

Automatic Nail Polish Filling & Capping Machine



Model TN-24L-1C is an automatic machine designed for nail polish filling and capping production.

Feature

- Rotating cap with servo motor to precise torque control
- Filling under pressure and vacuum system to ensure filling height

Standard Specifications

| Model No | TN-24L-1C |
|------------------------|--------------|
| Production type | Rotary |
| Output capacity/hr | 2400 |
| Control Type | Servo &air |
| No. of nozzle | 1 |
| No. of working station | 24 |
| Vessel volume | 30L/set |
| Display | PLC |
| No. of operator | 1~2 |
| Power consumption | 2kw |
| Dimension | 1.0×0.9×1.6m |
| Weight | 400kg |
| Air input | 6-8 kgf |

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Automatic Double Nozzles Filling Machine



Model TL-50L-2-2A is an automatic double-nozzle hot filling machine designed for quantitative filling for lipsticks and other cream products in circle or square components.

Feature

- Two nozzles filling simultaneously
- Quantitative filling through piston pushed by ball screw system and servo system
- Quantitative filling parameter shall be set and memorized in PLC

Standard Specifications

| Model No | TL-50L-2-2A |
|--------------------|---------------|
| Production type | Linear |
| Output capacity/hr | Min1500 |
| Control Type | Servo &air |
| No. of nozzle | 2 |
| Vessel volume | 50L/set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 25kw |
| Dimension | 2.52×1.7×2.3m |
| Weight | 1700kg |
| Air input | 6-8 kgf |

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Automatic Double-swirl Filling Machine



Model TL-15C-2S is an automatic machine designed for production of double swirl lipgloss

Feature

- Filling on rotary turntable
- Filling system controlled by servo motor and piston
- Rotary controlled by servo motor
- Godet remove from tooling automatically after hot filling
- Tank suitable for filling and hot filling

| TL-15C-2S |
|----------------|
| Rotary |
| Min 1800 |
| Servo &air |
| 2 |
| 16 |
| 25L/set |
| PLC |
| 1 |
| 12kw |
| 1.3×0.85×1.75m |
| 250kg |
| 4-6 kgf |
| Tank |
| |



Multi Colors Powder Back Filling and Pressing Machine



Model TPL-04S is an automatic back filling and pressing machine designed for production of multi-color cake and eyeshadow

Feature

- Filling on rotary turntable and pressed production
- Servo motor control and adjust press powder force
- Filling part is operated in single machine and controlled by servo motor and piston

Standard Specifications

| Model No | TPL-04S |
|---------------------|---------------|
| Output capacity/min | 25 |
| Maximum Pressure | 3T |
| Maximum godet | 60mm |
| No. of operator | 1 |
| Power consumption | 4kw |
| Dimension | 1.7×1.05×1.6m |
| Weight | 300kg |
| Air input | 4-6 kgf |

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FULLY AUTOMATIC SILICONE MOLD LIPSTICK FILLING &PACKING MACHINE TZ-25LCS-10A



Model TZ-25LCS-10A is a fully automatic lipstick molding &packing machine designed for the production of silicone molding process lipstick,engraved lipstick,lip pencil

Target products

- silicone mold lipstick
- silicone mold cosmetic pencil
- mat lipstick ,pencil
- engrave lipstick ,pencil





Mold



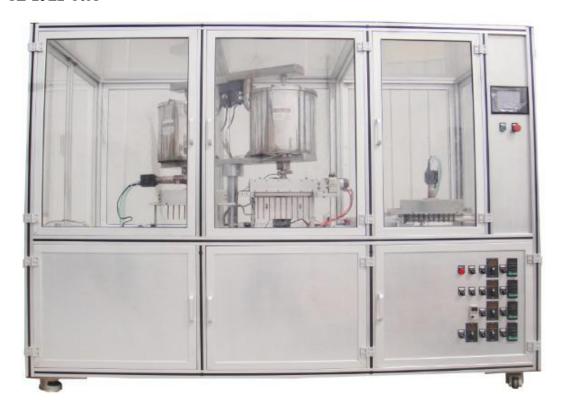


| Model No | TZ-25LCS-10A |
|--------------------|---------------|
| Production type | Linear |
| Output capacity/hr | 50pcs/min |
| Control Type | Servo&air |
| No. of nozzle | 10 |
| Rubber hole(pcs) | 10 |
| Total holder need | 30 |
| Vessel volume | 25L/set*2set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 7kw |
| Dimension | 7.5×1.5×1.8 m |
| Weight | 2Tons |
| Air input | 4-6 kgf |
| Option | Screw downer |



AUTOMATIC LIPSTICK MOULD FILLING MACHINE

TZ-25L2-10A



Model TZ-25L2-10A is an automatic lipstick molding machine designed for the production of lipsticks,lip balm,and other hot pour products by molding.

Target products

- silicone mold lipstick, lip balm.
- silicone mold cosmetic pencil
- aluminum mold lipstick





Mold







| Model No | TZ-25L2-10A |
|--------------------|-----------------------|
| Production type | Linear |
| Output capacity/hr | 3000 |
| Control Type | Servo & air |
| No. of nozzle | 10 |
| Rubber hole(pcs) | 10 |
| Total holder need | 30 |
| Vessel volume | 25L/set*2set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 5kw |
| Dimension | 2.5×1.5×1.8 m |
| Weight | 500kg |
| Air input | 4-6 kgf |
| Option | Private silicone mold |



AUTOMATIC TUNNEL TYPE FREEZER TC-5P



Model TC-5P is an automatic cooling machine designed for the production of hot filling/pouring

Feature

- . Design for two tunnel with 2-4 station(option) and frost moving
- . Stainless steel 304 frame
- . Temp control by digital T.I.C
- . Conveyor speed and cooling temp controlled according to the type of product

| Model No | TC-5P |
|------------------------|-----------------------|
| Production type | Linear |
| Efficient cooling area | 1200*2000mm |
| Control Type | Servo & air |
| Temperature range | -20~ 0° C |
| Refrigerant | R-404a |
| Display | Digital |
| No. of operator | 0 |
| Power consumption | 5kw |
| Dimension | 2.5×1.5×1.5 m |
| Weight | 300kg |
| Air input | 4-6 kgf |
| Option | Private silicone mold |



AUTOMATIC LIPSTICK /PENCIL RELEASING MACHINE

TS-10A



 $Model\ TS\text{-}10A\ is\ an\ automatic\ lipstick/pencil\ releasing\ machine\ designed\ for\ the\ production\ of\ soft\ rubber\ lipsticks, lip\ balm.$

Target products

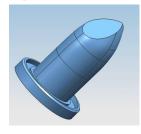
• Silicone molding lipstick, pencil, lip balm





Mold

- silicone mold
- plastic tube holder







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|---|---------------|
| Model No | TS-10A |
| Production type | Linear |
| Output capacity/hr | 3000 |
| Control Type | Servo&air |
| Total holder need | 30 |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 5kw |
| Dimension | 2.5×1.2×1.7 m |
| Weight | 500kg |
| Air input | 4-6 kgf |
| | |



SEMI AUTOMATIC LIPSTICK/LIP BALM RELEASING MACHINE

TS-10





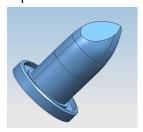
Model TS-10 is a semi automatic lipstick release molding machine designed for the production of lipsticks/lip balm.

Target products

• silicone mold lipstick ,lip balm,pencil

Mold

- silicone mold
- plastic tube holder





| Model No | TS-10 |
|--------------------|---------------------------------|
| Production type | Linear |
| Output capacity/hr | 1200 |
| Control Type | Pneumatic |
| No. of operator | 1 |
| Power consumption | 0.5 kw |
| Dimension | $0.65 \times 0.52 \times 1.5$ m |
| Weight | 70kg |
| Air input | 4-6 kgf |

FULL AUTOMATIC COSMETIC PENCIL FILLING MACHINE T-PENCIL FILL 10A



The model T-PENCIL FILL 10A is a full automatic production line design for the product of plastic pencil ,and other back filling pencil .

Target product:

·Cosmetic Pencil



mold

·aluminum mold



| Model No | T-PENCIL FILL-10A |
|--------------------|-------------------|
| Production type | Linear |
| Output capacity/hr | 50pcs/min |
| Control Type | Servo&air |
| No. of nozzle | 10 |
| Total holder need | 30 |
| Vessel volume | 25L/set*3set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 10kw |
| Dimension | 7.5×1.5×1.8 m |
| Weight | 2Tons |
| Air input | 4-6 kgf |
| Option | Aluminum Mold |



FULLY AUTOMATIC COSMETIC PENCIL FILLING MACHINE

TPF-10A



 $\label{eq:model_TPF-10A} \textbf{Model TPF-10A} \ is \ a \ fully \ automatic \ aluminum \ molding \ machine \ designed \ for \ the \ production \ of \ cosmetic \ pencil \ .$

Target products

• cosmetic pencil



Mold

• Aluminum mold



| Model No | TPF-10A |
|--------------------|---------------|
| Production type | Linear |
| Output capacity/hr | 3000 |
| Control Type | Servo&air |
| No. of nozzle | 10 |
| Total holder need | 30 |
| Vessel volume | 25L/set*2set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 7kw |
| Dimension | 2.5×1.5×1.8 m |
| Weight | 500kg |
| Air input | 4-6 kgf |
| Option | Aluminum mold |



Model TZ-25L1-12A is a full automatic hot filling machine designed for the production of lipstick, plastic pencil and other back filling products.



Specification

Target products
Lipstick, lip balm
Plastic pencil
Back filling products



Mold (options)



- Aluminum mold for pencil and lipstick
- Nylon holder for mascara&lip gloss bottles







Capacity

Output dependent on the type of the products

Features

25L capacity with stirrer and heating

Servo motor controlled dosing pump

Dosing volume and pump speed controlled by digital input, Accuracy $\pm -0.5\%$ Filling unit designed for easy strip-down cleaning and re-assembly to facilitate quick

change over

Servo controlled mold raise /lower system

No operator

Parameters

| Voltage | AC220V/50Hz 5KW |
|---------------|-----------------|
| Weight | 600kg |
| Body material | T651+SUS304 |
| Dimensions | 1500*1050*2000 |

SINGLE NOZZLE HEAD FILLING MACHINE TL-25L01



Model TL-25L01 is a automatic filling machine designed for the production of godet and bottles filling product, lipstick, lip balm, eyeliner, liquid powder, and other hot pour products.

Target products

- godet lipstick/lip balm
- godet liquid powder
- bottles eye liner



| TL-25L01 |
|--------------------------------------|
| 2400 |
| Gear pump |
| 1 |
| 25L/set |
| PLC |
| 1 |
| 2.5kw |
| $0.5 \times 0.7 \times 1.7 \text{m}$ |
| 100kg |
| 4-6 kgf |
| Cooling machine |
| |
| |



FULL AUTOMATIC MASCARA & LIP GLOSS FILLING MACHINE



Model TM-12-1A is an full automatic filling machine designed for the production of mascara ,lip gloss .

Target products

- Mascara
- Lip gloss





Mold

• Nylon holder (suit for different size of the bottles)

| Model No | TM-12-1A |
|--------------------|--------------|
| Production type | Rotary |
| 1 Toduction type | Rotary |
| Output capacity/hr | 3000 |
| Control Type | Cam&air |
| No. of nozzle | 1 |
| No.of holder | 12 |
| Vessel volume | 30L/set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 2kw |
| Dimension | 1.5×2.5×1.8m |
| Weight | 600kg |
| Air input | 4-6 kgf |
| Option | Tank |



MASCARA & LIP GLOSS FILLING AND CAPPING MACHINE



Model **TM-12-1** is an semi-automatic filling and capping machine design for the production of lip gloss and mascara

Target product

• lip gloss , mascara



Mold

• Nylon holder(according to the diameter of bottle)

| Model No | TM-12-1 |
|--------------------|---------------|
| Production type | Rotary |
| Output capacity/hr | 2000 |
| Control Type | Cam & air |
| No. of nozzle | 1 |
| No.of holder | 12 |
| Vessel volume | 30L/set |
| Display | PLC |
| No. of operator | 2-3 |
| Power consumption | 2kw |
| Dimension | 1.2×1.05×1.4m |
| Weight | 150kg |
| Air input | 4-6 kgf |
| Option | Tank |

SINGLE NOZZLE HEAD FILLING MACHINE TL-01



Model TL-01 is a simple filling machine designed for the production of mascara, lip gloss, and etc $\,$

Target products

• Mascara ,lip gloss and etc





| Model No | TL-01 |
|--------------------|-------------------------------|
| Output capacity/hr | 800 |
| Filling Type | Piston |
| No. of nozzle | 1 |
| Vessel volume | 30L/set |
| Display | PLC |
| No. of operator | 1 |
| Power consumption | 2kw |
| Dimension | $0.8 \times 0.7 \times 1.4$ m |
| Weight | 100kg |
| Air input | 4-6 kgf |
| Option | Tank |

AUTOMATIC COSMETIC POWDER PULVERIZER TP-P7.5P



Model TP-P7.5Pis an automatic cosmetic powder disintegrator (pulverizer) designed for the crushing of raw material of eye shadow, blush, two way cake, and baking powder.

Target products

• Raw material of eye shadow, blush, two way cake, and baking powder



| Sumum a Specimentons | |
|----------------------|---------------|
| Model No | TP-P7.5P |
| Output capacity/hr | 35kg |
| Filling Type | Screw |
| Crushing type | Alloy knife |
| Vessel volume | 150L |
| Speed of alloy knife | 6000 rev/min |
| Minimum mesh | 100 |
| Cooling Type | Cycling water |
| No. of operator | 1 |
| Power consumption | 7.5kw |
| Dimension | 1.1×1.0×1.7m |
| Weight | 350kg |
| Air input | 4-6 kgf |
| Option | Sieve |
| | |



AUTOMATIC ROTARY PRESSED POWDER MACHINE

Model TP-8-01A is an automatic cosmetic pressed powder machine designed for the production of compact cake, eye shadow, blush and so on.





Target products
Cosmetic powder product such as compact cake, eye shadow, blush
Standard Specifications

| Model No | TP-8-01A |
|----------------------|--------------|
| Production type | Rotary |
| Output capacity/hour | 750-1200pcs |
| Maximum godet | 68mm |
| Pressing type | Servo |
| Holder number | 8 |
| Vessel volume | 10L |
| No. of operator | 1 |
| Power consumption | 2kw |
| Dimension | 1.6x1.7x2.0m |
| Weight | 750kg |
| Air input | 6-8 kg/cm2 |

TENZ Electromechanical Co.,Ltd

LAB SCALE COSMETIC PRESSED POWDER MACHINE

Model TPS-S01A is a semi automatic cosmetic powder machine designed for the production of two way cake, compacts, eye shadow and so on.



Target products

Cosmetic powder product such as two way cake, compacts, eyeshadow, baking powder Mould (options)

Stainless steel mould

Capacity: Output dependent on color, number of cavity on mould, bulk formulation and shape of godet

5-15 godets/min.(1 cavity) 20-35 godets/min (2 cavity)

Features

Small size, pressure is controlled by servo motor; HMI set pressure Parameters

| Power consumption | 0.5kw |
|-------------------|---------------|
| Max pressure | 1500kg |
| Weight | 150kg |
| Dimensions | 400*300*700mm |



LAB SCALE COSMETIC PRESSED POWDER MACHINE **TP-S10**



Model TP-S10 is a semi automatic cosmetic powder machine designed for the production of two way cake, compacts, eye shadow and so on.

Target products

• two way cake, compacts, eyeshadow, baking powder blush.



Mold

• stainless steel mold





Godet

- aluminum godet,plastic godet
- ceramic godet



| Model No | TP-S01 |
|---------------------|-------------------------------|
| Output capacity/min | 8PCS |
| Control Type | Hydraulic |
| No. of operator | 1 |
| Power consumption | 0.5 kw |
| Dimension | $0.4 \times 0.3 \times 0.7$ m |
| Weight | 150kg |
| The max pressure | 150kgf |
| | |

COSMETIC BAKED POWDER EXTRUSION MACHINE TP-B-10L-P



Model TP-B-10L-P is an automatic cosmetic baked powder extrusion machine designed for the production of baked powder

Target products



godet

- ceramic godet
- plastic godet



mold





| Model No | TP-B-10L-P |
|---------------------|--------------------|
| Output capacity/min | 30-40godet |
| Filling Type | Screw & pressing |
| Quantitative Type | Length of material |
| Vessel volume | 10L |
| Maximum godet | 80mm |
| No. of operator | 1 |
| Power consumption | 2.5kw |
| Dimension | 1.1×1.0×1.9m |
| Weight | 150kg |
| Air input | 4-6 kgf |
| Option | Discharge head |

COSMETIC BAKED POWDER PRESSING MACHINE TP-B-01



Model TP-B-01 is an automatic cosmetic baked powder pressing machine designed for the production of baked powder, such as eye shadow, blush and so on.

Target products



Godet





| Model No | TP-B-01 |
|---------------------|-------------------------------|
| Output capacity/min | 15-20pcs |
| Pressing Type | Hydraulic |
| Maximum pressure | 150kg |
| Maximum godet | 65mm |
| No. of operator | 1 |
| Power consumption | 1.5kw |
| Dimension | $1.0 \times 1.0 \times 1.7$ m |
| Weight | 250kg |
| Air input | 4-6 kgf |
| Option | Pressing head& star wheel |



SEMI-AUTOMATIC COSMETIC POWDER SURFACE CLEANING MACHINE TP-B-100 $\,$



Model TP-B-100 is a semi automatic cosmetic pressed powder surface (convex surface) cleaning machine designed for the production of eye shadow, baked powder

Target products



Mold and Knife



| Model No | TP-B-100 |
|---------------------|-------------------------------|
| Output capacity/min | 10-15 |
| Production Type | Servo |
| Maximum godet | 65mm |
| No. of operator | 1 |
| Power consumption | 1kw |
| Dimension | $0.9 \times 0.5 \times 1.5$ m |
| Weight | 150kg |
| Air input | 4-6 kgf |
| Option | Scrapping knife |