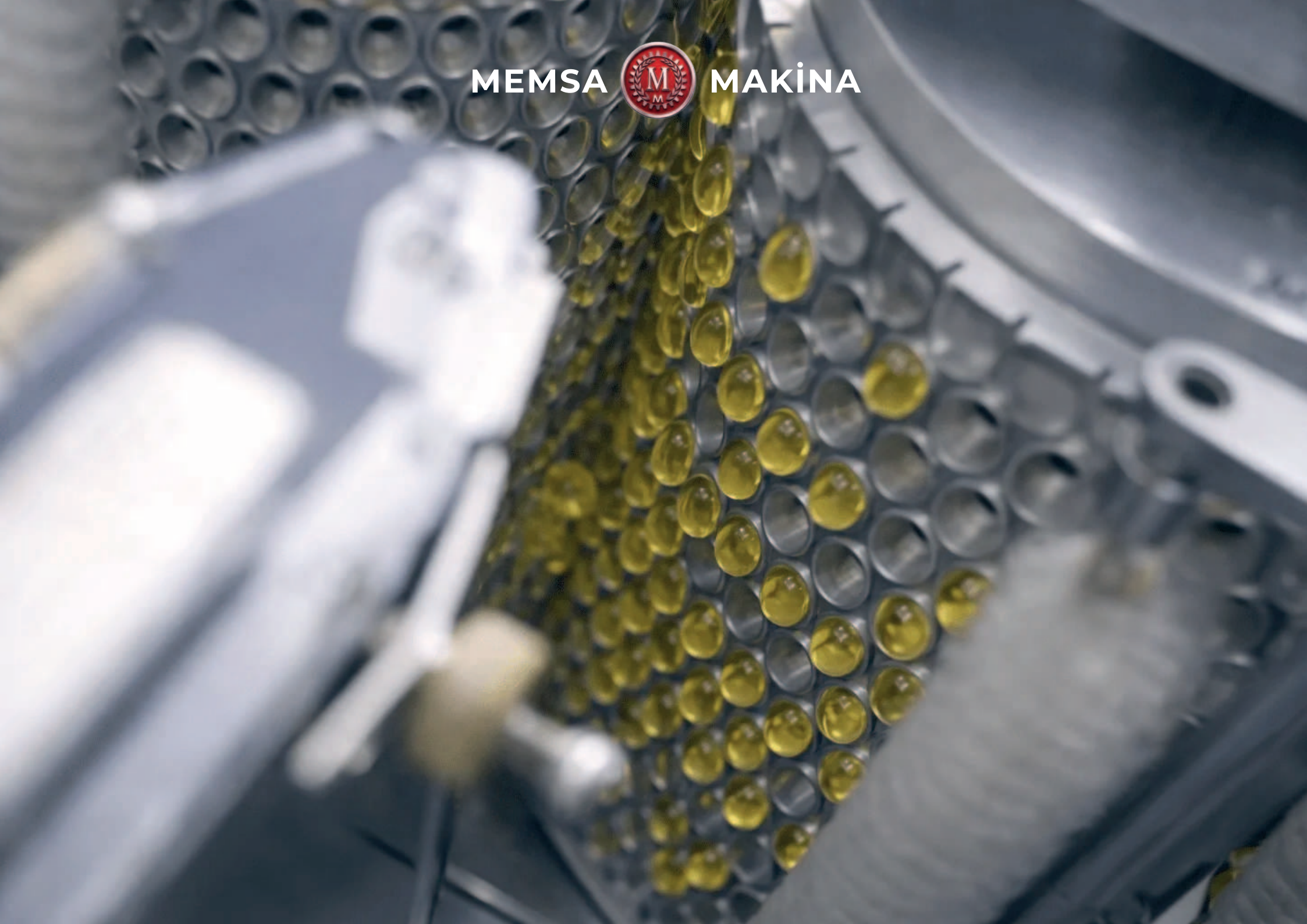


PRODUCT-SPECIFIC DESIGN



FAST FORMAT CHANGEOVER

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SOFTGEL FORMAT PARTS

MEMSA Makina Softgel Format Parts are specifically designed for precision forming, filling and cutting processes in softgel capsule production lines. High-precision manufacturing tailored to the product shape and machine format ensures stable processing and long service life.



PRECISION CUTTING

Optimized cutting geometry ensures clean and controlled formation of the capsule shape.



HIGH DURABILITY

Precision-machined materials and surface finishes provide a long service life under demanding production conditions.



PRODUCT-SPECIFIC FORMAT

Customized format solutions are provided according to capsule shape, dimensions and fill volume.

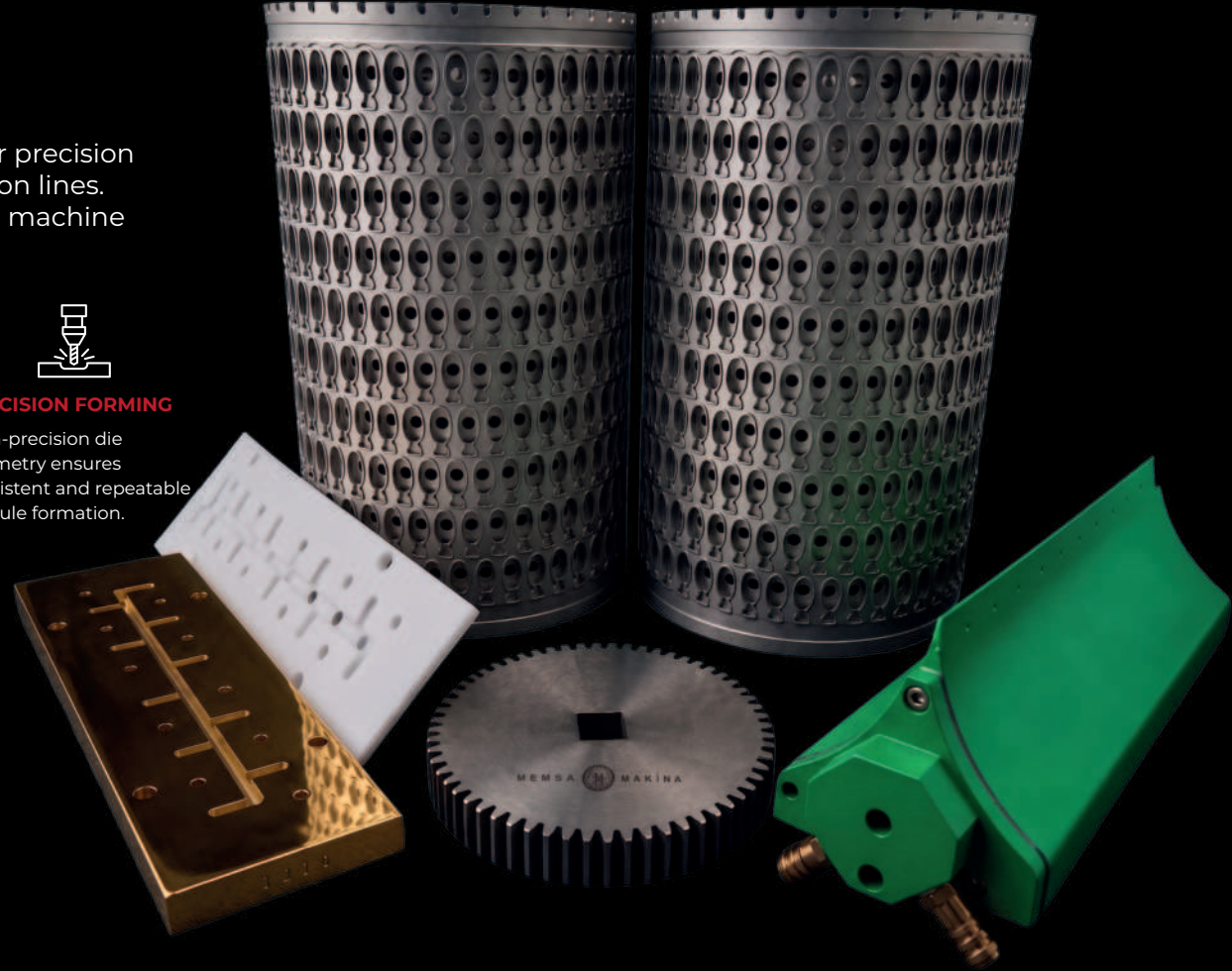


PRECISION FORMING

High-precision die geometry ensures consistent and repeatable capsule formation.

TECHNICAL SPECIFICATIONS

Application	Global Softgel capsule production lines
Product Type	Softgel Capsules
Format Type	Customized to product shape and dimensions
Material	Aluminum / Bronze / Special Alloys / Engineering Materials
Components	Die Rolls, Segments and Format Parts
Manufacturing	High-Precision CNC Machining
Surface Treatment	Hard Anodizing and Teflon Coating
Changeover	Fast and Easy Format Changeover



PRECISION CUTTING



PRODUCT-SPECIFIC FORMAT



HIGH DURABILITY



PRECISION FORMING



FAST FORMAT CHANGEOVER

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TABLET PRESS FORMAT PARTS

MEMSA Makina Tablet Press Format Parts are manufactured to precise tolerances to ensure accurate and stable production in tablet press machines. Components specifically designed for the product and machine model provide high durability, long service life and fast format changeover.



PRECISION MANUFACTURING

High-precision CNC machining ensures stable and repeatable production performance.



HIGH DURABILITY

Durable materials and precision surface treatments are used for components exposed to wear.



MACHINE-SPECIFIC DESIGN

Customized format solutions are provided according to tablet dimensions, machine model and production process.



FAST FORMAT CHANGEOVER

Designed for easy removal and installation during production changeovers, minimizing machine downtime.

TECHNICAL SPECIFICATIONS

Application	Global Tablet Press Machines
Product Type	Tablets and Similar Compressed Products
Format Type	Machine- and Product-Specific Format Parts
Material	Stainless Steel and Bronze
Components	Turret, Cams, Guides and Auxiliary Format Parts
Manufacturing	Precision CNC Machining
Surface Treatment	Application-Specific Grinding and Surface Treatments
Changeover	Fast and Easy Format Changeover



PRECISION MANUFACTURING



MACHINE-SPECIFIC DESIGN



HIGH DURABILITY



EASY MAINTENANCE



FAST FORMAT CHANGEOVER

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VIBRATORY FEEDING SYSTEM

MEMSA Makina Vibratory Feeding Systems are designed for the vibration-controlled sorting, orientation and consistent transfer of tablets, caps and similar products to the production line. Product-specific channel geometry ensures continuous, controlled and highly efficient feeding.



PRECISION ORIENTATION

Precision CNC machining ensures stable and repeatable production performance.



CONTROLLED FEEDING

Controlled vibration ensures consistent and stable transfer of products to the production line.



PRODUCT-SPECIFIC DESIGN

Customized solutions are provided according to the cap or stopper, machine model and production process.



HIGH CAPACITY

Continuous product flow meets the feeding requirements of high-speed production and packaging lines.



TECHNICAL SPECIFICATIONS

Application	Automatic Production and Filling Lines
Feeding Type	Automatic Vibratory Feeding
Product Type	Caps, Stoppers and Similar Components
Material	Stainless Steel
Orientation	Product-Specific Spiral Track System
Capacity	Optimizable According to Product and Line Speed
Adjustment	Controlled Vibration and Precise Flow Adjustment
Discharge System	Product-Specific Linear Track / Transfer Outlet



PRECISION ORIENTATION



PRODUCT-SPECIFIC DESIGN



CONTROLLED FEEDING



CONTINUOUS FLOW



HIGH CAPACITY

SPARE PARTS

At MEMSA Makina, we manufacture high-precision spare and wear parts for pharmaceutical and packaging machinery. To maintain production continuity, reduce unplanned downtime and ensure sustainable machine performance, we provide custom manufacturing solutions based on customer samples or technical drawings.

Our components are manufactured using CNC machining technologies and precise quality control processes to ensure high dimensional accuracy, durability and long service life.

Main spare parts we manufacture:

Spare parts for blister packaging machines
Spare parts for capsule filling machines
Parts for tablet press machines
Parts for liquid and sterile filling machines
Parts for softgel production machines
Format changeover and mechanical wear parts
Custom shafts, bushings, bearing components and fasteners
Custom-manufactured parts based on customer samples or technical drawings



PRECISION MANUFACTURING



HIGH COMPATIBILITY



EASY CLEANING



FAST DELIVERY



LONG SERVICE LIFE

LIQUID FILLING MACHINES

MEMSA Makina Liquid Filling Machines are designed for the precise, fast and controlled filling of pharmaceutical, cosmetic and similar liquid products. Adaptable to different bottle and vial formats, these systems provide high production capacity and repeatable filling accuracy.



PRECISION FILLING

The controlled liquid filling system provides repeatable and high-precision filling.



HIGH CAPACITY

The multiple filling and automatic operation configuration supports high production speeds.



AUTOMATIC CONTROL

Production parameters can be precisely managed via the PLC and operator panel.



MULTI-FORMAT COMPATIBILITY

Easily adaptable to different bottle and vial sizes.



TECHNICAL SPECIFICATIONS

Application	Liquid Product Filling Lines
Product Type	Bottles, Vials and Similar Containers
Format Type	Adaptable to Different Container Sizes
Material	Engineering Plastics / Stainless Steel
Filling System	Precise and Controlled Dosing
Operation	Automatic / Continuous Operation
Control	PLC and Operator Panel
Changeover	Easy and Fast Format Changeover



PRECISION FILLING



HIGH CAPACITY



EASY CLEANING



AUTOMATIC CONTROL



MULTIPLE FORMATS

OUR REFERENCES





Abbott



GlaxoSmithKline



NOVARTIS



NOBEL

SANOFI



Santa Farma

AstraZeneca



SANDOZ

neutec



MENARINI
group



ABDİİBRAHİM



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RECORDATI İLAÇ

Humanis

NUVITA
Bilimden Hayata



genveon



POLİFARMA



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zENTIVA



TABİLAÇ



ABDİ İBRAHİM REMEDE PHARMA

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GLOBAL PHARMACEUTICAL SOLUTIONS

We bring more than 40 years of manufacturing and engineering experience to global markets by combining our expertise with modern production infrastructure and a strong commitment to precision.

Today, MEMSA Makina exports to more than 15 countries. With a service network extending from Europe to the Middle East and from North Africa to Central Asia, we provide high-precision tooling, format parts and custom engineering solutions for the pharmaceutical industry.

With our strong engineering capabilities, quality-focused manufacturing approach and extensive industry experience, we develop customized solutions for production lines of various brands and models, bringing precision engineering manufactured in Türkiye to customers worldwide.



OUR CERTIFICATIONS

With an approach that prioritizes quality, safety and customer satisfaction, we manufacture in compliance with national and international standards and demonstrate our commitment through our certifications.



QUALITY MANUFACTURING

Manufacturing processes in accordance with high quality standards



SAFETY

Occupational safety and environmentally responsible manufacturing



RELIABILITY

Customer satisfaction-oriented service approach



INTERNATIONAL STANDARDS

Certification in compliance with international standards





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