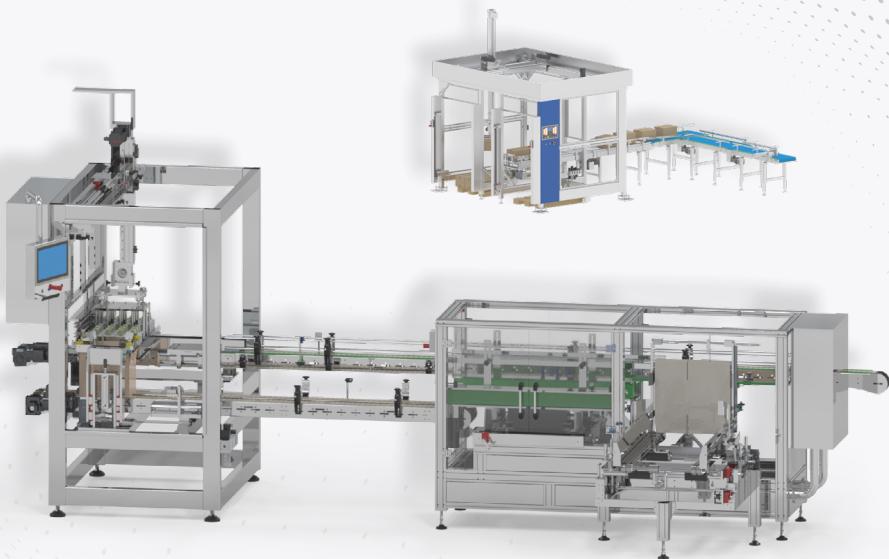




PACKAGING MACHINES

TECHNOLOGY | DESIGN | INNOVATION



ALWAYS YOUR INNOVATIVE SOLUTION PARTNER

About us

Electromag Makine, which started manufacturing in a workshop in Topçular in 1978, has become one of the leading companies in the Turkey packaging machinery industry with its factory with a closed area of 14,000 m² in Çerkezköy and nearly 70 experienced employees. Our customers are in search of affordable, high quality and high capacity machines in the rapidly developing packaging industry. As Elektromag, we aim to produce and promote simple to use and high capacity machines in line with the technological developments in existing machines.

OUR MANUFACTURING PROGRAM

Our Machine Groups

- Plastic Bottle Sorting and Cleaning
- Air Bottle Cleaning
- Non-Gas Liquid Filling
- Capping
- Filling-Capping
- Labeling
- Safety Sleeve Tape
- Body Sleeve (Dressing)
- Unpacking
- Packing
- Boxing
- Palleting
- QR Code Box Printing Station
- Bundle



- GERMANY
- AMERICA
- ANGOLA
- ALBANIA
- AZERBAIJAN
- UNITED ARAB EMIRATES
- BULGARIA
- ALGERIA
- ARMENIA
- GABON
- GHANA
- GEORGIA
- SOUTH AFRICA
- HOLLAND
- ENGLAND
- IRANIAN
- IRAQ
- SPAIN
- ISRAEL
- KOSOVO
- KUWAIT
- CYPRUS
- KYRGYZSTAN
- LIBYA
- LEBANON
- HUNGARY
- MACEDONIA
- MEXICAN
- EGYPT
- UZBEKISTAN
- POLAND
- ROMANIA
- RUSSIA
- SENEGAL
- SERBIA
- SUDAN
- SYRIA
- SAUDI ARABIA
- TANZANIA
- TUNISIA
- TURKMENISTAN
- UKRAINE
- OMAN
- JORDAN
- GREECE

OUR MANUFACTURING PROGRAM



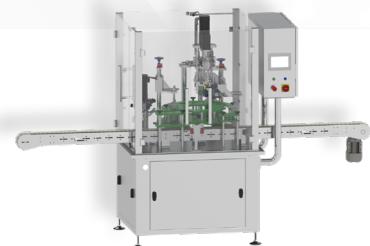
1 BOTTLE UNSCRAMBLER MACHINE



2 BOTTLE CLEANING MACHINES



3 AUTOMATIC FILLING MACHINES



4 FILLING-CAPING MACHINES



5 CAPPING MACHINES



6 LABELING MACHINES

OUR MANUFACTURING PROGRAM



7 BODY SLEEVE (DRESSING) MACHINES



8 STEAM TUNNELS



9 AUTOMATIC AND SEMI-AUTOMATIC
BOXING MACHINES



10 PACKAGING MACHINES



11 PALLETING MACHINES



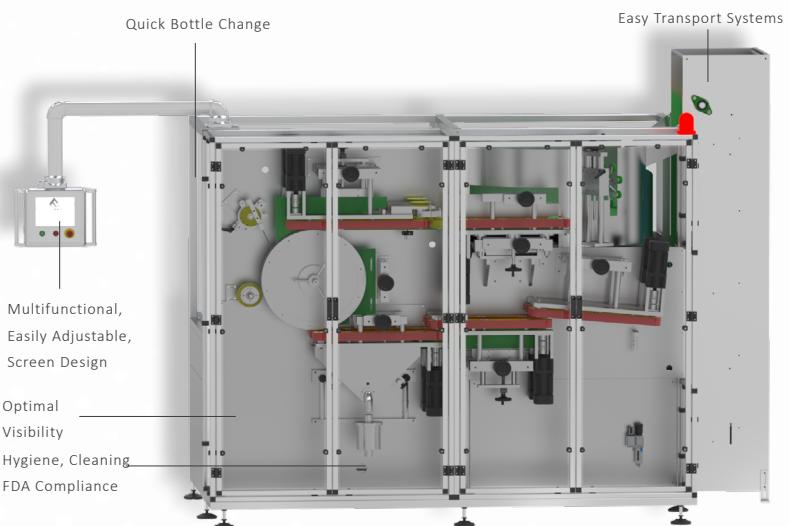
12 FEED AND COLLECTION TRAY

1

BOTTLE UNSCRAMBLER MACHINE

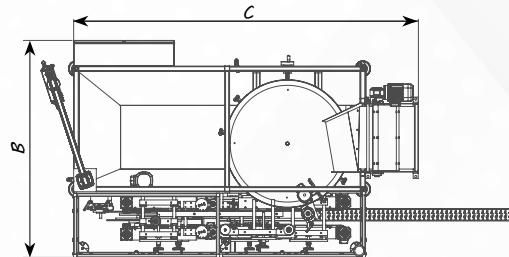
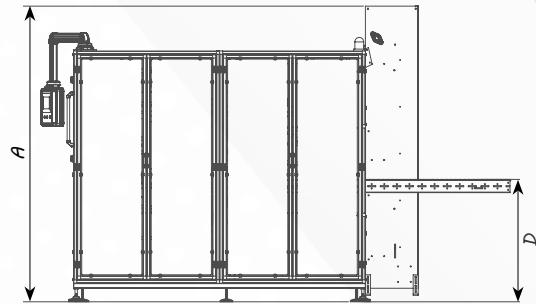
M-SDM-A01 PLASTIC BOTTLE UNSCRAMBLER AND CLEANER

System	Linear
Working Principle	Belt driven non-stop
Construction	Chassis is stainless steel, other surfaces are anodized aluminum, painted parts and PE materials.
Control Unit	Omron or Beckhoff
Packaging	Plastic
Packing diameter	min:25 max:120 mm
Electricity Requirement	380V, 50Hz, 3 phase
Air Requirement	6-8 Bar
Energy Consumption	4 kW
Air Consumption	200 Lt/dk
Weight	~700 kg
Capacity	It varies according to the bottle form and quality. 4000-10000 bottles/hour



BOTTLE UNSCRAMBLER MACHINE

- Advanced easy-to-use Omron/Beckhoff PLC control system
- Omron/Beckhoff LCD operator panel with touchscreen
- Stop feature when the output is full
- Stepless electronic speed regulation
- Soft start and stop feature
- Automatic recipe adjustment according to the current product
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC,FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service



Model	A (mm)	B (mm)	C (mm)	D (mm)
M-SDM-A01	2300	1500	2800	950±50
M-SDM-A02	2400	1900	2800	950±50
M-SDM-A03	2200	1100	2000	950±50

2

BOTTLE CLEANING MACHINES

M-STM-A02 BOTTLE CLEANING MACHINE

Construction	The chassis is stainless, the other surfaces are anodized aluminum, painted parts and PE materials.
System	Linear
Working Principle	Stop and Go
Control Unit	Omron or Beckhoff
Packaging	Plastic, glass, metal
Packing diameter	min:20 max:130mm
Electricity Requirement	380V, 50Hz, 3 phase
Air Requirement	6-8 Bar
Energy Consumption	1 kW
Air Consumption	500 Lt/min
Weight	~300kg
Capacity	It varies according to the bottle diameter.

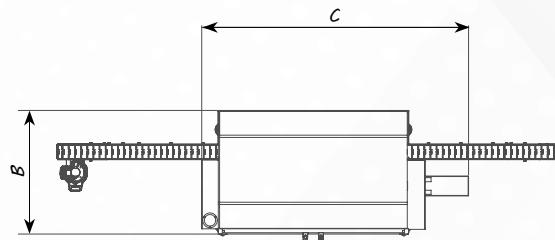
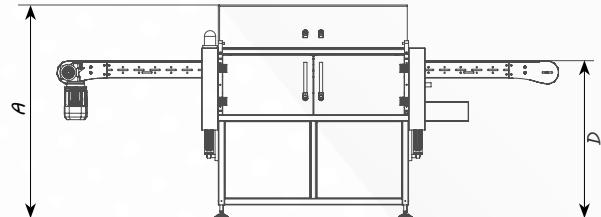


BOTTLE CLEANING MACHINES

2

- Advanced easy-to-use Omron/beckhoff PLC control system
- Touchscreen Omron/beckhoff brand LCD operator panel
- Stop feature when the output is full
- Stepless electronic speed regulation
- Soft start and stop feature
- Automatic recipe adjustment according to the current product
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK,KYENCE
- Pneumatic materials used on the machine SMC,FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

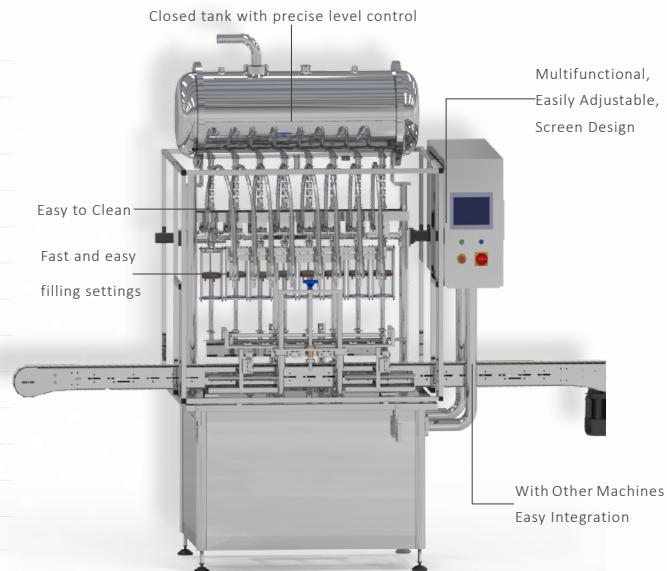
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-STM-A02	1350	800	1500	950±50



3 FILLING MACHINES

M-ODM-A01 LINEAR SERVO FILLING

System	Linear
Working Principle	Volumetric
Construction	Chassis is steel, surfaces in contact with the product are AISI 316, all visible surfaces are AISI 304 quality stainless
Control Unit	Beckhoff
Filling tank	110lt (Precision level control)
Packaging	Plastic, glass, metal
Cylinder	Schott brand glass or AISI 316
Weight setting	Via touch screen
Filling Accuracy	± % 0.3
Electricity Requirement	380V, 50Hz, 3 phases
Air Requirement	6-8 Bar
Energy Consumption	5.5 kW
Air Consumption	300 lt/min
Weight	~ 1.100 kg
Capacity	It varies according to the bottle form and product viscosity.

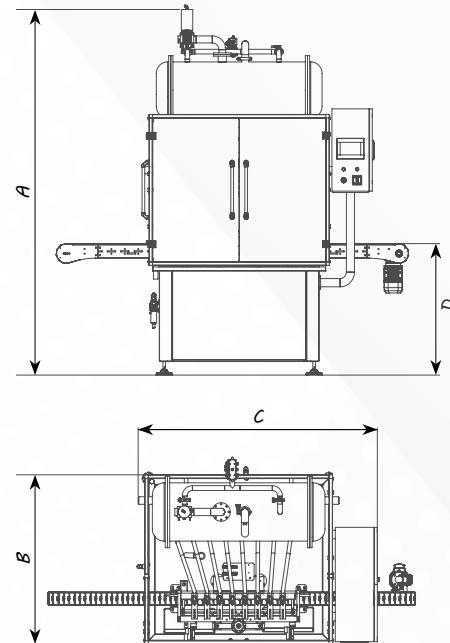


FILLING MACHINES

3

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" operator panel
- Servo Controlled Travel and Nozzle Movement
- Tri-Clamp Quick Connect
- Motion Control 1 ms cycle time
- OCT Single-cable Servo Motors
- Scada Display
- Unlimited Recipes
- Remote Access, Access and interfere with machine screens from your computer or follow production quantities.
- Input Full, Output Full and all sensors in the machine report an error on the screen.
- Door with safety contact and emergency stop
- Servo motor temperatures and powers are reported on the screen
- OP System: Over power protection due to wrong setting
- 1100 mm/sec nozzle movement speed
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- All Controls Over the Screen Thanks to the analog cards, closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli / Yilmaz Gearbox
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness.

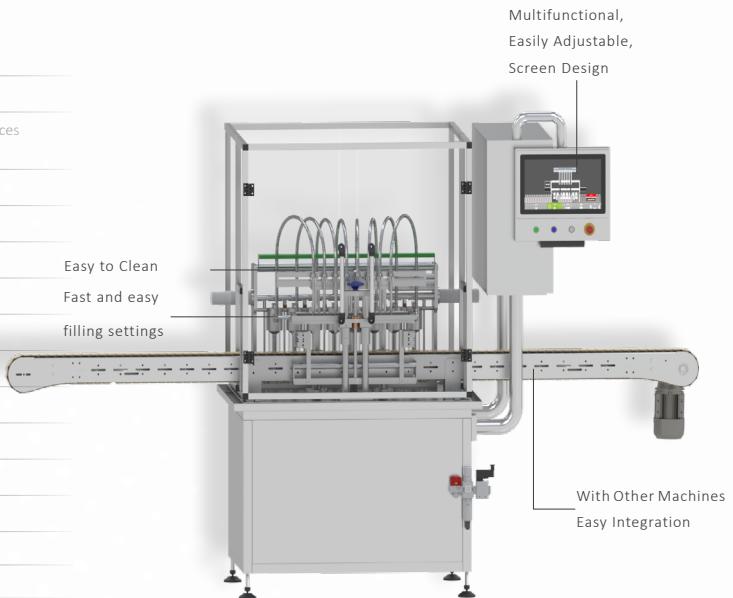
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ODM-A01 (1LT)	2600	1300	1700	950±50
M-ODM-A01 (2LT)	2800	1300	1750	950±50



3 FILLING MACHINES

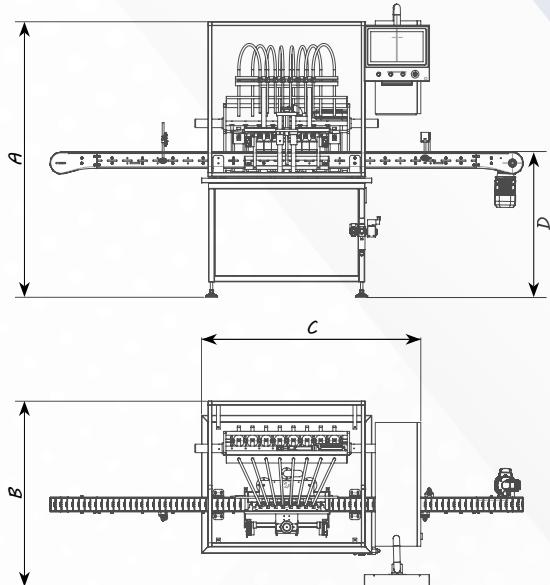
M-ODM-A03 LINEAR SERVO MEDICINE FILLING

System	Linear
Working Principle	Volumetric
Construction	Chassis is steel, surfaces in contact with the product are AISI 316, all visible surfaces are AISI 304 quality stainless
Control Unit	Beckhoff
Filling tank	Direct connection without tank
Packaging	Plastic, glass, metal
Cylinder	Schott brand glass or AISI 316
Weight setting	Via touch screen
Filling Accuracy	± % 0.3
Electricity Requirement	380V, 50Hz, 3 phases
Air Requirement	6-8 Bar
Energy Consumption	4 kW
Air Consumption	300 lt/min
Weight	~ 550 kg
Capacity	It varies according to the bottle form and product viscosity.



- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" operator panel
- Servo Controlled Travel and Nozzle Movement
- Tri-Clamp Quick Connect
- Motion Control 1 ms cycle time
- OCT Single-cable Servo Motors
- Scada Display
- Unlimited Recipes
- Remote Access, Access and interfere with machine screens from your computer or follow production quantities.
- Input Full, Output Full and all sensors in the machine report an error on the screen.
- Door with safety contact and emergency stop
- Servo motor temperatures and powers are reported on the screen
- OP System: Over power protection due to wrong setting
- 1100 mm/sec nozzle movement speed
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- All Controls Over the Screen Thanks to the analog cards, closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli / Yilmaz Gearbox
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness.

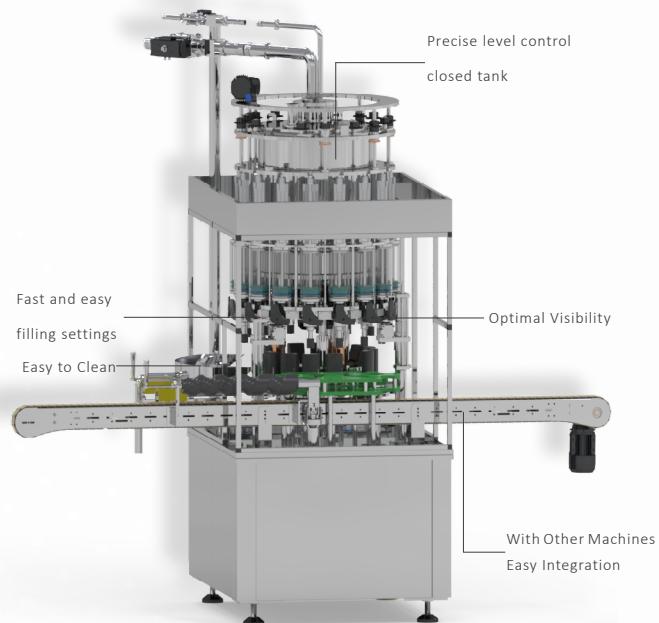
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ODM-A03	1800	1000	1500	950±50



3 FILLING MACHINES

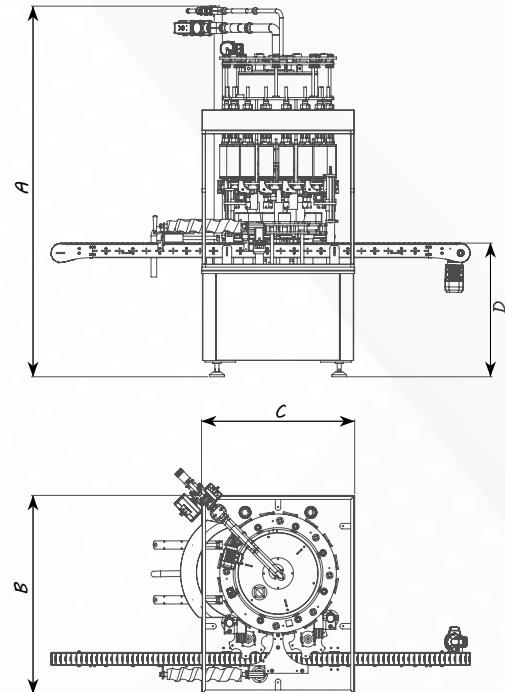
M-ODM-R01 ROTARY VOLUMETRIC FILLING

System	Rotary
Working Principle	Volumetric
Construction	All surfaces in contact with the construction and product are AISI 316, other visible surfaces are 304 quality stainless steel
Control Unit	Beckhoff
Filling tank	150lt (Precision level control)
Packaging	Plastic, glass, metal
Cylinder	Schott brand glass or AISI 316
Weight setting	Via touch screen
Filling Accuracy	± % 0,3
Electricity Requirement	380V,50Hz,3 phases
Air Requirement	6-8 Bar
Energy Consumption	3.5 kW
Air Consumption	600 lt/dk
Weight	~1.750kg
Capacity	It varies according to the bottle form and product viscosity.



- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" or 15" operator panel
- Motor-controlled weight adjustment from the operator panel
- Pneumatic suction and discharge
- Tri-Clamp quick connect
- Scada Display
- Unlimited Recipes
- Remote Access, Access and interfere with machine screens from your computer or follow production quantities.
- Input Full, Output Full and all sensors in the machine report on the screen in case of an error
- Door with safety contact and emergency stop
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Thanks to analog cards, all controls are on the screen.
- Sensors used on the machine (such as photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli / Yilmaz Gearbox
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness

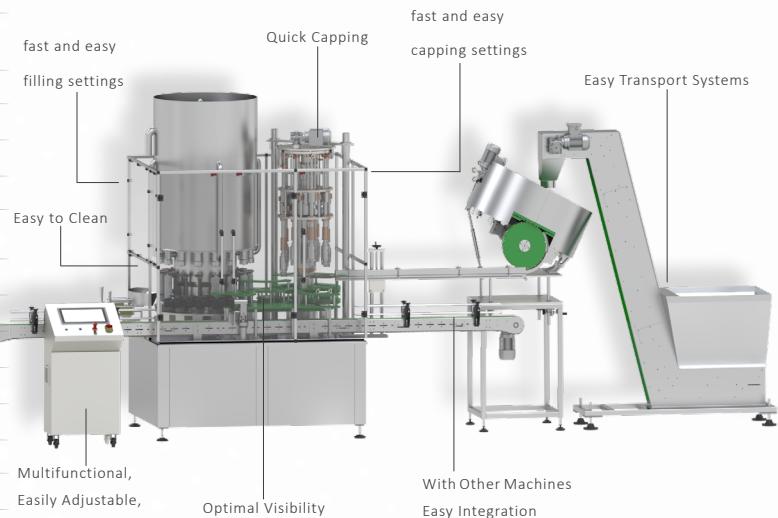
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ODM-R01	2700	1500	1500	950±50



4 FILLING & CAPPING MACHINES

M-ODML-A03 LOADCELL FILLING AND CAPPING

System	Rotary
Working Principle	Loadcell
Construction	Chassis is steel, surfaces in contact with the product are AISI 316, all visible surfaces are AISI 304 quality stainless
Control Unit	Beckhoff
Filling tank	300lt (Precision level control) (16'li 150 lt- 24'li 300 lt)
Packaging	Plastic, glass, metal
Nozzle	Internal valve, laminar flow
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Capping system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Loadcell	Vishay/Tedea/Huntleigh/HBO
Weight setting	Via touch screen
Filling Accuracy	± % 0,3
Electricity Requirement	380V,50Hz,3 Phase
Air Requirement	6-8 Bar
Energy Consumption	5 kW
Air Consumption	500 lt/min
Weight	~2.500kg
Capacity	It varies according to the bottle form and product viscosity.

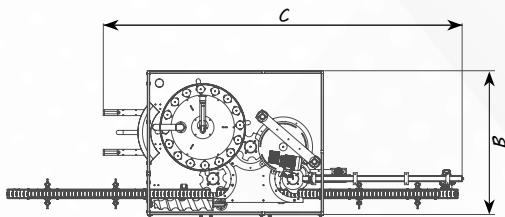
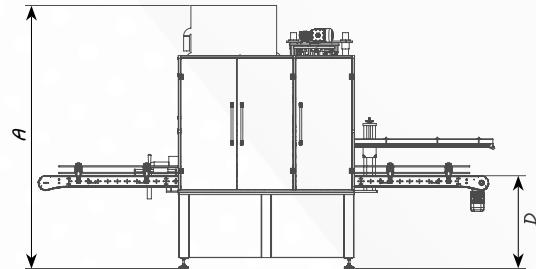


FILLING & CAPPING MACHINES

4

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" or 15" operator panel
- Automatic weight adjustment on the screen
- Tare weight checking then filling the specified weight
- Controlled and automatically corrected filling
- Special nozzle for laminar flow
- Ultra clean system, product touches two points
- Unlimited prescriptions
- Remote Access, Access and interfere with machine screens from your computer or follow production quantities.
- Input Full, Output Full and all sensors in the machine report an error on the screen.
- Door with safety contact and emergency stop
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli / Yilmaz Gearbox
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness

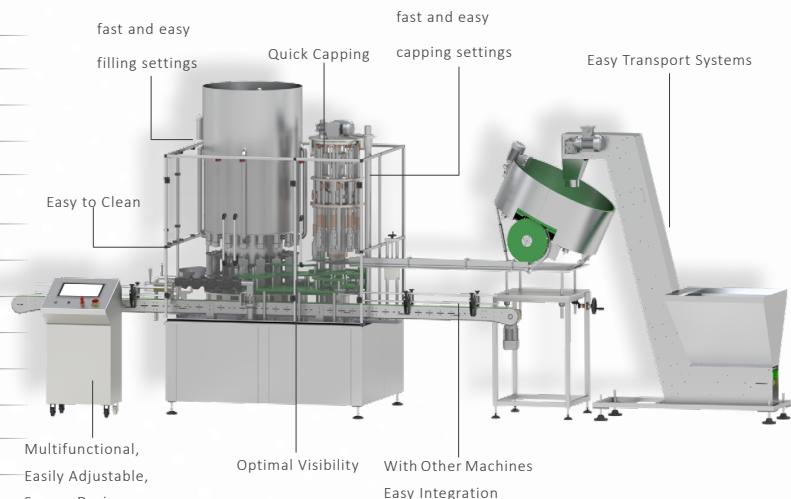
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ODML-A03	2650	1450	3700	950±50



4 FILLING & CAPPING MACHINES

M-ODM-R02 VOLUMETRIC FILLING & CAPPING

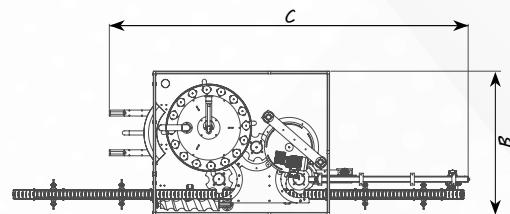
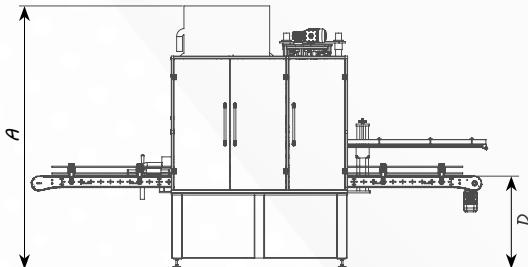
System	Rotary
Working Principle	Loadcell
Construction	Chassis is steel, surfaces in contact with the product are AISI 316, all visible surfaces are AISI 304 quality stainless
Control Unit	Beckhoff
Filling tank	300lt (Precision level control) (16'li 150 lt- 24'li 300 lt)
Packaging	Plastic, glass, metal
Nozzle	Internal valve, laminar flow
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Capping system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Loadcell	Vishay/Tedea/Hunleigh/HBO
Weight setting	Via touch screen
Filling Accuracy	± %0,3
Electricity Requirement	380V,50Hz,3 Phase
Air Requirement	6-8 Bar
Energy Consumption	5 kW
Air Consumption	500 lt/min
Weight	~2.500kg
Capacity	It varies according to the bottle form and product viscosity.



ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

- Advanced easy-to-use Beckhoff PLC control system
- Touchable 7" or 15" operator panel
- Automatic weight adjustment on the screen
- Pneumatic suction and discharge
- Tri-clamp quick connect
- Scada screen
- Unlimited prescriptions
- Remote access, Access and interfere with machine screens from your computer or follow production quantities.
- Input is full, output is full and all sensors in the machine report an error on the screen.
- Door with safety contact and emergency stop
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC,FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness

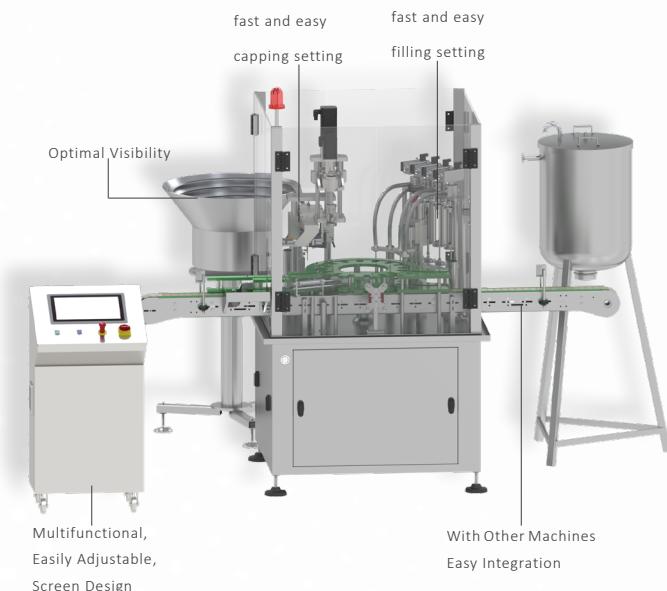
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ODM-R03	2650	1450	3700	950±50



4 FILLING & CAPPING MACHINES

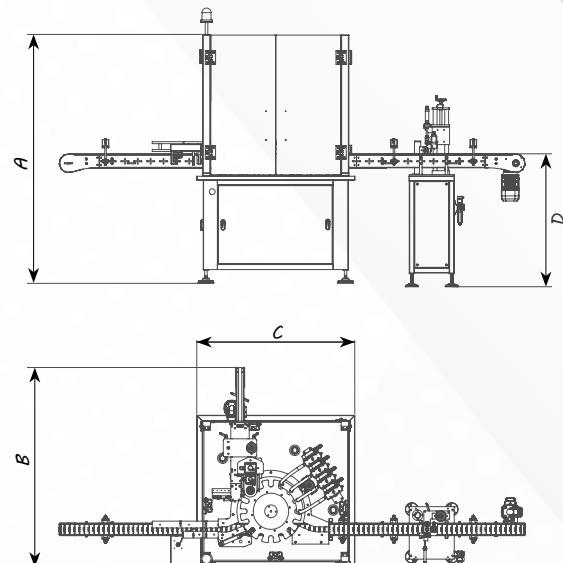
M-MDL-A01 MODULAR SYSTEM

System	Starred
Working Principle	Volumetric, Stop and Go
Construction	Chassis is steel, surfaces in contact with the product are AISI 316, all visible surfaces are AISI 304 quality stainless
Control Unit	Beckhoff
Filling tank	80lt (Precision level control)
Packaging	Plastic, glass, metal
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Closure system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Cylinder	Schott brand glass or AISI 316
Nozzle	Internal valve
Weight setting	Via touch screen
Filling Accuracy	± % 0,3
Electricity Requirement	380V,50Hz,3 Phases
Air Requirement	6-8 Bar
Energy Consumption	6 kW
Air Consumption	500 lt/min
Weight	~740kg
Capacity	It varies according to the bottle form and product viscosity.



- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" or 15" operator panel
- Weight adjustment on the screen with servo
- Suction and discharge with servo motor
- Very easy to clean Tri-clamp quick connector
- Scada screen
- Unlimited prescriptions
- Remote access, being able to access machine screens from your computer and intervene or see production quantities.
- Input full, output full and all sensors on the machine reporting an error on the screen.
- Door with safety contact and emergency stop
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Thanks to analog cards, all controls are on the screen.
- Sensors (photocell) used on the machine SICK, KEYENCE, SONIC
- Pneumatic materials used on the machine SMC, FESTO
- All gear reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless steel materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness

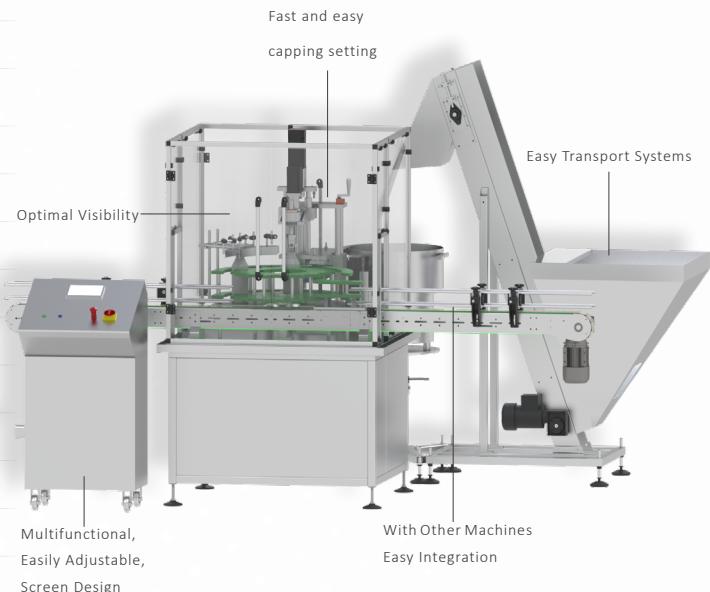
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-MDL-A01	2000	1300	1600	950±50



5 CAPPING MACHINES

M-KAP-C01 MODULAR THREADED CAPPING

System	Starred
Working Principle	Stop & Go
Construction	Chassis is stainless steel, other surfaces are anodized aluminum and PE materials
Control Unit	Beckhoff
Packaging	Plastic, glass, metal
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Closure system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	5 kW
Air Consumption	300 lt/minx
Weight	~950 kg
Capacity	50-60 BPM

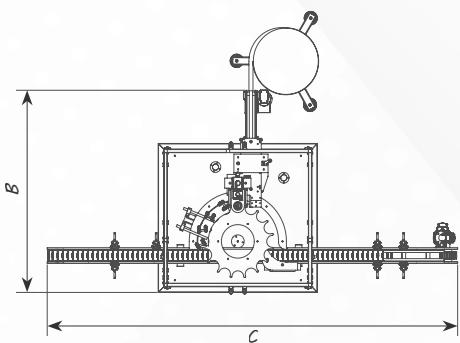
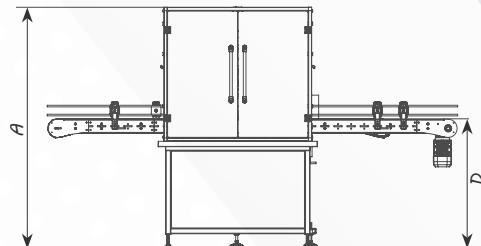


CAPPING MACHINES

5

- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- It provides effective dust protection with its completely closed structure.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE, DI-SONIC
- Pneumatic materials used on the machine IO-LINK SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

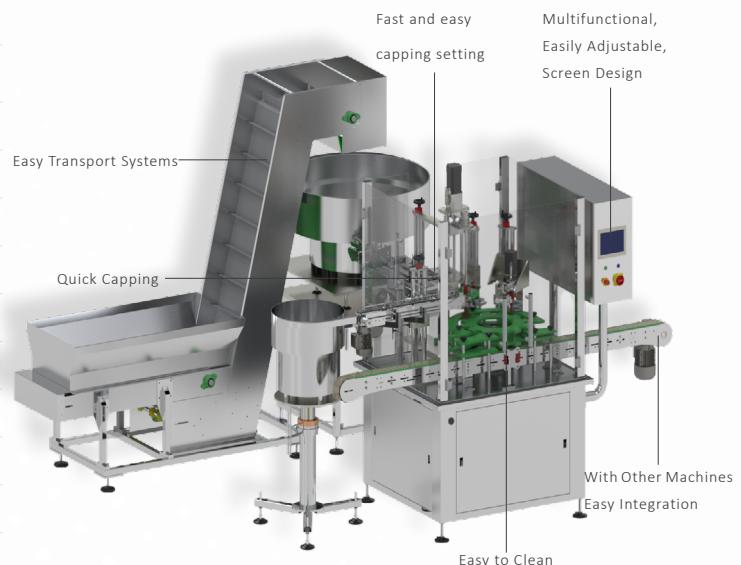
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-C01	1800	1500	1250	950±50



5 CAPPING MACHINES

M-KAP-C02 MODULAR THREADED AND PUMP CAPPING

System	Starred
Working Principle	Stop & Go
Construction	Chassis is stainless steel, other surfaces are anodized aluminum and PE materials
Control Unit	Beckhoff
Packaging	Plastic, glass, metal
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Closure system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	5 kW
Air Consumption	300 lt/minx
Weight	~950 kg
Capacity	50-60 BPM (depending on hose length and bottle diameter)



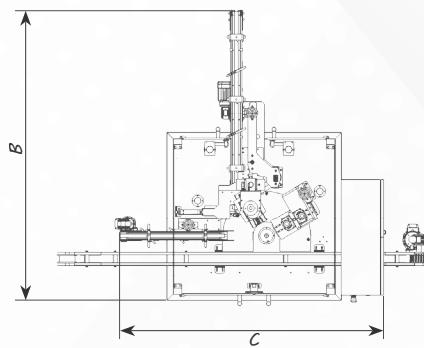
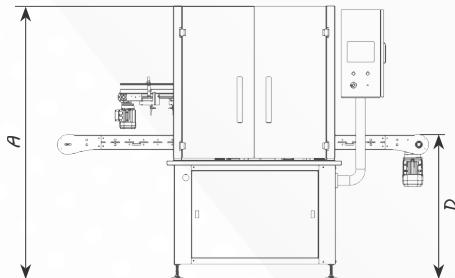
ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

CAPPING MACHINES

5

- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- It provides effective dust protection with its completely closed structure.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE, DI-SONIC
- Pneumatic materials used on the machine IO-LINK SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

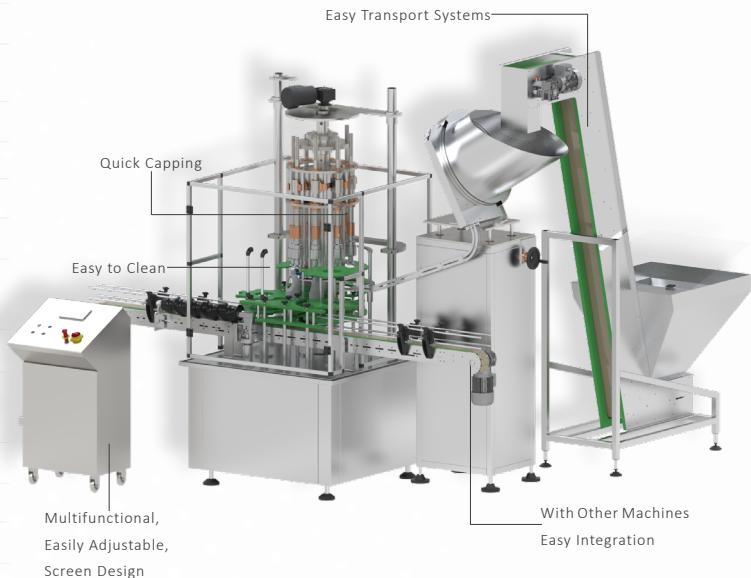
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-C02	2000	2000	1900	950±50



5 CAPPING MACHINES

M-KAP-B01 THREADED ROTARY CAPPING

System	Rotary
Working Principle	Non-stop running
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized aluminum.
Control Unit	Omron veya Beckhoff
Packaging	Plastic, glass, metal
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Closure system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	3 kW
Air Consumption	600 lt/min
Weight	~1600 kg
Capacity	50-200 BPM (varies by packaging)

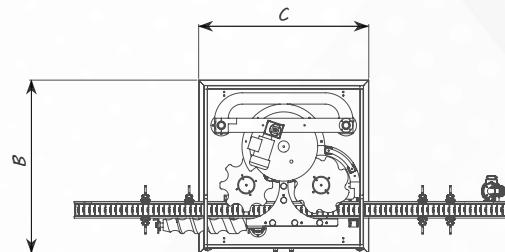
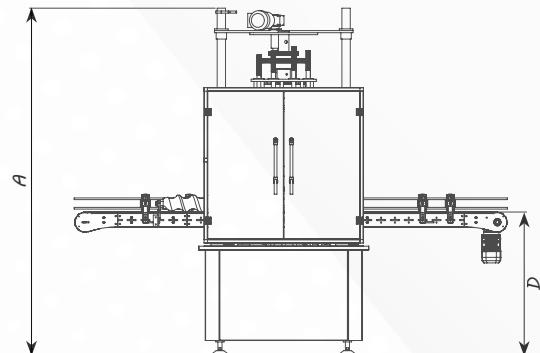


CAPPING MACHINES

5

- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE, DI-SONIC
- Pneumatic materials used on the machine IO-LINK SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

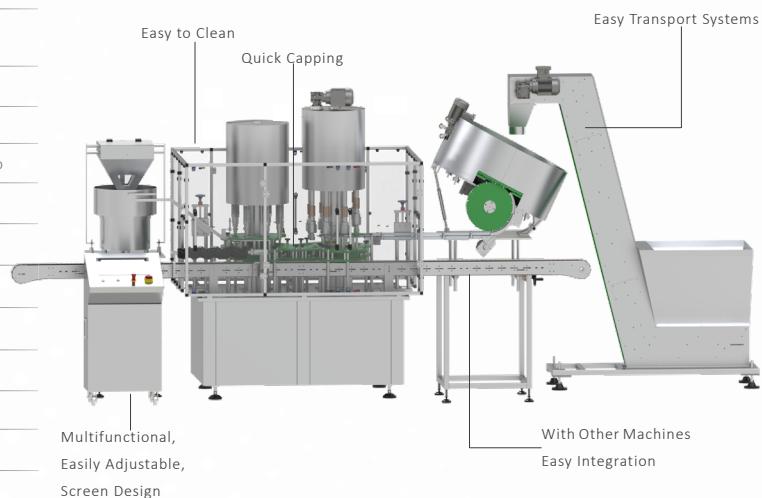
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-B01	2500	1250	1250	950±50



5 CAPPING MACHINES

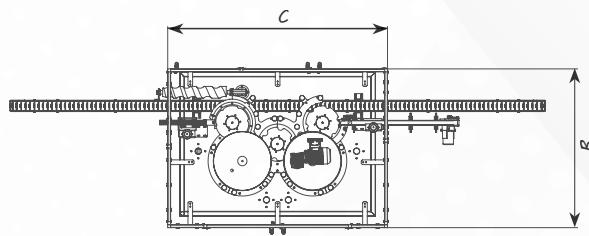
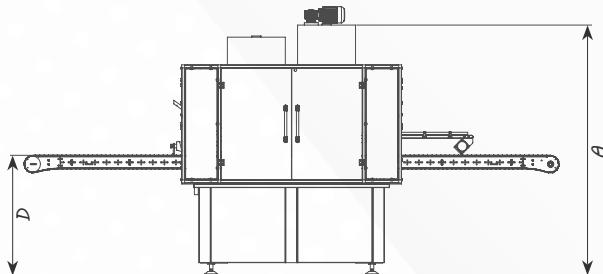
M-KAP-B02 ROTARY PLUG SNAPPING

System	Rotary
Working Principle	Non-stop running
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized aluminum.
Control Unit	Omron veya Beckhoff
Packaging	Plastic, glass, metal
Cap type	Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Closure system	Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	3.5 kW
Air Consumption	600 lt/min
Weight	~1200 kg
Capacity	50-200 BPM (varies by packaging)



- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE, DI-SONIC
- Pneumatic materials used on the machine IO-LINK SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-B02	2150	1350	1900	950±50



5 CAPPING MACHINES

M-KAP-C05 AUTOMATIC SPREY CAPPING AND ROLLING

System	Starred
Working Principle	Stop and Go
Construction	Chassis is stainless steel, all visible surfaces are AISI 304 quality stainless and anodized aluminum
Control Unit	Beckhoff
Packaging	Plastic, glass, metal
Cap type	Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
Closure system	Motorized rolling on or Crimp-on, hammering with piston
Electricity Requirement	380V, 50Hz, 3 phases
Air Requirement	6-8 Bar
Energy Consumption	2.5 kW
Air Consumption	600 lt/min
Weight	~650 kg
Capacity	50 BPM

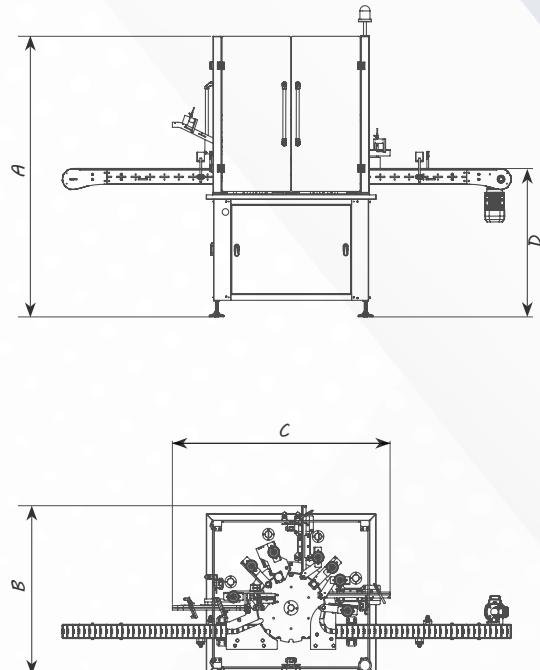


CAPPING MACHINES

5

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" or 15" operator panel
- The machine is specially designed according to the cap and bottle of the customer.
- The capping machine varies according to the type of cap and bottle used.
- Different molds are available according to standard cap sizes and special cap sizes
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- Provides easy integration with other machines
- Transparent plexi protective door security.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness.
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

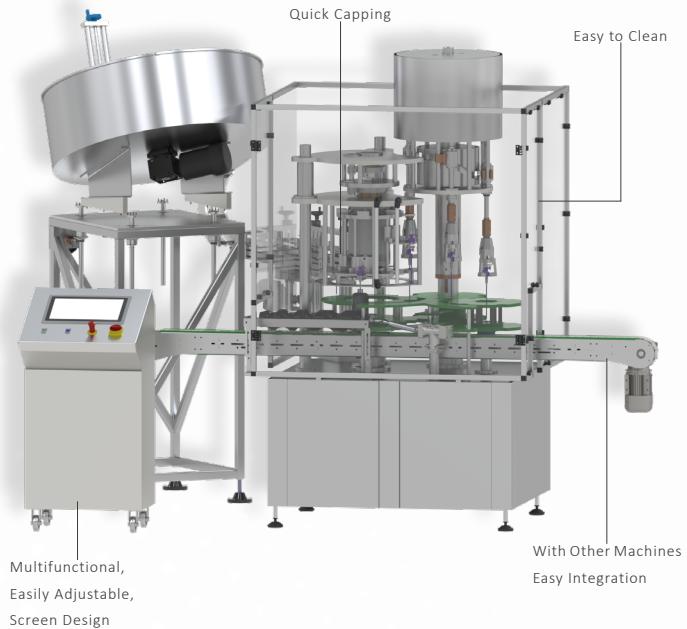
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-C05	2000	1150	1500	950±50



5 CAPPING MACHINES

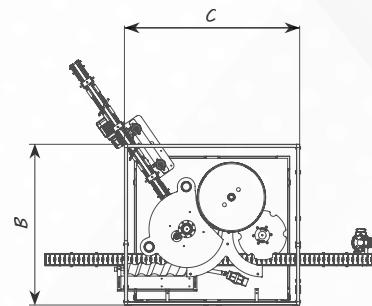
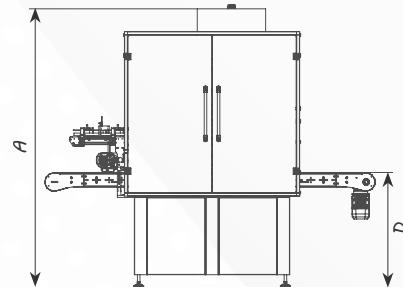
M-KAP-B04 AUTOMATIC PUMP & SPREY CAPPING

System	Rotary
Working Principle	Non-stop running
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized aluminum.
Control Unit	Beckhoff
Packaging	Plastic
Cap type	Threaded
Closure system	Servo or Magnetic torque controlled tightening
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	3.5 kW
Air Consumption	600 lt/min
Weight	~1600kg
Capacity	50-120 BPM (varies according to hose length and package diameter)



- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

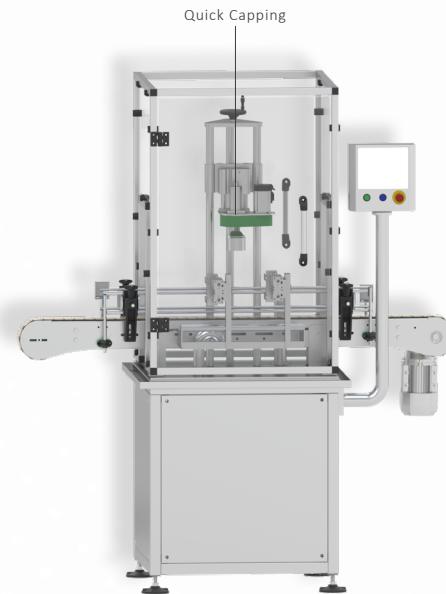
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-B04	2200	1250	1400	950±50



5 CAPPING MACHINES

M-KAP-A03 SEMI AUTO SINGLE SERVO TORQUE CONTROLLED CAPPING

System	Linear
Working Principle	Stop and Go
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized aluminum
Control Unit	Omron
Packaging	Plastic, glass, metal
Cap type	Threaded, snap on
Closure system	Servo or pneumatic tightening, snapping on with piston
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	1 kW
Air Consumption	300 lt/min
Weight	~225 kg
Capacity	50 BPM (varies by packaging)



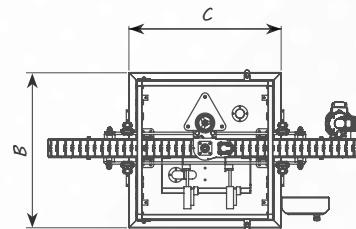
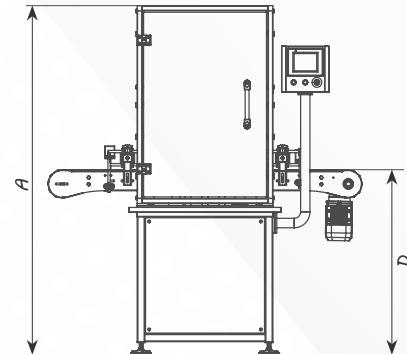
ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

CAPPING MACHINES

5

- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

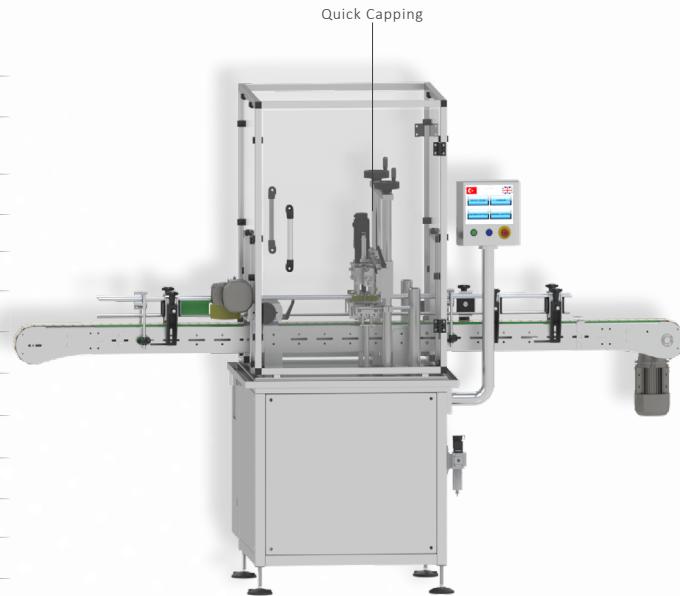
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-A03	1800	800	800	950±50



5 CAPPING MACHINES

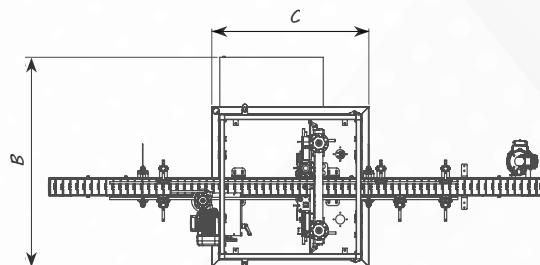
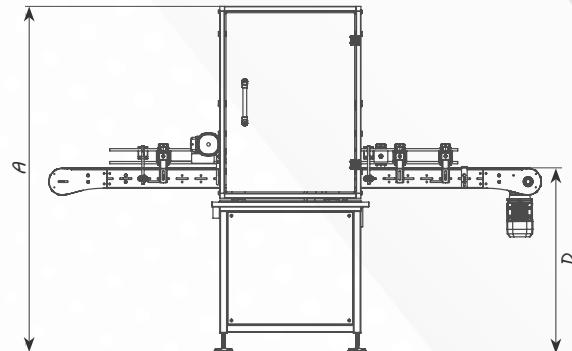
M-KAP-A01 SEMI AUTO SERVO CAPPING

System	Linear
Working Principle	Stop and Go
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized aluminum
Control Unit	Omron
Packaging	Plastic, glass, metal
Cap type	Threaded
Closure system	Servo ile sikma
Electricity Requirement	380V, 50Hz, 3 Phases
Air Requirement	6-8 Bar
Energy Consumption	1.5 kW
Air Consumption	300 lt/min
Weight	~250 kg
Capacity	50 BPM (varies by packaging)



- Advanced easy-to-use Beckhoff PLC control system
- Touchscreen 7" or 15" operator panel
- The capping machine is designed for capping a wide variety of bottles.
- The capping machine provides changes according to the type of cap and bottle used.
- It stops automatically when the caps are tightened to the desired torque.
- Different molds are available according to standard cap sizes and special cap sizes.
- It can be used safely in the pharmaceutical, food, cosmetic and chemical industries.
- It provides easy integration with other machines.
- Transparent plexi protective door security.
- The machine is designed to be easily cleaned.
- Adjustments of the machine are easily made with flywheels and numerators.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- All 304 and 316 stainless materials used on the machine are licensed.
- Easy change in a short time
- Ease of maintenance and service

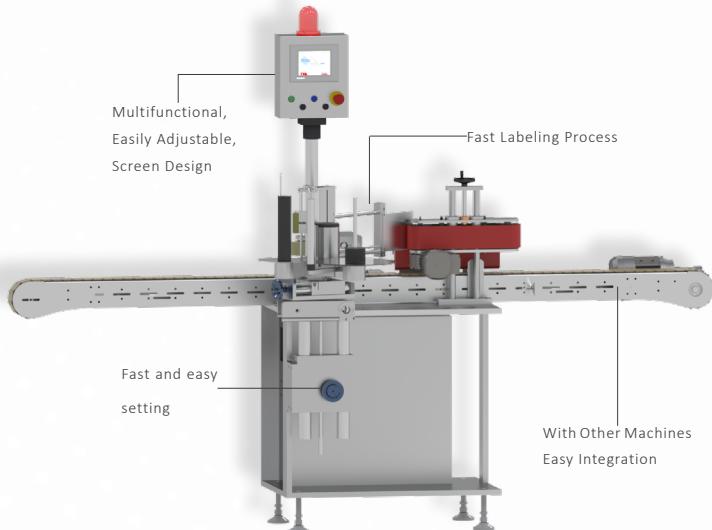
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KAP-A01	1800	1100	850	950±50



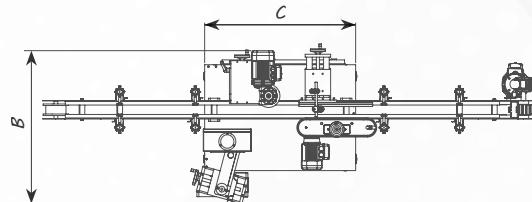
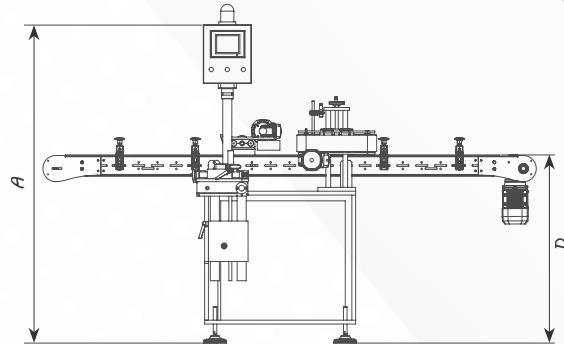
6 LABEL MACHINES

M-ETK-A01 ROUND SURFACE LABEL

System	Linear
Working Principle	Non-stop working
Construction	Chassis is painted aluminum, other surfaces are anodized aluminum.
Control Unit	Omron veya Beckhoff
Packaging	Plastic, glass, metal
Packing Diameter	20-130mm
Module speed	30m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	220V, 50Hz, single phase
Air Requirement	6-8 Bar
Energy Consumption	1.5 kW
Air Consumption	300 lt/min (if necessary)
Weight	~250 kg
Capacity	It varies according to the package diameter and label length.



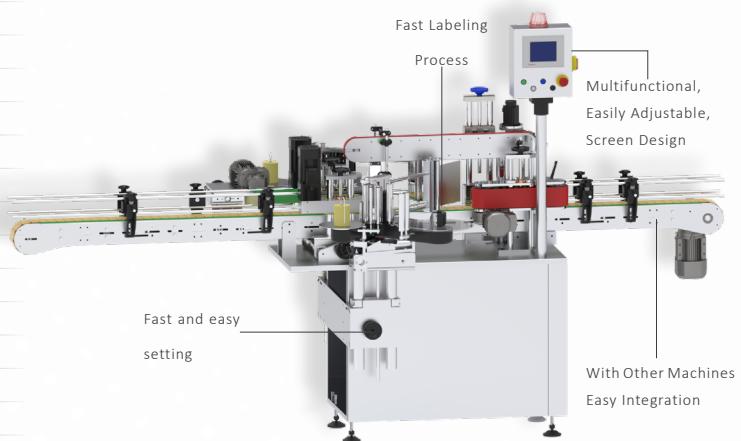
- Advanced easy-to-use Omron/Beckhoff PLC control system
- Touch screen Omron/Beckhoff brand 5/7" operator panel
- Aluminum Structure
- X-Y-Z axis (three-way) adjustable labeling module
- Adjustable start photocell from the screen with offset adjustment
- Selection of photocell suitable for packaging
- Selection of photocell suitable for the label
- Label offset adjustment with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Sensors used on the machine (photocell SICK, KEYENCE)
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service



6 LABEL MACHINES

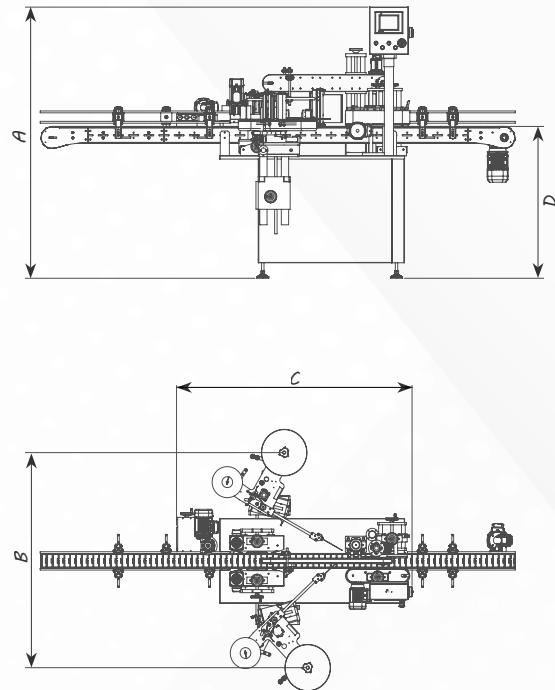
M-ETK-A02 DOUBLE SIDED & ROUND SURFACE LABEL

System	Linear
Working Principle	Non-stop working
Construction	Chassis is painted aluminum, other surfaces are anodized aluminum.
Control Unit	Omron veya Beckhoff
Packaging	Plastic, glass, metal
Packing Diameter	20-130mm
Module speed	30m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	220V, 50Hz, single phase
Air Requirement	6-8 Bar
Energy Consumption	3 kW
Air Consumption	300 lt/min (if necessary)
Weight	~350 kg
Capacity	It varies according to the package diameter and label length.



- Advanced easy-to-use Omron/Beckhoff PLC control system
- Touch screen Omron/Beckhoff brand 5/7" operator panel
- Aluminum Structure
- X-Y-Z axis (three-way) adjustable labeling module
- Adjustable start photocell from the screen with offset adjustment
- Selection of photocell suitable for packaging
- Selection of photocell suitable for the label
- Label offset adjustment with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Sensors used on the machine (photocell SICK, KEYENCE)
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

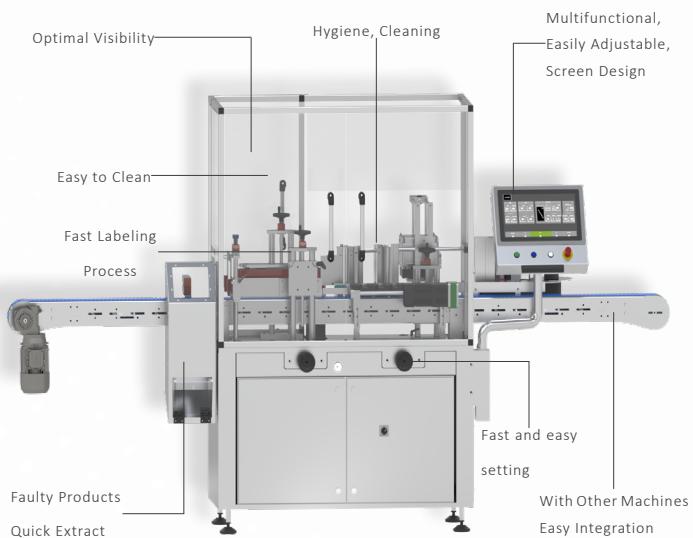
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ETK-A02	1800	1400	1600	950±50



6 LABEL MACHINES

M-ETK-B03 HIGH CAPACITY ROUND SURFACE LABEL

System	Linear
Working Principle	Non-stop working
Construction	Chassis is painted aluminum, other surfaces are anodized aluminum.
Control Unit	Beckhoff
Packaging	Plastic, glass, metal
Packing Diameter	16-100mm
Module speed	50m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	220V, 50Hz, single phase
Air Requirement	6-8 Bar
Energy Consumption	2 kW
Air Consumption	300 lt/min
Weight	~400 kg
Capacity	150 BPM (16mm) It varies according to the package diameter and label length.

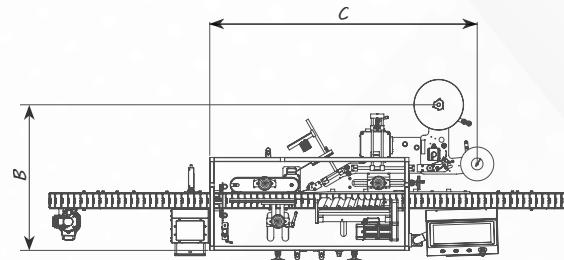
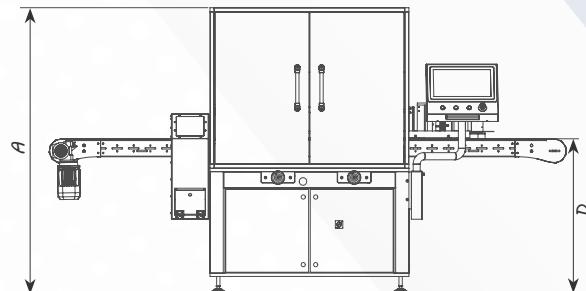


LABEL MACHINES

6

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- OCT single-cable servo motors
- Input full, output full and all sensors on the machine reporting an error on the screen.
- Reporting servo motor temperatures and powers on the screen
- OP System: Over power protection due to wrong setting
- CFR 21 PART 11 Requirements (Optional)
- Audit trail, Data integrity (Optional)
- Thanks to analog cards, all controls are on the screen.
- Aluminum Structure
- X-Y-Z axis (three-way) adjustable labeling module
- Adjustable start photocell from the screen with offset adjustment
- Selection of photocell suitable for packaging
- Selection of photocell suitable for the label
- Label offset adjustment with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Automatic label size recognition and automatic correction of errors
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

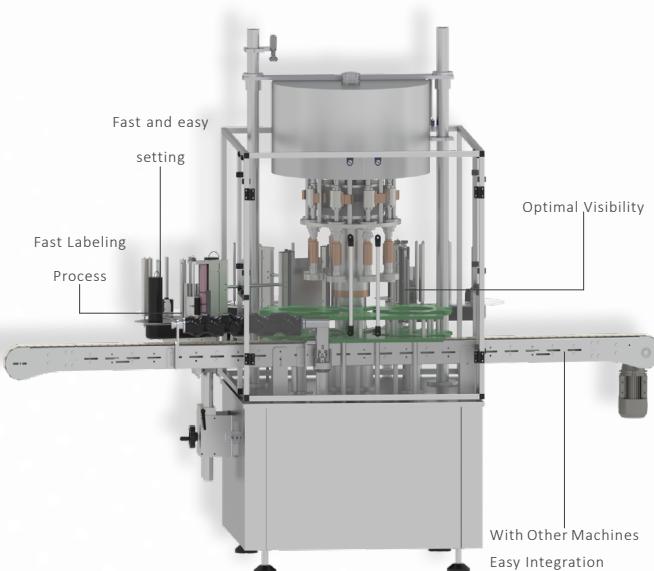
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ETK-B03	1700	1000	1900	950±50



6 LABEL MACHINES

M-ETK-D01 ROTARY LABELING

System	Rotary
Working Principle	Non-stop working
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized.
Control Unit	Beckhoff
Packaging	Plastic, glass, metal
Packing Diameter	*Designed according to the customer's demand.
Module speed	50m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	380V, 50Hz, 3 Phase
Air Requirement	6-8 Bar
Energy Consumption	6,5 kW
Air Consumption	300 lt/min
Weight	~1300 kg
Capacity	It varies according to the package diameter and label length.

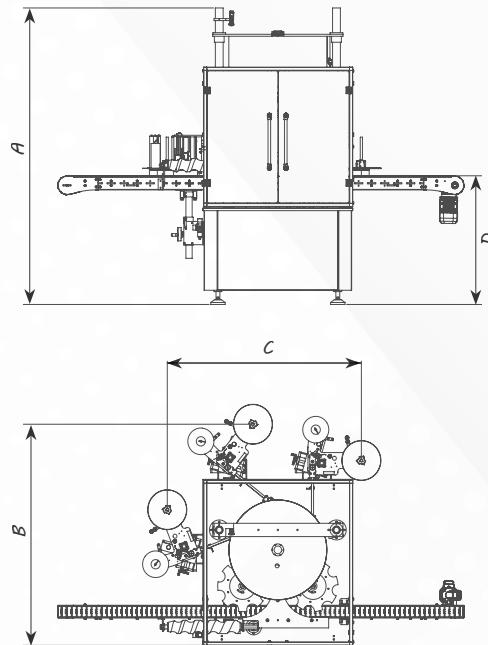


LABEL MACHINES

6

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- OCT Single-cable servo Motors
- Input is full, output is full and all sensors in the machine report an error on the screen.
- Reporting of servo motor temperatures and powers on the screen
- OP System: Over power protection due to wrong setting
- Determining the position with the camera and sticking the label to the desired coordinates
- Ability to use 5 modules, infrastructure suitable for non-stop use
- All Controls On-Screen, thanks to analog cards
- Aluminum Structure
- X-Y-Z axis (three-way) adjustable labeling module
- Adjustable start photocell from the screen with offset adjustment
- Selection of photocell suitable for packaging
- Selection of photocell suitable for the label
- Label offset adjustment with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Automatic label size recognition and automatic correction of errors
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

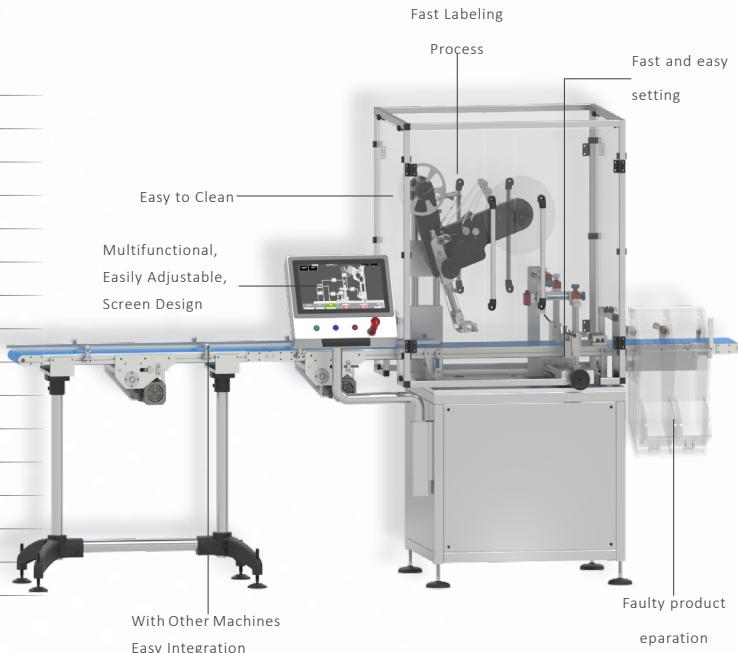
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ETK-D01	2300	1700	1500	950±50



6 LABEL MACHINES

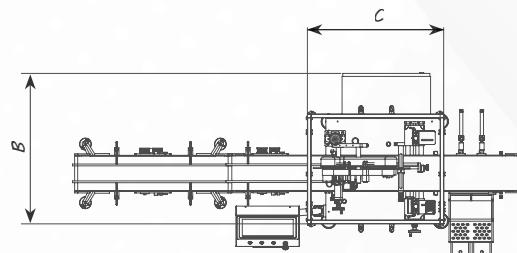
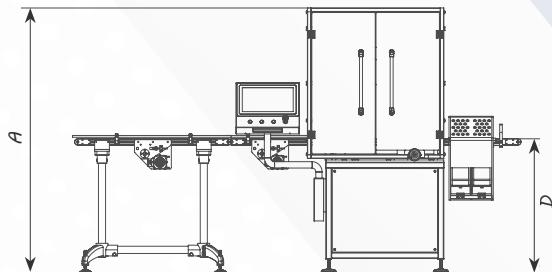
M-ETK-B05 TOP LABELING

System	Linear
Working Principle	Non-stop working
Construction	Chassis is painted aluminum, other surfaces are anodized aluminum.
Control Unit	Beckhoff
Packaging	Cardboard box, plastic, glass, metal
Module speed	50m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	220V, 50Hz, single phase
Air Requirement	6-8 Bar
Energy Consumption	2 kW
Air Consumption	300 lt/min
Weight	~300 kg
Capacity	50-150 BPM it varies depending on the label and packaging.



- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- OCT Single-cable Servo Motors
- Input Full, Output Full and all sensors in the machine report on the screen when there is an error
- Reporting of servo motor temperatures and powers on the screen
- OP System: Over power protection due to wrong setting
- CFR 21 PART 11 Requirements (Optional)
- Audit trail, Data integrity (Optional)
- All Controls On-Screen, thanks to analog cards
- Aluminum Structure
- X-Y-Z axis (three-way) adjustable labeling module
- Adjustable start photocell from the screen with offset adjustment
- Selection of photocell suitable for packaging
- Selection of photocell suitable for the label
- Label offset adjustment with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Automatic label size recognition and automatic correction of errors
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

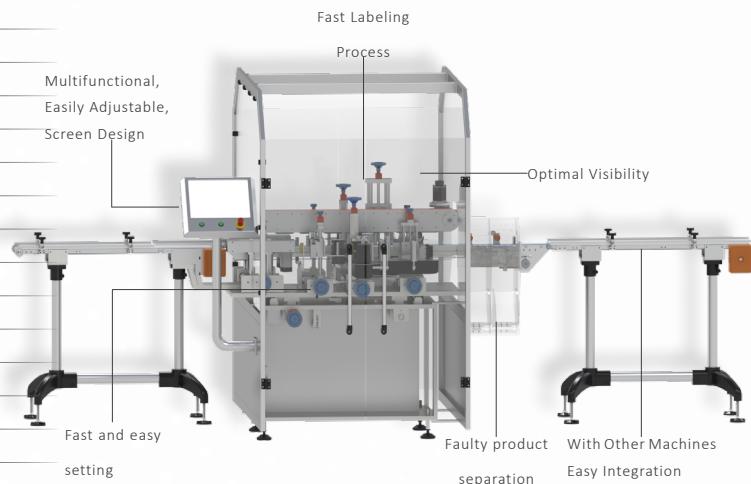
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ETK-B05	1800	1000	1000	950 \pm 50



6 LABEL MACHINES

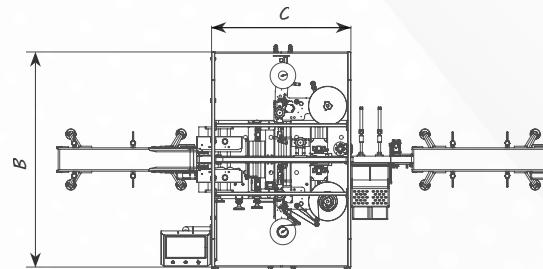
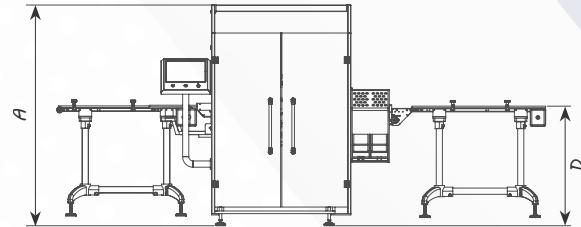
M-ETK-C03 HIGH SPEED BOX LABELING

System	Linear
Working Principle	Non-stop working
Construction	Chassis is painted aluminum, other surfaces are anodized aluminum.
Control Unit	Beckhoff
Packaging	Carton box
Module speed	50m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	380V, 50Hz, 3 phase
Air Requirement	6-8 Bar
Energy Consumption	3.5 kW
Air Consumption	300 lt/min
Weight	~450 kg
Capacity	400 BPM depending on label and packaging.



ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- OCT Single-cable Servo Motors
- Input Full, Output Full and all sensors in the machine report on the screen when there is an error
- Reporting servo motor temperatures and powers on the screen
- OP System: Over power protection due to wrong setting
- CFR 21 PART 11 Requirements (Optional)
- audit trail; Data integrity (Optional)
- All Controls On-Screen Thanks to Analog Cards
- Aluminum Structure
- Labeling module with X-Y-Z axis (three-way) adjustable
- Adjustable start photocell from the screen with offset adjustment
- Photocell selection suitable for packaging
- Photocell selection suitable for the label
- Setting label offset with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Automatic label size recognition and automatic correction of errors
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC,FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

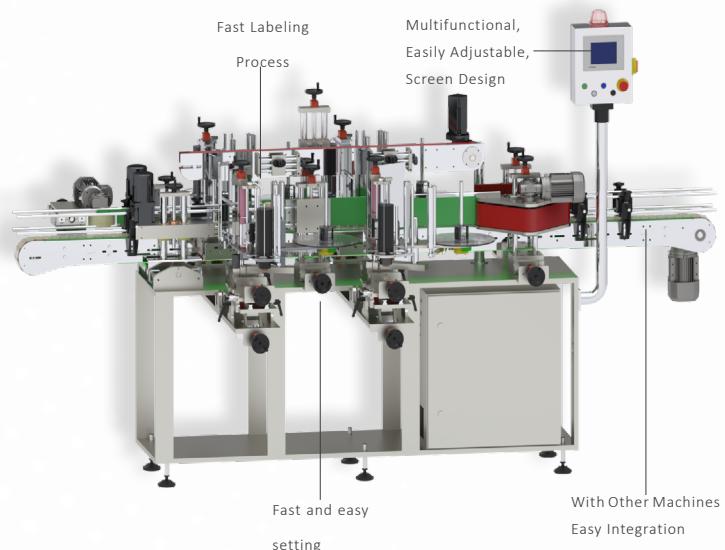


Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ETK-C03	1750	1700	1100	950±50

6 LABEL MACHINES

M-ETK-A04 AUTOMATIC LINEAR DOUBLE-SIDED & ROUND SURFACE SELF LABELING (NON-STOP)

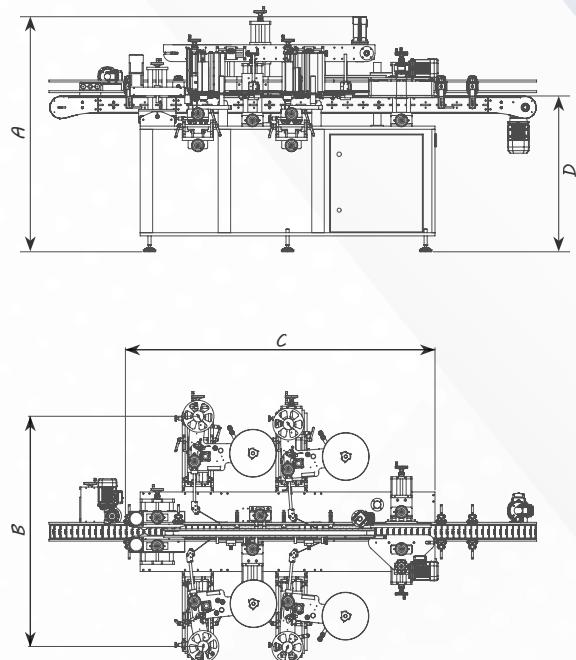
System	Linear
Working Principle	Non-stop working
Construction	Chassis is painted aluminum, other surfaces are anodized aluminum.
Control Unit	Beckhoff
Packaging	Plastic, glass, metal
Packing Diameter	20-130 mm
Module speed	50m/dk Servo motor driven
Label type	Self-adhesive (sticker)
Label height	20mm-150mm / 20mm-230mm (only option available on machine)
Roll inner diameter	74mm
Roll outer diameter	300mm
Electricity Requirement	220V, 50Hz, single phase
Air Requirement	6-8 Bar
Energy Consumption	6 kW
Air Consumption	200 lt/min
Weight	~550 kg
Capacity	120 BPM (varies based on packaging diameter and label length)



ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 7" or 15" operator panel
- OCT Single-cable Servo Motors
- Input Full, Output Full and all sensors in the machine report on the screen when there is an error
- Reporting servo motor temperatures and powers on the screen
- OP System: Over power protection due to wrong setting
- CFR 21 PART 11 Requirements (Optional)
- Audit trail ,Data integrity (Optional)
- All Controls On-Screen Thanks to Analog Cards
- Aluminum Structure
- Labeling module with X-Y-Z axis (three-way) adjustable
- Adjustable start photocell from the screen with offset adjustment
- Photocell selection suitable for packaging
- Photocell selection suitable for the label
- Setting label offset with label offset
- Rewind system suitable for high speeds
- Maximum label slip ($\pm 1\text{mm}$)
- Automatic label size recognition and automatic correction of errors
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)	D (mm)
M-ETK-A04	1500	1500	2000	950 \pm 50

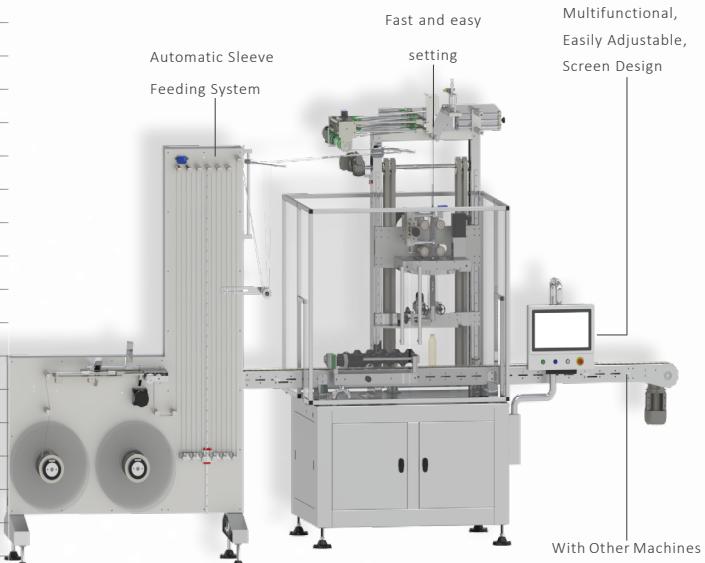


7

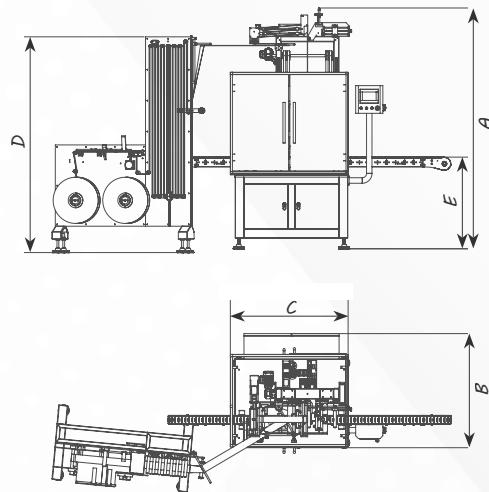
BODY SLEEVE MACHINES

M-SLV-A02 HIGH CAPACITY BECKHOFF BODY SLEEVE

System	Linear
Working Principle	Non-stop working
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized.
Control unit	Beckhoff
Packaging	Plastic, glass, metal
Packing diameter	35-130mm
Packing height	40-300mm
Sleeve	Pet,Pvc
Sleeve thickness	30μ-70μ
Sleeve height	35mm-300mm
Sleeve roll inner diameter	127mm
Sleeve roll outer diameter	500mm
Blade cutting diameters	35-55 / 55-105 / 105-130mm (Only one option is available on the machine)
Error rate	± 0,8
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	4kW
Air consumption	300 lt/min
Weight	~900kg
Capacity	Two different models are produced as 200 and 400 BPM capacities in 100mm.



- Advanced easy-to-use Beckhoff brand PLC control system
- Touch screen 15" operator panel
- An easy-to-change double-coil magazine is used for sleeve feeding. When the sleeve decreases, the machine speed slows down. After the change, acceleration is achieved with a single button.
- Machine height adjustment with automatic motor control
- Hourly capacity can be changed at the time of operation and the machine will automatically change sleeve pulling speed, blade cutting speed, throwing speed, conveyor speed, separator (helical) speed, sensor sensing distance according to the target capacity.
- Infinitely variable speed helical sorter
- SERVO motor driven rotary steel blade set with high cutting speed, easy to change
- SERVO motor driven sleeve pulling rollers
- SERVO motor driven sleeve take-up rollers
- Tension system to facilitate sleeve flow
- Automatic sleeve feeding system from roll
- Easy change in a short time and easy recall of parameters from PLC memory according to different packages
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC,FESTO
- All gearboxes used on the machine are Bonfiglioli
- Easy change in a short time
- Ease of maintenance and service



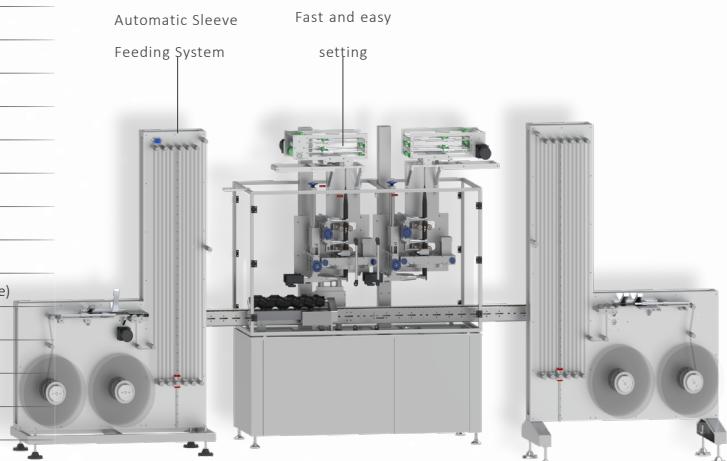
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
M-SLV-A02	2650	1250	1350	2250	950±50

7

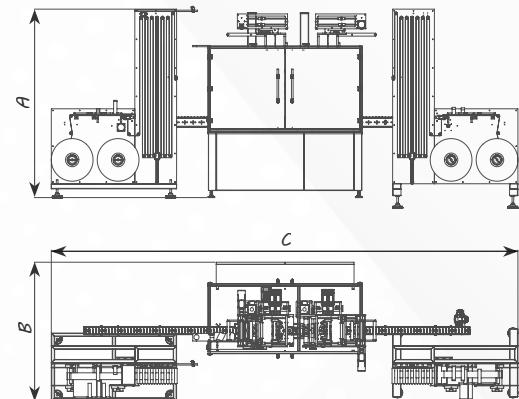
BODY SLEEVE MACHINES

M-SLV-A03 DOUBLE HEAD HIGH CAPACITY BECKHOFF BODY SLEEVE

System	Linear
Working Principle	Non-stop working
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized.
Control unit	Beckhoff
Packaging	Plastic, glass, metal
Packing diameter	35-130mm
Packing height	40-300mm
Sleeve	Pet,Pvc
Sleeve thickness	30μ-70μ
Sleeve height	35mm-300mm
Sleeve roll inner diameter	127mm
Sleeve roll outer diameter	500mm
Blade cutting diameters	35-55 / 55-105 / 105-130mm (Only one option is available on the machine)
Error rate	± 0,8
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	8 kW
Air consumption	300lt/dk
Weight	~1500kg
Capacity	Up to 1000 BPM at 100mm



- Advanced easy-to-use Beckhoff brand PLC control system
- Touch screen 15" operator panel
- An easy-to-change double-coil magazine is used for sleeve feeding. When the sleeve decreases, the machine speed slows down. After the change, acceleration is achieved with a single button.
- Machine height adjustment with automatic motor control
- Hourly capacity can be changed at the time of operation and the machine will automatically change sleeve pulling speed, blade cutting speed, throwing speed, conveyor speed, separator (helical) speed, sensor sensing distance according to the target capacity.
- Infinitely variable speed helical sorter
- SERVO motor driven rotary steel blade set with high cutting speed, easy to change
- SERVO motor driven sleeve pulling rollers
- SERVO motor driven sleeve take-up rollers
- Tension system to facilitate sleeve flow
- Automatic sleeve feeding system from roll
- Easy change in a short time and easy recall of parameters from PLC memory according to different packages
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors (photocell) used on the machine SICK, KEYENCE
- Pneumatic materials used on the machine SMC,FESTO
- All gearboxes used on the machine are Bonfiglioli
- Easy change in a short time
- Ease of maintenance and service



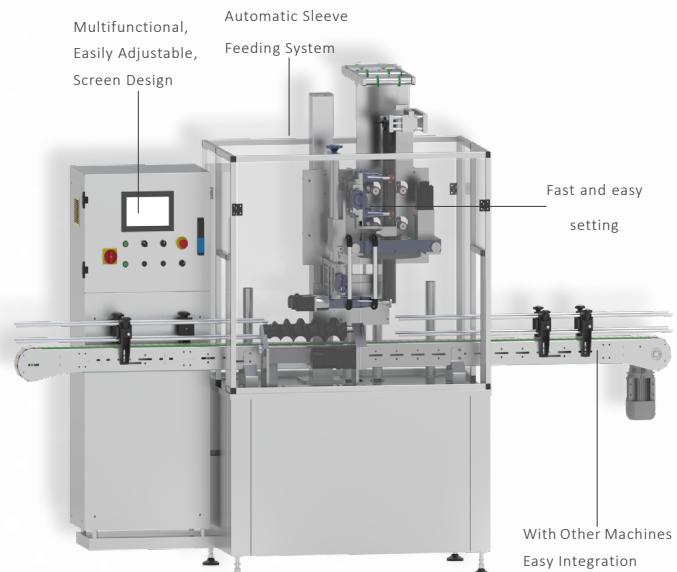
Model	A (mm)	B (mm)	C (mm)
M-SLV-A03	2250	1650	6000

7

BODY SLEEVE MACHINES

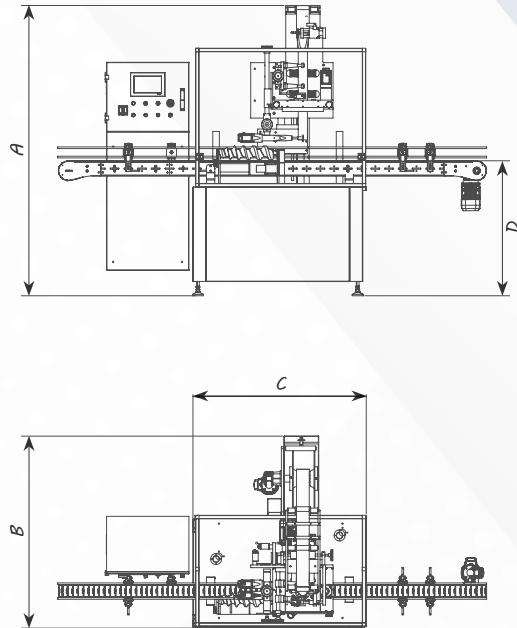
M-SLV-A01 LOW CAPACITY BODY SLEEVE

System	Linear
Working Principle	Non-stop working
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized.
Control unit	Omron
Packaging	Plastic, glass, metal
Packing diameter	35-130mm
Packing height	40-300mm
Sleeve	Pet,Pvc
Sleeve thickness	30 μ -70 μ
Sleeve height	35mm-300mm
Sleeve roll inner diameter	127mm
Sleeve roll outer diameter	400mm
Blade cutting diameters	35-55 / 55-105 / 105-130mm (Only one option is available on the machine)
Error rate	$\pm 0,8$
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	4kW
Air consumption	300lt/min
Weight	~600kg
Capacity	Up to 200 BPM at 100mm



- Advanced easy-to-use Omron brand PLC control system
- Touch screen 7" operator panel
- Infinitely variable speed helical sorter
- SERVO motor driven rotary steel blade set with high cutting speed, easy to change
- SERVO motor driven sleeve pulling rollers
- SERVO motor driven sleeve take-up rollers
- Air blower fan system that facilitates sleeve flow
- Easy change in a short time and easy recall of parameters from PLC memory according to different packages
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All gearboxes used on the machine are Bonfiglioli
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)	D (mm)
M-SLV-A01	2150	1400	1300	950±50

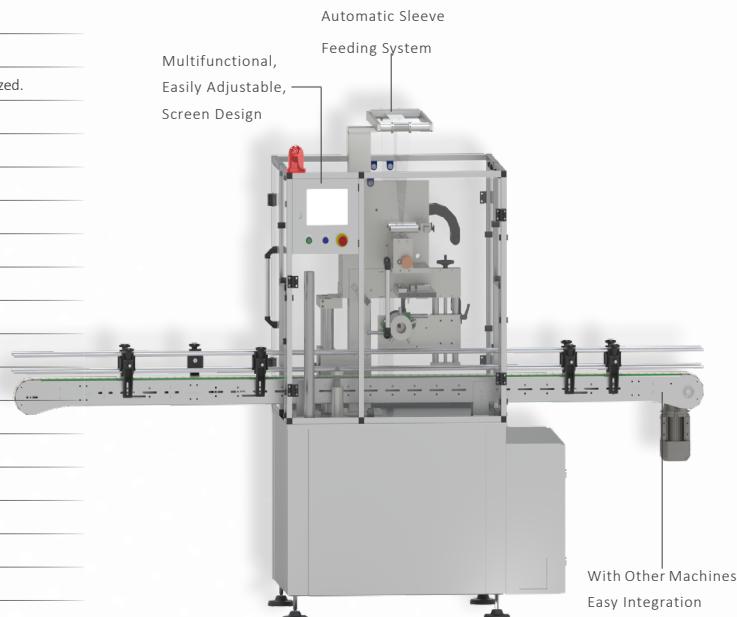


7

SAFETY TAPE MACHINES

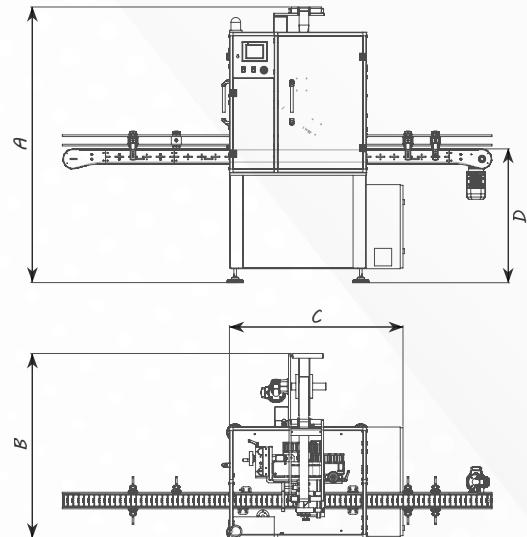
M-SLVD-A01 SAFETY TAPE

System	Linear
Working Principle	Non-stop working
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless and anodized.
Control unit	Omron
Packaging	Plastic, glass, metal
Packing diameter	30-80mm
Packing height	max : 300mm
Sleeve	Pet,Pvc
Sleeve thickness	40μ-80μ
Sleeve height	50-140mm (folded)
Sleeve roll inner diameter	30-60mm
Sleeve roll outer diameter	127mm
Blade cutting diameters	400mm
Error rate	± 0,8
Electricity requirement	220V, 50Hz, single phase
Air requirement	6-8 bar
Energy consumption	1.1kW
Air consumption	200lt/dk
Weight	~900 kg
Capacity	It varies according to sleeve length and package diameter.



- Advanced easy-to-use Omron/Beckhoff PLC control system
- Touch screen Omron/Beckhoff 5/7" operator panel
- Machine height adjustment manual
- Packing sorter star with adjustable speed
- Easy-to-change pneumatic steel blade set with high cutting speed
- SERVO motor driven sleeve pulling rollers
- SERVO motor driven vacuum sleeve positioning
- Electrostatic prevention and improved vacuuming system that facilitates sleeve flow
- Automatic sleeve feeding system from roll
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging
- Quiet operation without using compressed air
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All gearboxes used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)	D (mm)
M-SLVD-A01	2000	1350	1300	950±50



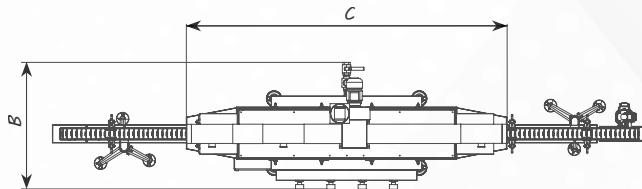
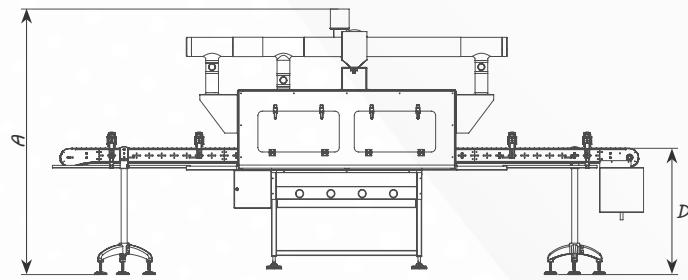
8 STEAM TUNNELS

M-TNL-A01 STEAM TUNNEL

System	Linear
Working Principle	Non-stop working
Construction	Chassis and all surfaces are AISI 304 quality stainless steel
Packaging	Glass, Plastic, PET, PE
Packing diameter	max:130mm
Packing height	Max:300mm
Control unit	Omron
Steam Nozzle	4-6-8 Set (Optional according to capacity)
Vapor Pressure	4 Bar (Vapor pressure used in the tunnel ≥ 2bar)
Steam Inlet	1"
Steam Usage	2-2.5 kg/min (depends on product features)
Required Generator Power	85 kW(varies according to product specifications)
Electricity requirement	220V, 50Hz
Energy consumption	0,5kW
Weight	~280kg
Capacity	It varies according to the product and packaging features.



- Conveyor system with automatic or manual speed adjustment
- Synchronous operation with sleeve machine
- 4-6-8 steam adjustment valves (Optional)
- 2 independently adjustable sections
- Steam is sucked in and removed from the system
- More efficient working and quality surface is obtained compared to the resistance tunnel system.
- Easy change in a short time
- Ease of maintenance and service

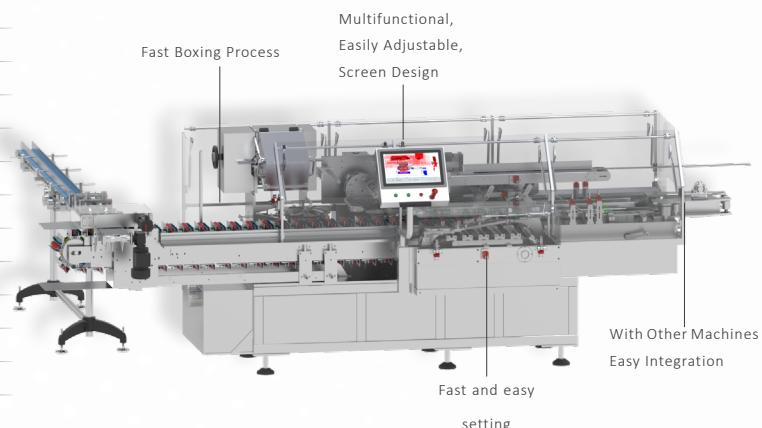


Model	A (mm)	B (mm)	C (mm)	D (mm)
M-TNL-A01	2100	1100	2600	950±50
M-TNL-A02	2100	1100	3200	950±50
M-TNL-A03	2100	1100	4200	950±50

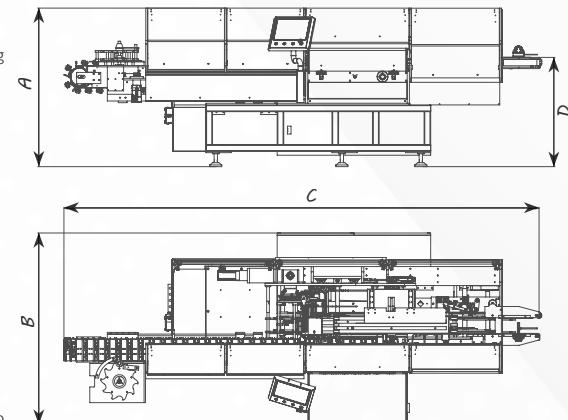
9 BOXING MACHINES

M-KTM-B01 HORIZONTAL BOXING

System	Linear
Working Principle	Non-stop working
Construction	Chassis is stainless steel, other visible surfaces are anodized aluminum
Control unit	Beckhoff
Packaging	Plastic, glass, metal
Box width	30-80mm (Can be designed according to customer's product)
Box width	20-70mm (Can be designed according to customer's product)
Box height	50-200mm (Can be designed according to customer's product)
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	3kW
Air consumption	200lt/min
Weight	~1500kg
Capacity	50-150 BPM (may vary depending on product and box.)



- Advanced easy-to-use Beckhoff brand PLC control system
- Touch screen 15" operator panel
- Working with Guk
- Motion Control 1 ms cycle time
- OCT Single-cable servo motors
- Scada Display
- Unlimited Recipes
- Remote Access: the ability to access and interfere with machine screens from your desk or being able to see the production quantities.
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging
- Safety contact door and emergency stop
- On-screen reporting of servo motor temperatures and powers
- Automatic acceleration and deceleration according to the input product amount
- OP System: Over power protection due to wrong setting, safe operation with torque control
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Thanks to analog cards, all controls are on the screen.
- Fault display with graphics
- Fault description in setting language
- Graphically defined money for easy setting
- meters
- Box length and width change with a single mechanical adjustment
- motorized box carrier
- Box carriers with millimeter counters
- Jog mode
- Dry vacuum pump
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All gearboxs used on the machine are Bonfiglioli.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Easy change in a short time
- Ease of maintenance and service

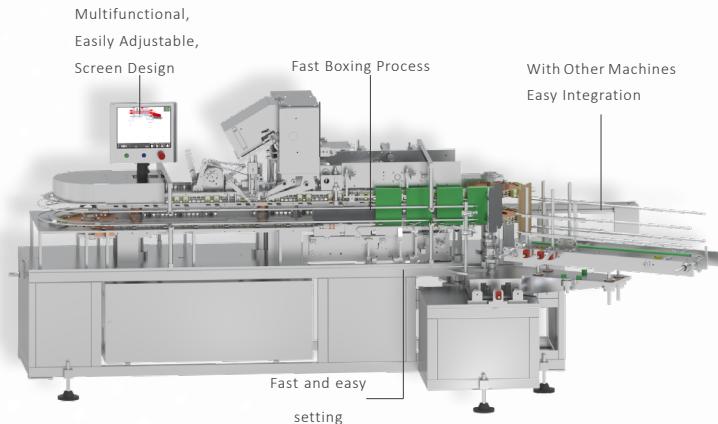


Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KTM-B01	1400	1550	4300	950±50

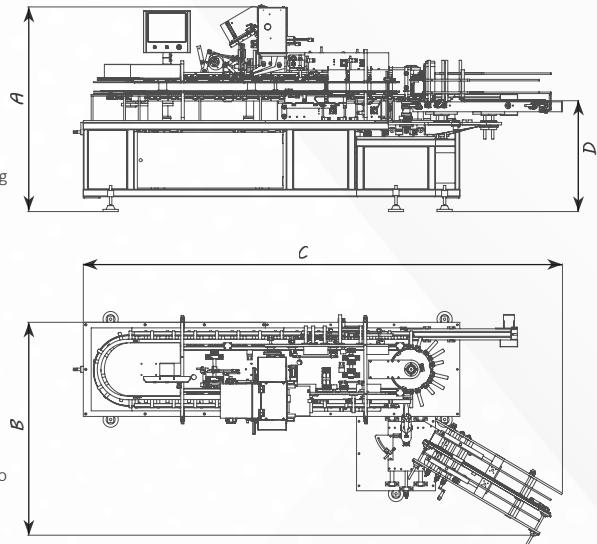
9 BOXING MACHINES

M-KTM-A01 VERTICAL BOXING

System	Linear
Working Principle	Stop Start or Non-Stop
Construction	Chassis is stainless, other visible surfaces are anodized aluminum
Control unit	Beckhoff
Packaging	Glass, Plastic, Metal
Box width	22-120 mm (Can be designed according to customer's product)
Box width	20-60 mm (Can be designed according to customer's product)
Box height	70-200 mm (Can be designed according to customer's product)
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	3 kW
Air consumption	200 lt/min
Weight	~1100kg
Capacity	50-60 BPM (depends on feeding)



- Advanced easy-to-use Beckhoff brand PLC control system
- Touch screen 15" operator panel
- Working with Guk
- Motion Control 1 ms cycle time
- OCT Single-cable servo motors
- Scada Display
- Unlimited Recipes
- Remote Access: the ability to access and interfere with machine screens from your desk or being able to see the production quantities.
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging
- Safety contact door and emergency stop
- On-screen reporting of servo motor temperatures and powers
- OP System: Over power protection due to wrong setting, safe operation with torque control
- Low electricity consumption and quiet operation thanks to variable conveyor speed
- Thanks to analog cards, all controls are on the screen.
- Fault display with graphics
- Fault description in setting language
- Graphically defined parameters for easy adjustment
- Box length and width change with a single mechanical adjustment
- motorized box carrier
- Box carriers with millimeter counters
- jog mode
- dry vacuum pump
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All gearboxes used on the machine are Bonfiglioli.
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Easy change in a short time
- Ease of maintenance and service

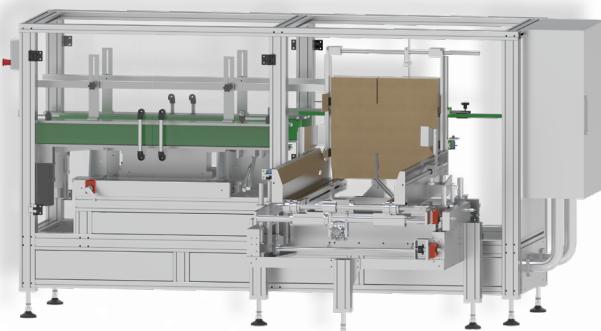


Model	A (mm)	B (mm)	C (mm)	D (mm)
M-KTM-A01	1700	1800	4000	950±50

10 PACKAGING MACHINES

M-KAC-A01 BOX OPENING

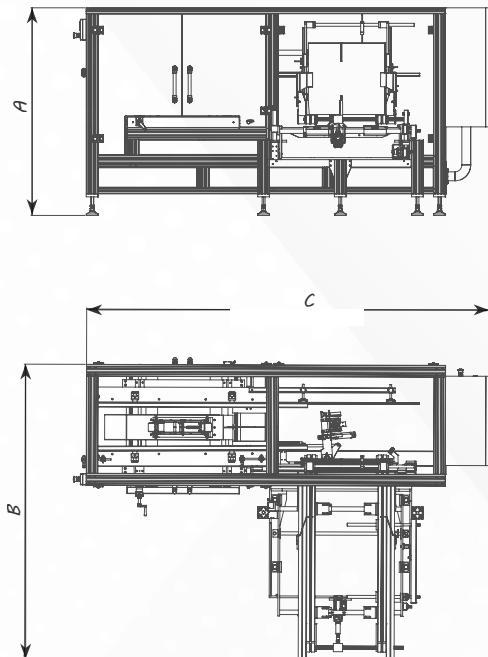
System	Linear
Working Principle	Non-stop working
Construction	Chassis is aluminum, other visible surfaces are anodized aluminum
Control unit	Beckhoff
Packaging	RSC parcel
Box width	300 mm (Can be designed according to customer's product)
Box length	400 mm (Can be designed according to customer's product)
Box height	350 mm (Can be designed according to customer's product)
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	1 kW
Air consumption	800 lt/min
Weight	~500kg
Capacity	10-15 BPM



ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

- Advanced easy-to-use Beckhoff/Omron brand PLC control system
- Touch screen 7" operator panel or integrated into the cartoning machine
- Manual size adjustment for different box sizes
- Automatic, with box top cover closure
- With side drag straps, Total of 2
- Drag belt speed 21 meters/minute
- Top and Bottom K12 taping dispensers (K11 taping dispenser support is available)
- Height adjustable aluminum feet between 480-820mm for working height
- Speed regulator on top cover closing pistons
- Gradual top cover closure with 2 pistons
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)
M-KAC-A01	1400	1900	2200



10 PACKAGING MACHINES

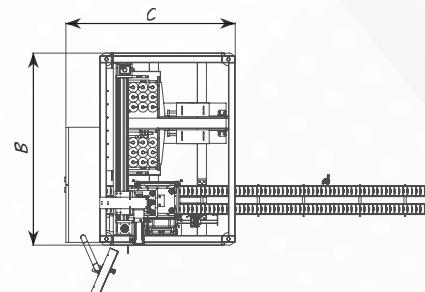
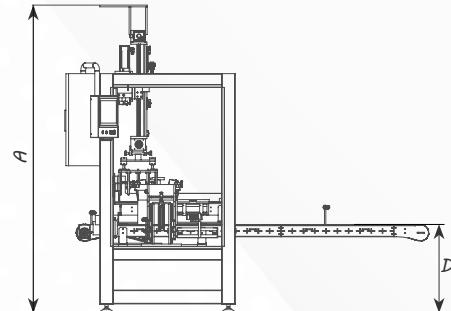
M-OKM-A01 BOTTLE PACKAGING

System	Linear
Working Principle	Standing working
Construction	Chassis is stainless steel, other surfaces are AISI 304 and anodized aluminum
Control unit	Beckhoff
Packaging	Glass, Plastic, Metal
Packing width	300 mm (Can be designed according to customer's product)
Packing length	400 mm (Can be designed according to customer's product)
Packing height	350 mm (Can be designed according to customer's product)
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 Bar
Energy consumption	4 kW
Air consumption	500 lt/min
Weight	~1100kg
Capacity	10-15 BPM



- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- Use of corrugated cardboard
- Boxing of packages of different sizes in the same machine
- Easy mold change and fine adjustment
- The bottle holder is in such a way that it will not damage the safety band.
- Box counting system
- Fault and fault point are displayed graphically on the digital screen.
- Easy maintenance of pneumatic components
- Infrastructure suitable for carrying with vacuum or gripper
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging.
- Quiet operation without using compressed air
- Project specific vacuum generator
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All gearboxs used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)	D (mm)
M-OKM-A01	3200	1800	1500	950±50



10 PACKAGING MACHINES

M-OKM-B01 BOX PACKING

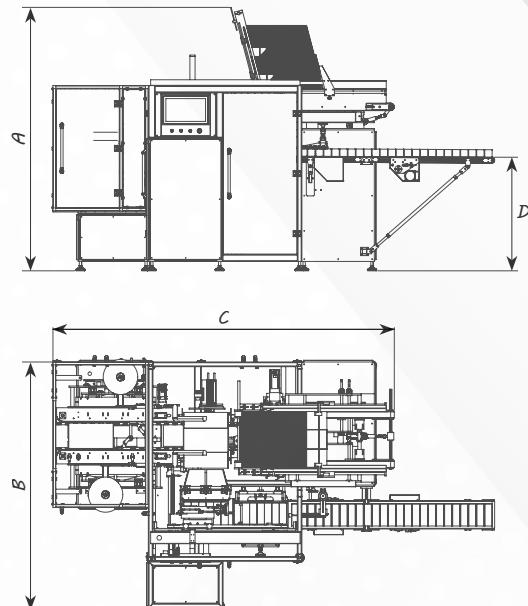
System	Linear
Working Principle	Standing working
Construction	Chassis is stainless steel, other surfaces are AISI 304 and anodized aluminum
Control unit	Beckhoff
Packaging	Glass, Plastic, Metal
Packing width	320 mm (Can be designed according to customer's product)
Packing length	380 mm (Can be designed according to customer's product)
Packing height	250 mm (Can be designed according to customer's product)
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 Bar
Energy consumption	4 kW
Air consumption	500 lt/min
Weight	~900kg
Capacity	10-15 BPM



ELEKTROMAG MACHINE | +90 (212) 421 37 31 | www.elektromag.com.tr - sales@elektromag.com.tr

- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- Use of corrugated cardboard
- Boxing of packages of different sizes in the same machine
- Easy mold change and fine adjustment
- High speed box sorting system
- Box counting system
- Fault and fault point are displayed graphically on the digital screen.
- Easy maintenance of pneumatic components
- Variable multiple speed with servo motor
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging.
- Quiet operation without using compressed air
- Transport system solutions suitable for the project
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

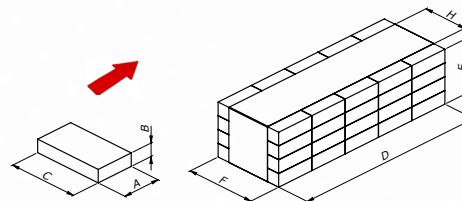
Model	A (mm)	B (mm)	C (mm)	D (mm)
M-OKM-B01	2300	2150	3000	950±50



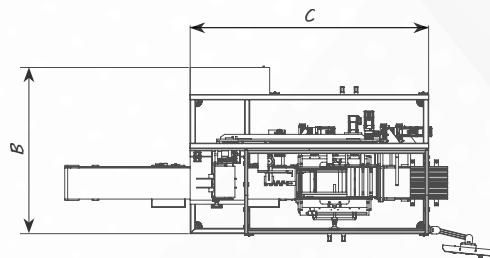
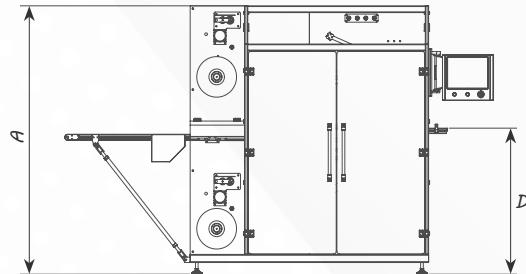
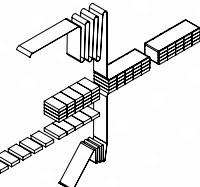
10 PACKAGING MACHINES

M-BUN-A01 BUNDLE

System	Linear
Working Principle	Standing working
Konstrüksiyon	Chassis is stainless steel, other visible surfaces are AISI 304 and anodized aluminum
Kontrol ünitesi	Beckhoff
Ambalaj	Box
A ölçüsü	20-200 mm (Can be designed according to customer's product)
B ölçüsü	12-85 mm (Can be designed according to customer's product)
C ölçüsü	50-220 mm (Can be designed according to customer's product)
D ölçüsü	85-520 mm (Can be designed according to customer's product)
E ölçüsü	24-300 mm (Can be designed according to customer's product)
F ölçüsü	50-220 mm (Can be designed according to customer's product)
H ölçüsü	40-150 mm (Can be designed according to customer's product)
Hava gereksinimi	4-6 Bar
Enerji tüketimi	3.5 kW
Hava tüketimi	300 lt/min
Ağırlık	~800kg
Kapasite	20-25 BPM



- Advanced easy-to-use Beckhoff brand PLC control system
- Touch screen 15" operator panel
- Extremely compact and easy to use design
- Packing of packages of different sizes in the same machine
- Easy blade change and adjustment
- Ability to work at high speeds
- Fault and fault point are displayed graphically on the digital screen.
- Easy maintenance of pneumatic components
- Variable multiple speed with servo motor
- Easy change in a short time and easy recall of parameters from PLC memory according to packaging
- The feature of not working when the inlet is empty, the outlet is full and there is no packaging.
- Transport system solutions suitable for the project
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service



Model	A (mm)	B (mm)	C (mm)	D (mm)
M-OKM-B01	2000	1250	1800	1000±50

11

PALLETING MACHINES

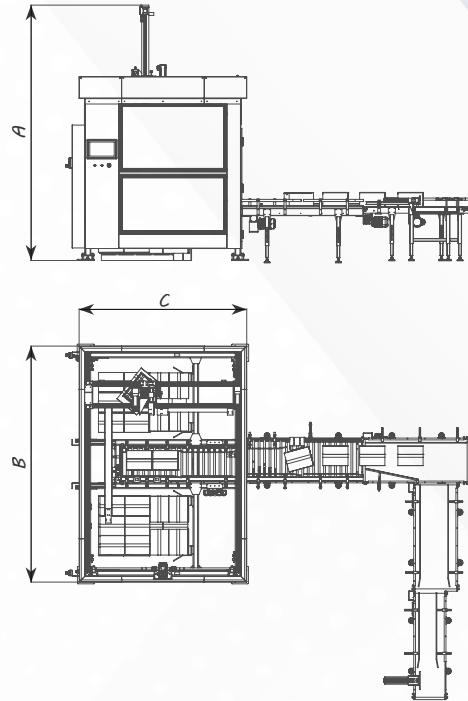
M-PAL-A01 PALLETING

System	Linear
Working Principle	Stop and Go
Construction	Chassis painted steel
Control unit	Beckhoff
Packaging	Koli
Box width	300 mm (Can be designed according to customer's product)
Box length	400 mm (Can be designed according to customer's product)
Box height	350 mm (Can be designed according to customer's product)
Pallet dimensions	800x1200 , 1000x1200 mm
Electricity requirement	380V,50Hz,3 Phase
Air requirement	6-8 bar
Energy consumption	4 kW
Air consumption	600 lt/min
Weight	~2500kg
Capacity	10-15 BPM



- Advanced easy-to-use Beckhoff PLC control system
- Touch screen 15" operator panel
- Position identification with the remote
- Precise positioning in all axes with jog mode
- Remote Access: the ability to access and interfere with machine screens from your desk or being able to see the production quantities
- Safety barriers with high safety standards
- Motion Control 1 ms cycle time
- OCT Single-cable servo motors
- Scada Display
- Unlimited Recipes
- Absolute Encoder Beckhoff Servo motors
- Reporting servo motor temperatures and powers on the screen
- OP System Over power protection due to wrong setting
- Thanks to analog cards, all controls are on the screen.
- Fault display with graphics
- Fault definitions in the setting language
- Do not log fault history
- Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness
- Sensors used on the machine (photocell) SICK, KEYENCE
- Pneumatic materials used on the machine SMC, FESTO
- All reducers used on the machine are Bonfiglioli.
- Easy change in a short time
- Ease of maintenance and service

Model	A (mm)	B (mm)	C (mm)
M-PAL-A01	4400	2500	3200



12

FEEDING AND COLLECTING MACHINE

M-DTT-A01 ve M-DTB-A01 ROTATING TRAY

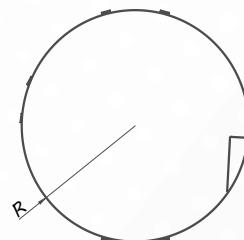
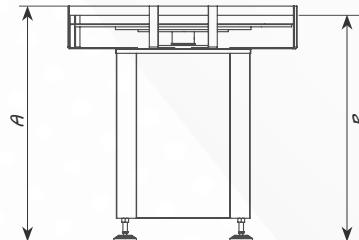
System	Rotary
Working Principle	Non-stop working
Construction	Chassis is steel, all visible surfaces are AISI 304 quality stainless
Packaging	Glass, Plastic, PET, PE
Control unit	Omron
Ambalaj çapı	max:130mm
Ambalaj yüksekliği	Max:300mm
Electricity requirement	220V, 50Hz
Energy consumption	0,5kW
Weight	~250kg
Capacity	Varies by packaging



FEEDING AND COLLECTING MACHINE

12

- Adjustable speed with pot
- Ability to work synchronously with all machines
- Extra reinforced stainless disc
- Smooth operation with high power motor and reducer
- Long-lasting use
- Ease of maintenance and service



Model	A (mm)	B (mm)	R (mm)
M-DTT-A01	1050	950±50	1000
M-DTB-A01	1050	950±50	1000



Center : Bağlarbaşı Cd. No:14 34230 Avcılar- İSTANBUL / TR

Phone : +90 (212) 421 37 31 (Pbx) **Fax :** +90 (212) 676 10 09

Factory: Org. San. Böl. 3.cad. 15.sok. No:3 59500, Çerkezköy- TEKİRDAĞ

Phone : +90 (282) 726 13 14 (Pbx) **Fax :** +90 (282) 726 14 43

www.elektromag.com.tr - info@elektromag.com.tr

USA : Elektromag Inc.

USA Office : 14725 W Fleetwood Lane New Berlin
Wisconsin 53151

SPAIN : Çakır Garcia S.L.U Distribuidor Oficial

Spain Office : Espana / Portugal



SER-MAG

PlasMag