

# Small Coating Machines (100mm and greater coating widths)

## Table-Top Coating Machine



### Specifications:

1. **Coating system:** Top feed type (with two rolls)
2. **Roll**
  - 1) Width: 150mm(max. coating width 100mm)
  - 2) Dimensions  
Knife roll (doctor Blade) OD 37mm x 150mm W  
Material: SUS304 polished  
  
Coating roll OD 98mm x 150mm W  
Material: STKM, Hard-chrome plated and polished
  - 3) Precision: Mirror-finished, run-out accuracy  
Within 5 microns
  - 4) Slurry Supply: Dam type.  
Slurry is poured into the dam manually.  
Dam width: 30 – 100mm.  
Dam capacity: 80cc. Max.
3. **Roller clearance:** Rotational adjustment with a manual handle.  
Digital Thickness Gauge (indication 1/1000mm)
4. **Drying Unit** (total length 600mm x 1)
  - 1) Type: Heat circulating type.
  - 2) Temp. Range: 40°C~160°C  
The inside temperature is digitally controlled and monitored.
  - 3) Structure: Electrical hot-air generating system: 3KW,  
Double-layer structure with insulator.
5. **Drive**
  - 1) Power source: AC100V
  - 2) Driving system: For the winding unit: geared motor  
Reel out side: Powder brake (manual volume setting)
  - 3) Line speed: 5cm/min (adjustable), digitally monitored
6. **Uncoiling system**
  - 1) Paper tube: ID: 76.2mm (3 inches)
  - 2) Maximum load: 10 kg

## **7. Utilities**

- 1) AC220V, 25A, Single Phase with ground
- 2) Safety features: An emergency-stop switch (the control box)

**8. Machine dimensions:** 1,200W x 543D x 997H in mm

**9. Weight:** approx. 150Kg

**Application:** Advanced energy

**Product type:** Machinery

**Production scale:** Lab, Pilot

**Search tags:** Hohsen, Machinery, Small Coating Machine, Coater