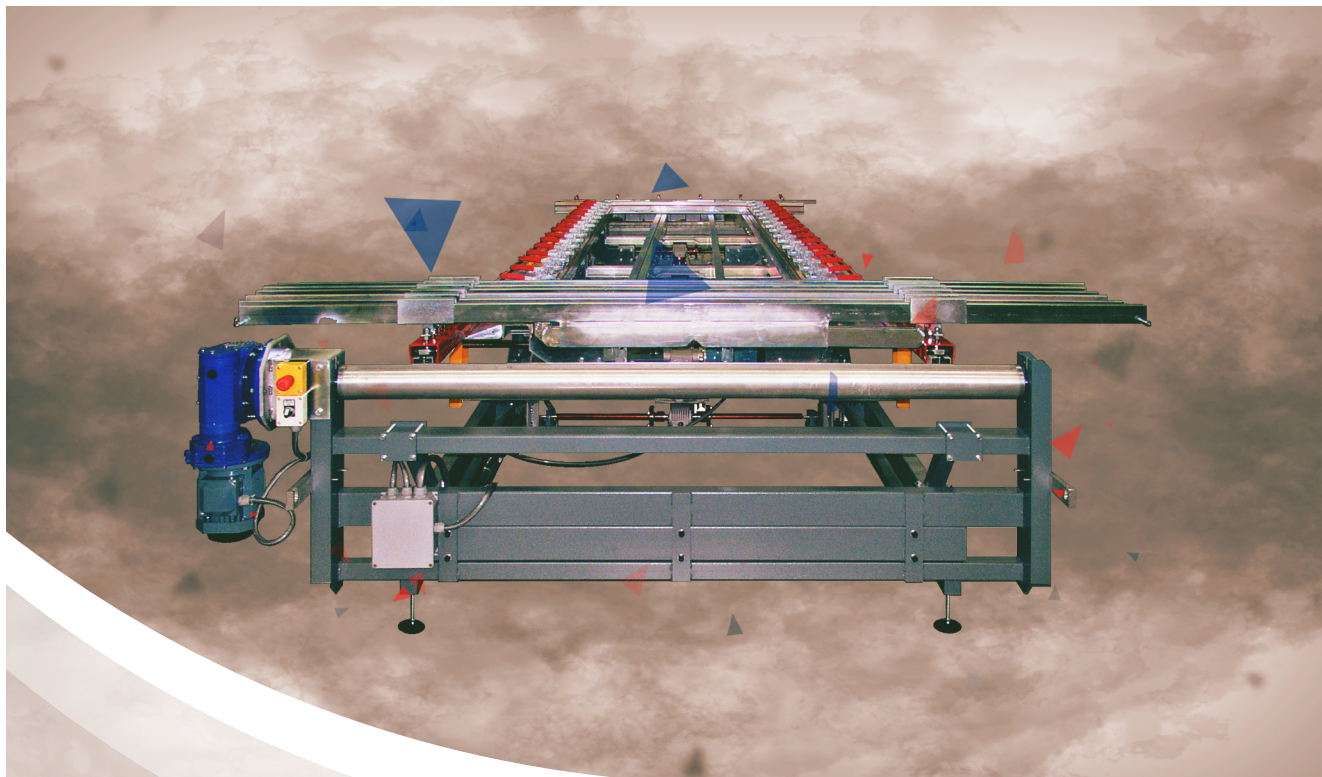


EPTATECH TOOLS CATALOGUE







Modular Cabinet 10 Drawers

Dimensions: 116x75.5x135.5 cm

Weight: 100 Kg

- Varnished steel



Modular Cabinet Roll Holder

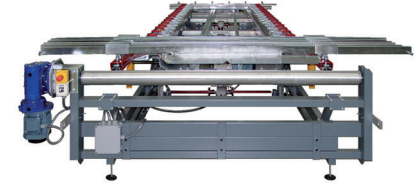
Dimensions: 190x45x200 cm

For 18 rolls of 170 cm width

Weight: 40 Kg

Optionals:

Front drape



Mechanical Stretching Unit

Weight: 1135 kg

Power: 380V, 2kW

- Low maintenance costs

Optionals:

Rail system



Automatic Coating Unit

Dimensions: 235x65x228 cm

Weight: 265 kg

Maximal frame size: 150x150 cm

- Multifunction Panel easy to use
- 25 storable drafting programs
- Independent adjustment of the pressure of coating blades
- Immediate frames replacing with pneumatic controls

Power supply: 400 V -50/60 Hz.

Compressed Air: 6 bar



Light Table

Dimensions: 108x137x88 cm

Weight: 170 kg

Usable size: 100x116 cm

- Sturdy painted steel structure
- Side storage compartment
- Drawers below to be used as an archive cabinet

Power supply: 230 V - 50 Hz



Vacuum Press for Exposures

Dimensions: 198x80x151 cm

Weight: 120 kg

Glass dimensions: 140x100 cm

- Varnished steel



Developing Vat in PVC with Light

Dimensions: 205x100x222 cm

Weight: 135 Kg

Usable size: 75x200 cm

Power: 230V - 50Hz



Automatic Developing Unit

Usable dimensions: 120x180 cm

Power: 400V - 50Hz

Weight: 250 kg

- AISI 304 stainless steel, back light
- 25 programs



EPTATECH Surface Tensiometer STM-6699

Suitable for polyester, nylon and steel meshes.

- LCD display eliminates reading error.

Dimensions: 175 x 95 x 40 mm

Weight: 490 g (without batteries)

Power supply: 4x1.5V AAA batteries.

Measurement range: 0-60 N/cm

Resolution: 0.1 N/cm

Accuracy: ± 0.5 N/cm

Optionals:

Cable and software for RS232C

Bluetooth data output



EPTATECH Thickness Gauge TG-3388

Non-Ferrous type, to measure the thickness of non-conductive coatings, like meshes, emulsions and capillary films.

- Use 3 mm workpiece.
- Single and continuous mode.
- Manual or automatic power off.
- Battery indicator.
- Use 1.5V AAA batteries.

Weight: 81g (batteries not included)

Dimensions: 126 x 65 x 35 mm.

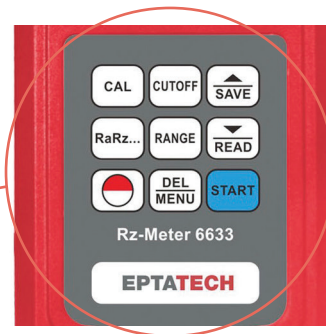
Range: 0-1250 μm (0-50 mil)

Resolution: 0.1 μm

Accuracy: $\pm 1-3\%$

Optionals:

Cable and software for RS232C
Bluetooth data output



EPTATECH Surface Roughness Rz-Meter 6633

To measure stencil roughness, an indication of the final print quality. Can measure Ra, Rz, Rq and Rt values.

Dimensions: 140 x 52 x 48 mm

Weight: 480 g

- 7-groups memory function.
- Power supply: Built-in rechargeable
- Li-on battery.
- Manual or automatic switch-off.
- Battery indicator.

Radius of probe diamond pin: 5 μm

Probe angle: 90°

Max. driving stroke: 17.5 mm

Variable cut-off length: 0.25, 0.8 and 2.5 mm

Measuring Range: Rz + Rt: 0.020 - 160.0 μm

Ra + Rq: 0.005 - 16.00 μm

Accuracy: $\pm 10\%$ / Resolution: 0.001 - 0.1

Optionals:

Cable and software for RS232C
Groove stylus
Curvature Probe
Extension rod
Measurement support
Bluetooth interface



EPTATECH Hardness Meter Durometer HT-6688

To measure the hardness of workpieces like squeegee rubbers, soft PVC, leather.

- Meets standards: ISO 868, ISO 7619, DIN 53505, ASTM D2240, JISK 7215.
- Auto switch-off.
- Low battery indicator.
- Use 1.5V AAA batteries.

Range: 10-90 shore°A.

Accuracy: ±1%

Dimensions: 162 x 65 x 28 mm

Weight: 173 g

Optionals:

Cable and software for RS232C

Operating stand



Portable Microscope Peak 2008

100x

Dimensions: 150x33x83

Weight: 490g, plastic case

Case size: 280x140x90mm

Gross weight: 1.0 kg



Portable Microscope Peak 2008

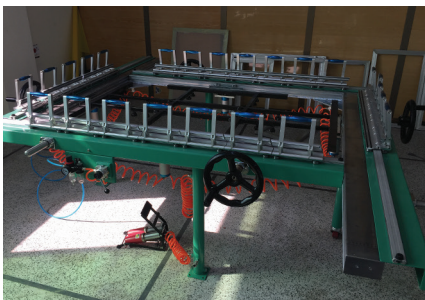
50x

- Graduate scale

Division 0.05 mm

Dimensions: diam 41.5 x 122 mm

Weight: 80g



Mechanical Screen Stretching Machine

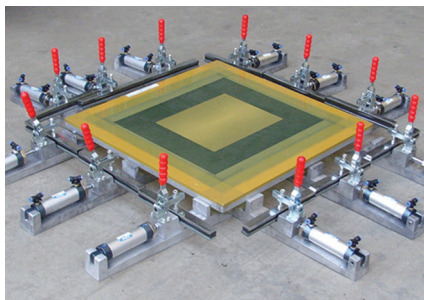
Weight: 270 kg

Outside size: 1600x1800 mm

Max. frame size: 1250x1500 mm

Working pressure: 0.4~0.7 Mpa

Maximal tension: 40 N/cm



Pneumatic Screen Stretching Machine

10 clamps of 300 mm

Weight: 4 kg/each

Maximal frame size: 600x900 mm

Maximal pressure: 0.7 MPa = 7 bar

Spare parts: Pressure regulator,
plastic pipe and valve



Electrical High Precision Screen Stretching Machine

Power supply: 380V x 3P x 4kW

Weight: approx. 1,000 kg

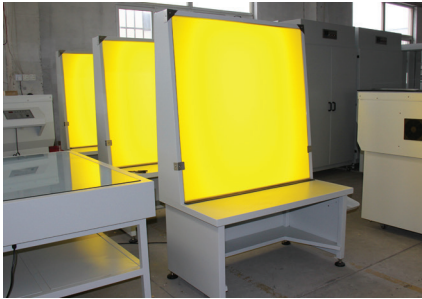
Max. stretching tension: 65N/cm

Maximum frame size: 2000x3000 mm

Minimum frame size: 200x200 mm

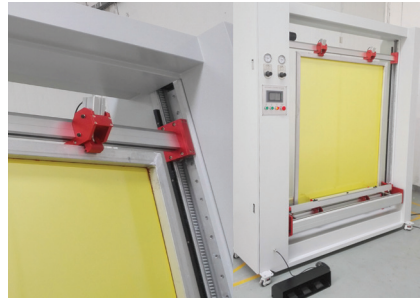
Power: 1.5 HP, 220V, 1.32A

- Three-phase asynchronous motor:
220V, 940 rpm; other sizes on
request.



Manual Coat Table

Dimensions: 130x130 cm



Automatic Coating Machine with Servo Motor

Weight: approx. 460kg

Dimensions: 2080x620x2105 mm

Power: 220Vx1PHx1kW

Maximal frame size: 1300x1300 mm

Minimal frame size: 400x400 mm

Max. coating area: 1150x1150 mm

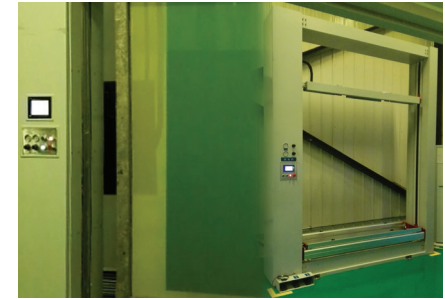
Min. coating area: 200x200 mm

Coating speed: 5-150 mm/s

- Touch screen display, multi-language
- Frame fixing with quick food switch
- Low vibration, ripple-free coating process

Optional:

Two screen coating system at once for CAD1313.



Automatic Coating Machine with Servo Motor

Power supply: to customize V x 2.2kW

Weight: approx. 1,500kg

Size WxDxH: 3523x1125x4162mm

Maximum frame size: 2000x3000 mm

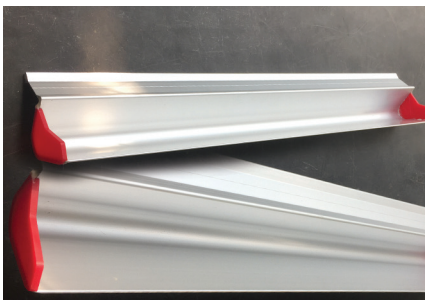
Minimum frame size: 800x800 mm (smaller sizes under request)

Max. coating area: 1800x2800mm

Min. coating area: 600x600 mm

Coating speed: 5 - 150 mm/s

Other sizes on request



Additional Coating Throughs

Available with 0.5mm lips and 2.5mm lips



Screen Drying Cabinet

Screen drying cabinet

Weight: 300 kg

Power: 220Vx1Px3kW

Dimensions: 1200x1500 mm

Maximum screen size: 1100x1400 mm

Maximal temperature: 50°C

- 5 drawers on ball-bearing slides, with end stop



Large Size Vertical Screen Drying Cabinet

Vertical: to save plant space

Power supply: 380Vx3PHx10kW

Weight: 600kg

Dimensions: 2473x1533x3420 mm

Temperature interval: 0°-80°C

Heating power: 12kW

Heating way: circulating air made by heating tubes

Maximum frame size: 2000x3000 mm

Minimum frame size: 200x200 mm

Other sizes on request.



Lighting Table

Dimensions: 130x130cm

Weight: 100 kg



Screen Printing Exposure Machine

Weight: 320 kg

Power: 220Vx1Px3.5kW

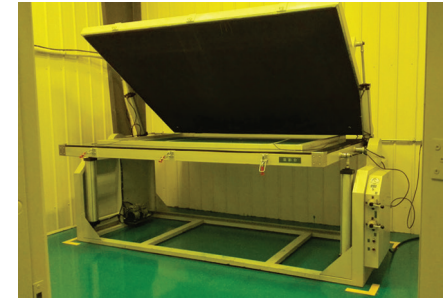
Exterior size: 1300x1500x1090 mm

Maximal exposure size: 1100x1300 mm

Vacuum pump: 1.5 l

Exposure way: quick-start

UV-lamp: Hg or metal halide 3kW



Large Size Vertical Exposure Machine

Power supply: 380V x 3P x 5kW

Weight: approx. 700kg

Cold way: Cold wind forced cooling

Maximum frame size: 2000x3000 mm

Maximum glass size: 2400x3400 mm

Vacuum pump (oil free): 120 liters included

- UV-light integrator with PLC device included; Other sizes on request.



Manual Screen Washout Booth with Back Light and Water Pump

SAE 304 stainless steel

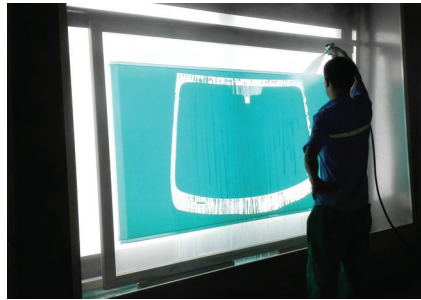
Weight: 250 kg

Dimensions: 1600x800x1950 mm

Maximal frame size: 1200x1200 mm

Power: 220Vx1Px1kW

Water pump: 1HP high pressure



Manual Screen Washout Booth

Weight: 350 kg

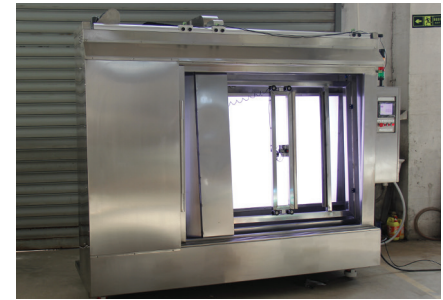
Dimension: 3500x740x2600 mm

- Stainless-steel anti-dust and anti-corrosion machine with back-light

Max. frame size: 2000x3000 mm

Water pump: 1 HP high pressure included

Other sizes on request.



Automatic Screen Washout Booth

Power: 380V, 304 stainless steel

Maximum frame size: 1000x1000 mm

Minimum frame size: 400x400 mm

Nozzle moving: cross and up-down

Air flow: 10m³/h

- Fluorescent lamps behind



Automatic Screen Washout Booth

Power supply: 380Vx8kW

Weight: 1000 kg

Dimension: 3620x1850x2800mm

Functions: stencil developing, degreasing and decoating.

Double sided synchronous nozzles.

Until 6 bar pressure.

Freely set pressure, cleaning times, speed and other relevant parameters.

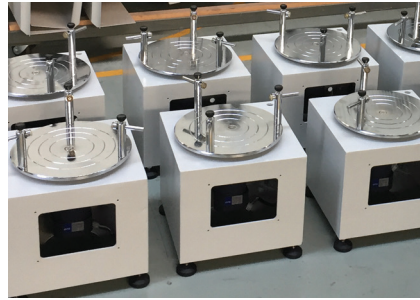
Maximum frame size: 2000x3000 mm

Minimum frame size: 400x400 mm

Air flow: 300m³/h - Equipped with water recycling system.

Water pump: Lift 65m, Pressure: 0-5 kg/cm², Motor: 5kW

Other sizes on request



Automatic Ink Mixing Machine

For 5 liters inks or photosensitive emulsions

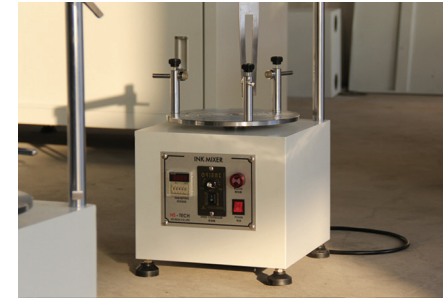
- Easy set-up, timer, low noise

Rotation speed: 20-1200 rpm

Power: 220Vx1Px150W

Weight: 20kg

Dimensions WxDxH: 320x300x625 mm



Automatic Ink Mixing Machine

For 20 liters inks or photosensitive emulsion

- Easy set-up, timer, low noise

Rotation speed: 20-1200 rpm

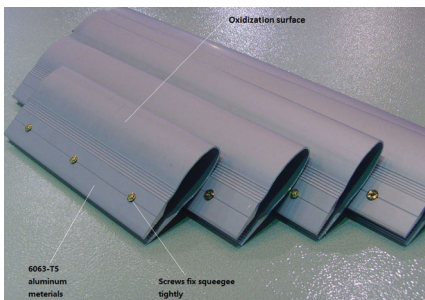
Power: 220Vx1Px180W

Weight: 20kg

Dimensions WxDxH: 420x420x855 mm



Wooden Squeegee

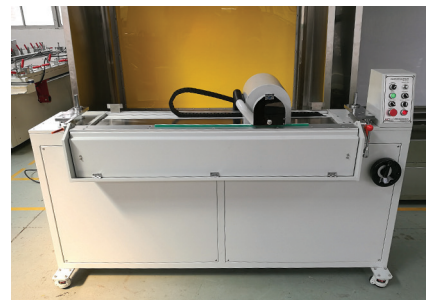


Aluminum Squeegee Handle



Fully Automatic Squeegee Grinding Machine with Touch Screen

Power: 220Vx1Px1.5kW
Weight: approx. 200kg
Dimensions WxDxH: 1880x660x1300 mm
 Optional: grinding angle from 0° to 40° included
Maximal grinding length: 1000 mm
Grinding speed: 5-50 mm/s
Grinding quantity: 0.125 mm/cycle



Semi-Automatic Squeegee Sharpener

Corundum grinding wheel
Power: 220Vx1Px1.5kW
Weight: approx. 350kg
Dimensions WxDxH: 1530x550x1300 mm
 Optional: grinding angle from 0° to 45° included
Maximal grinding length: 1000 mm
Grinding speed: 5-50 mm/s
Grinding quantity: 0.125 mm/cycle



Screen Printing Drying Racks

Made in iron, zinc coated

- Suitable for drying or storing prints, circuit boards, metal name-plate, keypads, glass sheet, textile printing, screens coating, drying or other flat substrates.

Shelf quantity: 50 layers

Shelf size: 650x1000 mm

Mesh opening: 100x100 mm

Shelf spacing: 25.4 mm

Screen Printing Drying Racks

Made in iron, zinc coated

Shelf quantity: 50 layers

Shelf size: 800x1100 mm

Mesh opening: 100x100 mm

Shelf spacing: 25.4 mm

Screen Printing Drying Racks

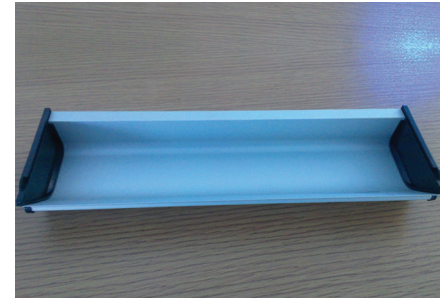
Made in stainless steel

Shelf quantity: 50 layers

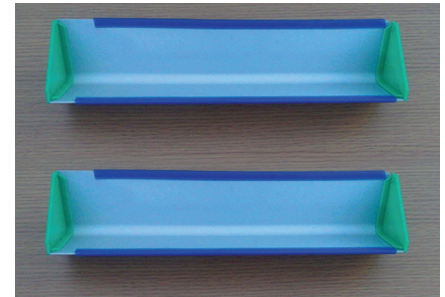
Shelf size: 800x1100 mm

Mesh opening: 100x100 mm

Shelf spacing: 25.4 mm



Emulsion Coater



Double Side Scoop Coater



01 Stainless Steel Ink Spatulas (Large)

Available measures:

- 5" (12.7 cm)
- 6" (15.24 cm)
- 7" (17.78 cm)
- 8" (20.32 cm)
- 10" (25.4 cm)

02 Stainless Steel Ink Spatulas (Wide)

Available measures:

- 13.5 x 4.5 cm
- 16.5 x 7.5 cm



Hinge Clamps



Silver Tape

Length: 400 meter

Width: 5 or 6 cm



Squeegee Blade

50x9mm (solvent resistant)

60° - 90°A shore

Different °A shore, same price



Triple Squeegee

75/90/75 or 65/90/65 °A shore



Brushes CN

Only in red



Brushes USA



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