

Automated High Pressing Machine – Sanitary Pad Production

1. Machine Overview

The Automated High Pressing Machine is designed for sanitary pad production, providing automated high-pressure pressing of absorbent materials. It ensures consistent pad thickness and density, suitable for small to medium-scale production, with a cost-effective design and industrial-grade durability.

Key Features: - Automated high-pressure pressing for sanitary pads - Consistent thickness and density of absorbent layers - Industrial-grade steel frame - Easy operation and low maintenance

2. Safety Guidelines

- Wear protective gloves and eyewear while operating.
- Keep hands and clothing away from the pressing area.
- Ensure proper ventilation in the workspace.
- Emergency stop must be accessible at all times.
- Disconnect power before maintenance or cleaning.

3. Installation & Setup

1. Place the machine on a stable, level surface.
2. Connect to the 220 V AC power supply.
3. Check grounding and all safety switches.
4. Test the pressing operation with sample absorbent materials.

4. Basic Operation

1. Power on the machine.
2. Load sanitary pad materials (absorbent core, top sheet, back sheet).
3. Set pressing parameters: pressure, cycle time.
4. Start the pressing operation and monitor the process.
5. Collect pressed sanitary pads from the output tray carefully.

5. Maintenance

- Clean pressing surfaces and feeding area regularly.
- Inspect hydraulic and electrical systems for wear or leaks.
- Lubricate moving parts periodically.
- Replace worn or damaged components as needed.

6. Troubleshooting

Issue	Possible Cause	Solution
Pads not pressed evenly	Incorrect pressure or cycle time	Adjust settings
Machine not starting	Power supply or control failure	Check connections and controls
Inconsistent thickness	Worn pressing plates or misalignment	Inspect and replace plates

7. Specifications

Automated hydraulic press, pressing capacity 8 T, pressing area 300 × 150 mm, cycle time 2–5 seconds per pad, power supply 220 V AC, 3.5 kW, PLC/automatic control, industrial-grade steel frame, automatic or semi-automatic operation, weight 600 kg, production output 80 pads per minute.

8. Operational Area

- Small to medium-scale sanitary pad production
- Pressing absorbent core, top sheet, and back sheet layers
- Workshops and small-scale manufacturing units