

All technical data presented represent typical results, unless stated otherwise as min/max values. No guarantee is made that material will meet exactly the values shown.

Heat Roll Press

Following is an example of a heat roll press. Please inquire for newer models and custom-made machines to suit your requirements.

Specifications

1. Objective:

To press, heat, and adjust the thickness of coated metal foil

2. Roll (2 rolls):

- | | |
|------------------|-------------------------------------|
| 1) Roll size | Lower Roll: 300 ϕ x 400W in mm |
| 2) Roll material | DC53, with HRC-62 |

3. Heat:

- | | |
|------------------|--|
| 1) Series Heater | 2KW x 10 |
| 2) Temperature | 180 Celsius degree at MAX. (Plus or Minus 5) |

4. Pressure:

- | | |
|-------------------------|---|
| 1) Width | 350mm at max |
| 2) Force | 20 ton at max |
| 3) Method | a pressure-pump and a pressure-cylinder |
| 4) Setting | by a pressure-pump |
| 5) Range | 0~500 micron |
| 6) Clearance | Controlled with a "distance block"
Indicated with a digital dial-meter |
| 7) Reverse-oil-cylinder | tank volume 80L
pump motor 1.5KW
pressure 7MPa at Max |
| 8) Oil-cylinder | tank volume 60L
pump motor 1.5KW
pressure 7OMPa at Max |

5. Driving Unit:

- | | |
|-------------|-------------------------------------|
| 1) Power 10 | HPAC Motor with braking function: 2 |
| 2) Speed | 1 ~ 10 m/min |

6. Products transportation:

- 1) Belt conveyer at both sides
inserting side: -0.3/min to the roll
exiting side: +0.3/min to the roll

7. Safety:

- 1) Safety covers at both sides with an inter-lock
- 2) An emergency-stop switch

8. Size & Weight

Size: 1730 x 2700 x 2000 (in mm)

Weight: 8 ton

Application: Advanced energy

Product type: Machinery

Production scale: Lab, Pilot

Search tags: Hohsen, Machinery, Press, Roll press, Calender, Heat press