

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 70MPa at Max

5. Driving Unit:

1) Power 10

HPAC Motor with braking function: 2

2) Speed

1 ~ 10 m/min

6. Pruducts 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