



Mechatronics Designed Co.,Ltd.

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Capping

Cartoning

Print-apply

Labeling

Feeding

Automation



We are your trusted partner in Automation



Factory

75/39 Moo.11,MMC Factory Paholyothin
Rd.,T.Klongnung A.Klongluang Pathumthanee
12120

Head Office

26/230 Moo.18,Paholyothin Rd.,T.Klongnung
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Company Profile



PRODUCTS

- Labeling machine
- Capping machine
- Carton machine
- Print-apply
- Feeding machine
- Automation machine



PRESIDENT

- Mr. Suppakit Saithong

ADDRESS

1. Head Office

26/230 Moo.18,Paholyothin Rd.,T.Klongnung A.Klongluang Pathumthanee Thailand 12120

2. Factory

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ESTABLISHED DATE

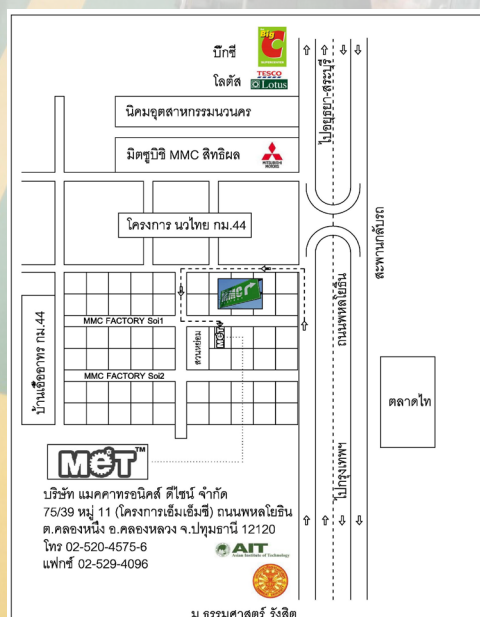
-June 5, 2008

CAPITAL

- 5 million baht

EMPLOYEES

-19 persons





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Our Customers

Textile



Where house



Automotive



Pharmaceutical



Beverage



Frozen foods



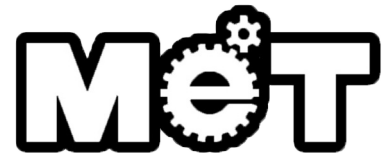
Milott Laboratories
Service Quality Count On Us



Our vision is designing and manufacturing the packaging machine made by Thai engineer and provided innovation under quality control at all stages of production.

Although today , we have the manufacturer of packaging machines to support many types of industry such as cosmetic, pharmaceutical, foods, textile, automotive, stationary, electronics and warehouse.

Labeling Machine



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Single side apply



MET-SBL-30T



MET-ASL-100



MET-ATOP-150

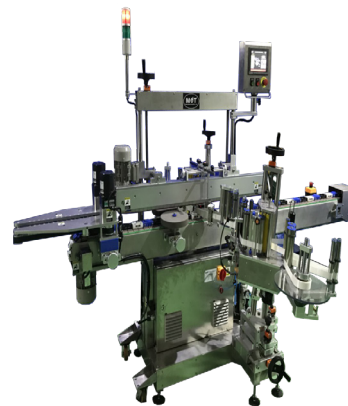
Double side apply



MET-SFBL-C60



MET-ATOP+B-150



MET-ALS-100



Labeling Machine



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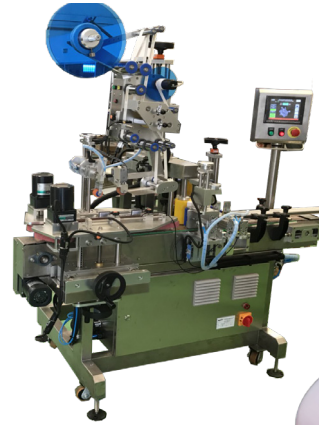
Rotate apply



MET-ATWS-2H



MET-ALT-150



MET-ATW-150



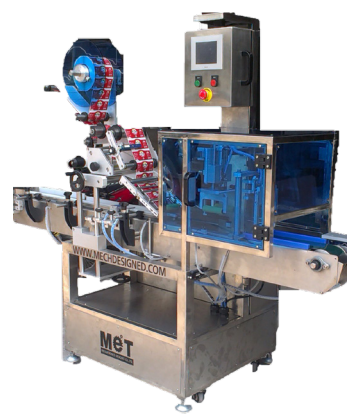
Multi step apply



MET-LIP-150



MET-LBL-60



MET-ACW-250



Capping Machine



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Gripper capping



MET-TCC-2L-SFB



MET-STCC-2L



4 Rollers capping



MET-TCC-4R-SFB



MET-TCC-4R-AT



MET-TCC-4R-MT



High speed capping



MET-TCC-6RC



MET-TCC-4R-2H



MET-TCC-4R-FLS

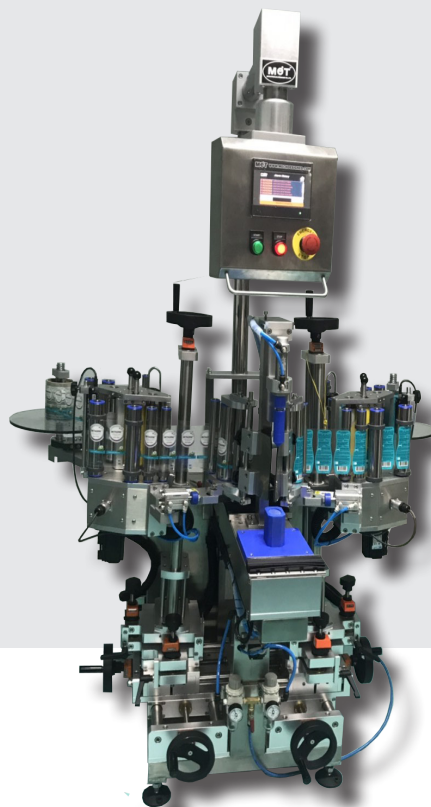
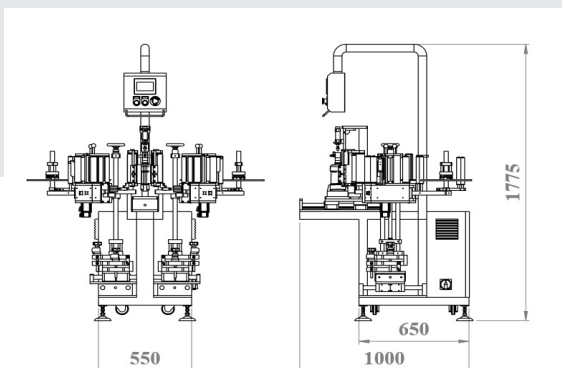


MET-MFBL-W200

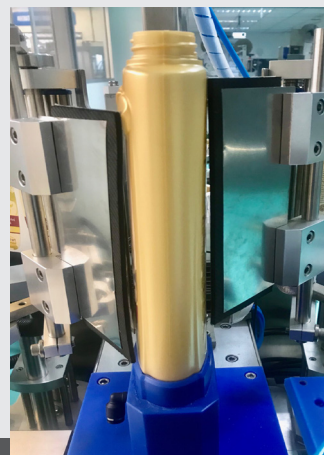
Semi Automatic Front-Back labeling machine

Feature

- PLCs and touch screen control
- Servo motor drive system
- Multifun labeling(full and partial wrap)
- Output speed 20-40 BPM.
- Support oval and square shape
- Product setting memory 10 items
- Orientation sensor (Optional)
- Coding device support (Optional)



Model	MET-MFBL-W200
Type	Semi Automatic Front-Back labeling machine
Bottle hight	50 - 250 mm.
Bottle diameter	Ø 25 - 65 mm.
Approximate speed	10-25 bottle/min. (Depend on manual feed speed)
Contron System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Labeling mode	Wrap arround,Front-back and Orientation wrap
Gross weight	245 g
Dimension	550(W)x1,00(L)x1,775(H) mm.
Accuracy	+/-1mm.
Air requirement	60NL./min at 0.4 Mpa.
Power consumption	1 Ph. 220V. 50/60 Hz. 5A.





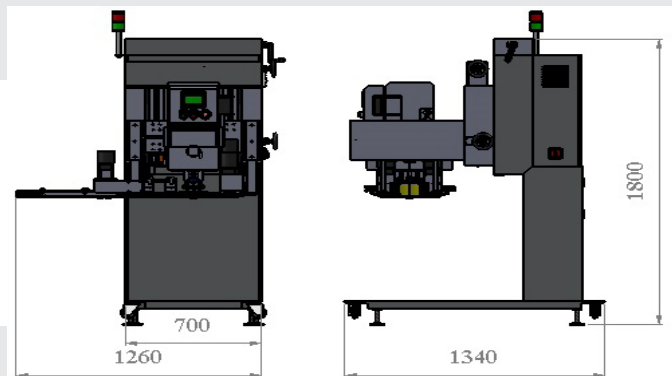
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MET-TCC-4R-SFB

Inline automatic torque control capping machine

Feature

- Touch screen control
- Servo motor drive system
- Torque adjustment 0.5-4.0N-m.(5-40Kg-Cm.)
- Real time display measuring torque
- Automatic bottle centering gripper
- Flexible to change bottle type
- Product setting memory 10 items
- High speed side gripper belt handling system
- Suitable for round caps and pilfer proof caps
- Bottle feed in spacer set(Optional)



Specification



Model	MET-TCC-4R-SFB
Type	Inline automatic torque control capping machine
Output Speed	50-60 BPM.
Support cap diameter	20-60 mm.
Drive System	AC Servo motor 400 w.
Torque abjustment range	PLCs and Touch screen
Gross weight	350 Kg
Dimension	700(W)x1,340(L)x1,800(H) mm.
Torque accuracy	+10% of set point / zero
Support bottle hight	40-200 mm.
Air requirement	100 NL./min at 0.4 Mpa.
Support bottle diameter	30-120 mm.
Power consumption	1 Ph. 220V. 50/60 Hz.1,200W.



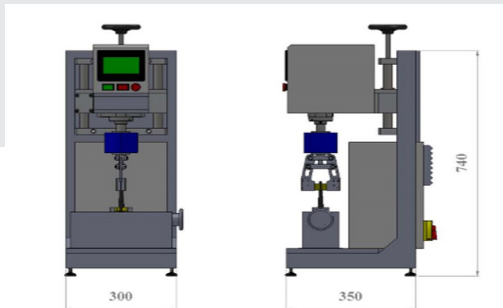
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MET-STCC-2L

Semi Auto desktop capping machine

Feature

- PLCs and touch screen control
- Servo motor drive system
- Real time display measuring torque
- Output speed 20-30 Bottle/min
- Support bottle diameter 10-25 mm.
- Product setting memory 10 items
- Suitable for small cosmetic bottle



Specification

Model	MET-STCC-2L
Type	Semi automatic desktop capping machine
Support cap diameter	10-15 mm.
Support bottle height	50-150 mm.
Support bottle diameter	10-25 mm.
Output Speed	20-30 BPM
Torque adjustment range	PLCs and Touch screen
Drive System	AC Servo motor 200 w.
Torque accuracy	+10% of set point/zero
Gross weight	65 Kg.
Dimension	300(W)x350(L)x740(H) mm.
Air requirement	40 NL./min at 0.4 Mpa.
Power consumption	1 Ph. 220V. 50/60 Hz.300W.

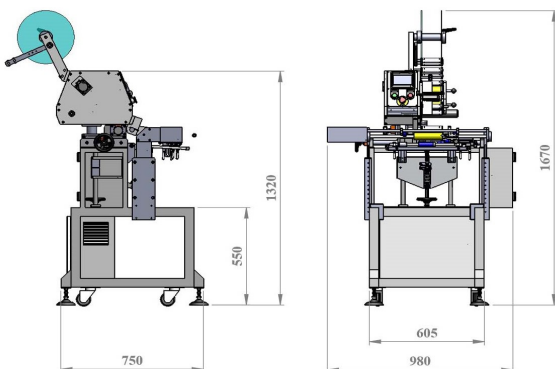


MET-SWR-150

Semi automatic wrap labeling machine

Feature

- PLCs and touch screen control
- Servo motor drive system
- Multifun labeling(full and partial wrap)
- Output speed 20-40 BPM.
- Support bottle cylindrical and taper shape
- Product setting memory 20 items
- Orientation sensor (Optional)
- Coding device support (Optional)



Specification

Model	MET-SWR-150
Type	Semi automatic labeling machine
Roll Size	Inner roll 3 inch(76 mm.)Outer roll 12 inch(300 mm.-Maximum)
Label Size	Label width 20-150 mm., Label length 10-150 mm.
Label Speed	60 m./min.(Maximum)
Contron System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Labeling mode	Wrap arround,Front-back and Orientation wrap
Gross weight	80 g
Dimension	750(W)x980(L)x1,670(H) mm.
Accuracy	+/- 1mm.
Air requirement	60NL./min at 0.4 Mpa.
Power consumption	1 Ph. 220V. 50/60 Hz.800W.

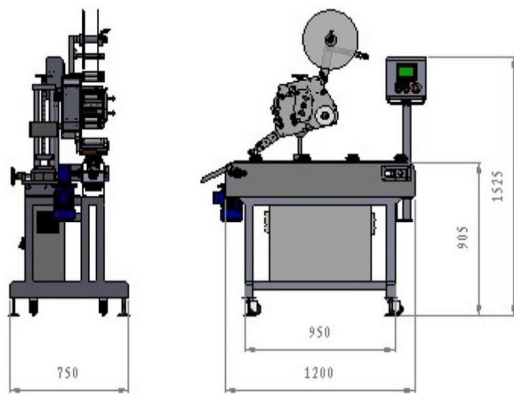
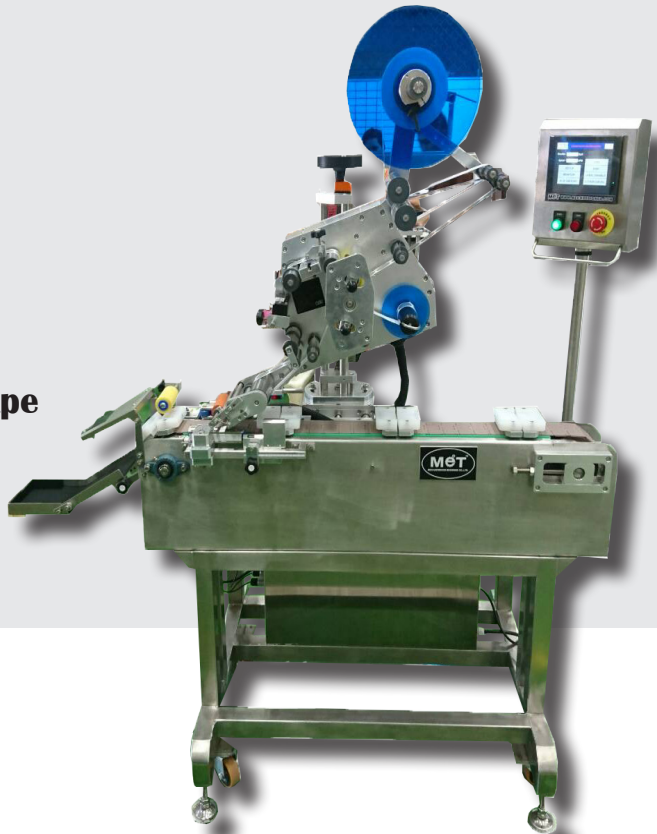


MET-ACPL-S60

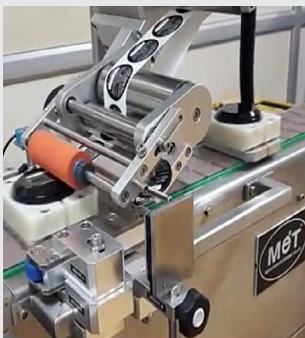
Automatic cosmetic powder case labling machine

Feature

- PLCs base control
- Touch screen setting and display
- Suitable for cosmetic power case
- Coding device support(optional)
- All driven by servo motor
- Support container jig 8 station
- Supprot cosmetic container various shape



Specification



Model	MET-ACPL-S60
Type	Automatic cosmetic power case labeling machine
Roll Size	Inner roll 3 inch(76 mm.)Outer roll 12 inch(300 mm.-Maximum)
Label Size	Label width 100 mm.
Output Speed	40-60 m./min.(Maximum)
Contron System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Labeling mode	Synchronized wip on
Gross weight	165 g
Dimension	750(W)x1,200(L)x1,525(H) mm.
Accuracy	+/-1mm.
Power consumption	1 Ph. 220V. 50/60 Hz.850W.4A



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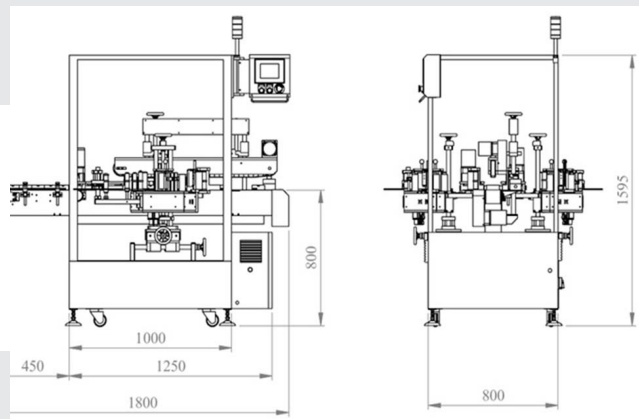
MET-AWA2H-60

Cosmetic box tamper seal labeling machine



Feature

- PLCs base control
- Touch screen setting and display
- Coding device support(Optional)
- All driven by servo motor
- Encoder synchronized speed system
- Front and back apply corner tamper seal
- Support clear label with various shape
- Max output speed =120 box/min.



Specification

Model	MET-AwaA2H-60
Type	Cosmetic box 2 head tamper seal labeling
Output Speed	120 box/min.(Maximum)
Contron System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Support box size	Width 80-110 mm.
Gross weight	325 Kg
Dimension	800(W)x1,800(L)x1,595(H) mm.
Accuracy	+/-1mm.
Power consumption	1 Ph. 220V. 50/60 Hz.5A





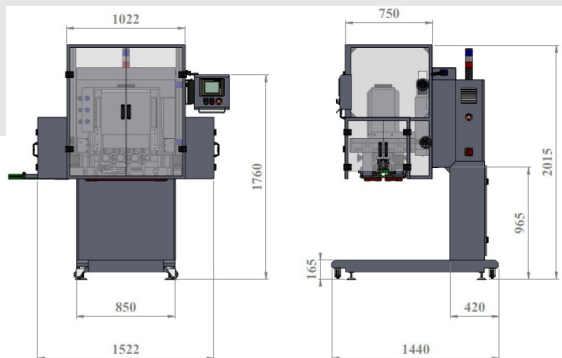
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MET-TCC-6RC

Inline continuous torque control capping machine

Feature

- PLCs base control
- Touch screen setting and display
- Servo motor 400W. 3 stage control system
- Real time non stop torque control capping
- Flexible to change bottle size
- Include cap oriented feeder unit(Optional)
- Support all bottle move direction



Specification

Model	MET-TCC-6RC
Type	Inline continuous torque control capping machine
Speed	60-80 bottle/min
Control System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Torque adjustment	0.5-0.4N-M.(5-40 Kg-Cm.)
Gross weight	600 Kg
Dimension	1,440(W)x1,522(L)x2,200(H) mm.
Accuracy	+/-1mm.
Bottle diameter	Diameter 30-90 mm.
Cap diameter	Diameter 25-100 mm.
Air requirement	+/- 1 mm.
Storage	Storage memory 20 item
Power consumption	1 Ph. 220V. 50/60 Hz. 2,200W.



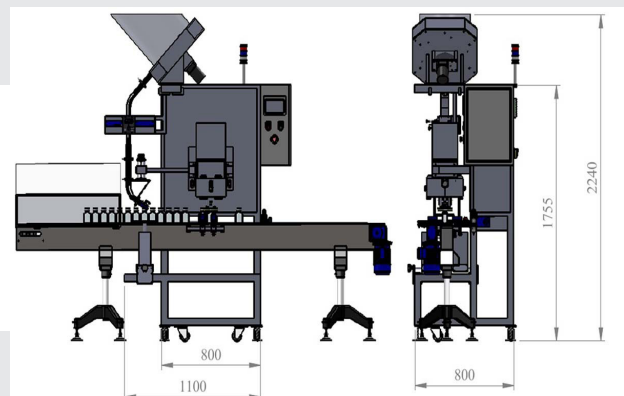
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MET-TCC-4R-FLS

Fully automatic torque capping machine

Feature

- Touch screen control
- Servo motor drive system
- Torque adjustment 0.5-4.0N-m.(5-40Kg-Cm.)
- Real time display measuring torque
- Automatic bottle centering gripper
- Flexible to change bottle type
- Product setting memory 10 items
- High speed side gripper belt handling system
- Suitable for round caps and pilfer proof caps
- Cap sorter feeder(Customs Design)



Specification

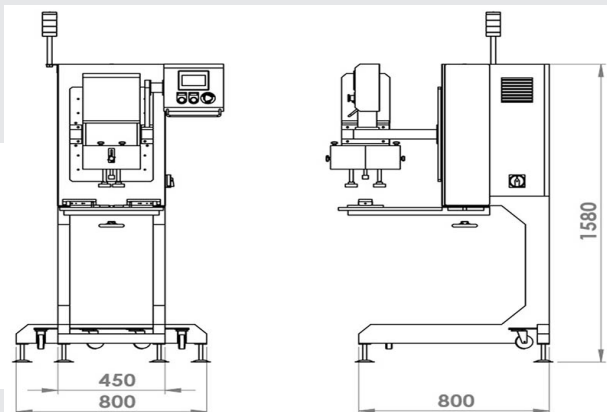


Model	MET-TCC-4R-FLS
Type	Fully automatic torque control capping machine
Output Speed	50-60 BPM.
Support cap diameter	20-60 mm.
Drive System	AC Servo motor 400 w.
Torque abjustment range	PLCs and Touch screen
Gross weight	450 Kg
Dimension	800(W)x800(L)x2,200(H) mm.
Torque accuracy	+10% of set point / zero
Support bottle hight	40-200 mm.
Air requirement	100 NL./min at 0.4 Mpa.
Support bottle diameter	30-80 mm.
Power consumption	1 Ph. 220V. 50/60 Hz.1,500W.

MET-TCC-4R-MT

Feature

- Touch screen control
- Servo motor drive system
- Torque adjustment 0.5-4.0N-m.(5-40Kg-Cm.)
- Real time display measuring torque
- Automatic bottle centering gripper
- Flexible to change bottle type
- Product setting memory 10 items
- Suitable for round caps and pilfer proof caps
- Manual feed in and out



Specification

Model	MET-TCC-4R-MT
Type	Semi automatic torque control capping machine
Output Speed	20-40 BPM.
Support cap diameter	20-40 mm.
Drive System	AC Servo motor 400 w.
Torque adjustment range	PLCs and Touch screen
Gross weight	150 Kg
Dimension	800(W)x800(L)x1,580(H) mm.
Torque accuracy	+10% of set point / zero
Support bottle height	30-200 mm.
Air requirement	100 NL./min at 0.4 Mpa.
Support bottle diameter	20-60 mm.
Power consumption	1 Ph. 220V. 50/60 Hz.1,500W.

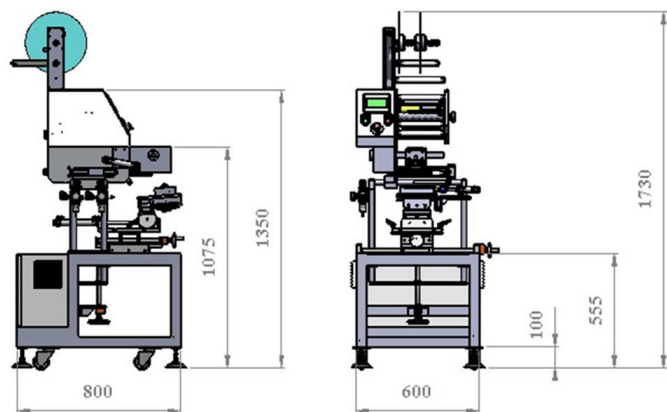


MET-STA-150

Semi automatic tamp label applicator machine

Feature

- PLCs and touch screen control
- Servo motor drive system
- Output speed 20-30 BPM.
- Support opaque and transparent label
- Product setting memory 20 items
- Sus304 and aluminium with anodized surface
- Coding device support (Optional)
- Suitable for curve and flat shape bottle



Specification



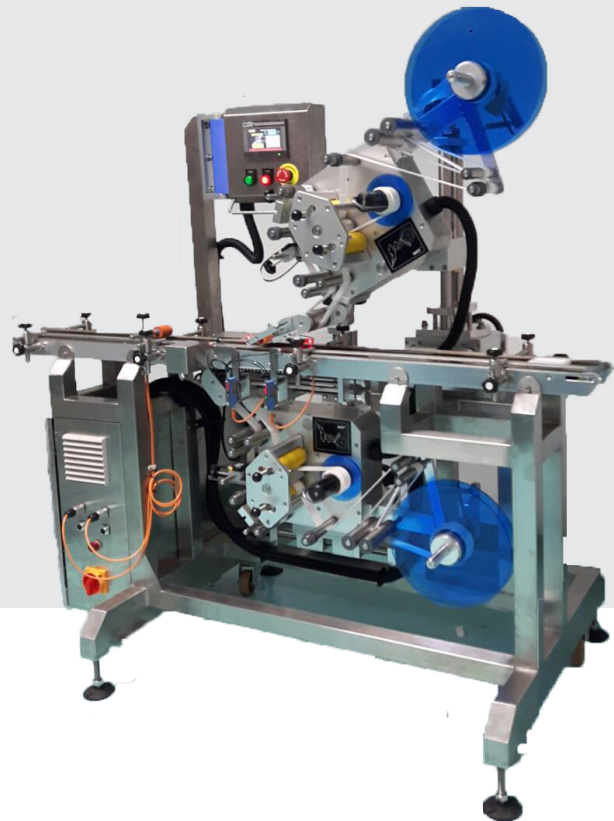
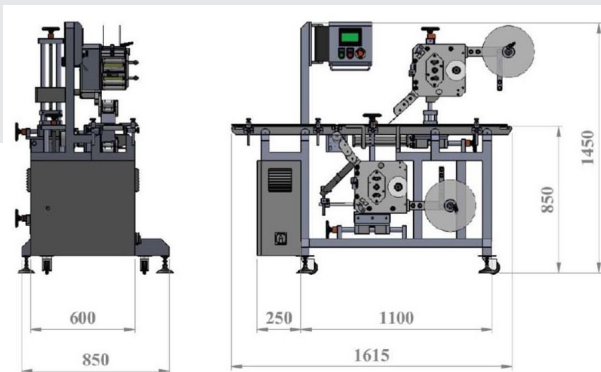
Model	MET-STA-150
Type	Semi automatic tamp labeling machine
Roll Size	Inner roll 3 inch(76 mm.)Outer roll 12 inch(300 mm.-Maximum)
Label Size	Label width 20-150 mm., Label length 20-100 mm.
Label Speed	60 m./min.(Maximum)
Contron System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Labeling apply	Tamp and Wip on
Gross weight	80 g
Dimension	600(W)x800(L)x1,730(H) mm.
Accuracy	+/- 1mm.
Air requirement	80NL./min at 0.4 Mpa.
Power consumption	1 Ph. 220V. 50/60 Hz.500W.

MET-ATOP+B-100

Automatic top and bottom labeling machine

Feature

- Support top and bottom label apply
- Approximate output speed 60-120 ppm.
- All driven by servo motor
- Coding device support(Optional)
- High precision by encoder synchroized
- No air bubble and crinkle problems



Specification

Model	MET-ATOP-S60+B-100
Type	Automatic top and bottom labeling machine
Container size	Product container width size 120 mm.(maximum)
Label Size	Label width 100 mm. (maximum)
Output Speed	60-120 ppm.
Contron System	PLCs and Touch screen
Drive System	AC Servo motor 400 w.
Labeling mode	Support inkjet coding for top side label apply
Gross weight	170 g
Dimension	850(W)x1,615(L)x1,450(H) mm.
Accuracy	+/- 1mm.
Power consumption	1 Ph. 220V. 50/60 Hz.1000W.5AWW

