



Compact Inline Thermoforming Vacuum Packaging Machine

(also known as a **Mini Roll stock Machine**).

It features the exact same all-in-one packaging technology as the larger "Standard Model.jpg" and "350.jpg" systems, but it is specifically engineered with a significantly **shortened chassis and a space-saving footprint** tailored for small-to-medium production facilities.



How This Machine Functions

The machine operates as a highly integrated, continuous linear line, moving from right to left:

- 1. Lower Tray Forming (Right):** Raw plastic film from the lower feeding roll (tucked neatly under the right chassis wing) enters the first station. The machine applies heat and vacuum to mold the flat film into customised pocket cavities.
- 2. Product Loading Zone (Center-Right):** The formed pockets advance along a compact, open conveyor section where operators can quickly place products into the cavities.
- 3. Vacuum and Sealing (Center):** The upper lidding film (the clear, tightly wound roll mounted on top) is pulled over the loaded pockets. They pass into the central chamber where air is fully evacuated, optional gas is injected (MAP), and the top layer is heat-sealed to the tray rims.

4. **Cutting and Film Rewind (Left):** Integrated blades automatically cut the continuous web into individual, separate packs. The leftover plastic film edges are guided through tensioning rollers and wound tightly onto the large, smoked-amber waste recycling discs at the far left.
5. **Ejection:** Finished vacuum packs emerge on the short blue conveyor belt at the left exit.

Key Structural Differences & Features Visible

- **Space-Saving Layout:** The loading zone and the overall bed length are drastically reduced compared to standard industrial lines, making it perfect for facilities with tight floor space or lower-volume batch processing.
- **Large Waste Film Collection Discs:** The prominent dual brown transparent discs on the left act as an integrated scrap-rewinding station, keeping the work environment clean by neatly rolling up the trimmed margins of the plastic film web.
- **Streamlined Control Station:** A compact PLC touchscreen control panel is mounted on a fixed vertical pillar on the right side rather than a long overhead swivel arm, keeping the machine's profile minimal and localised.
- **Full Stainless Steel Mobile Base:** Built with heavy-duty caster wheels for easy mobility across the factory floor, paired with rugged, adjustable steel levelling jacks to ground and stabilise the machine during operation.

Common Industry Uses

This compact setup is the ideal solution for boutique food producers, commercial central kitchens, laboratory testing lines, or growing regional processors looking to pack portioned steaks, sausages, sliced cheese, seafood, or small medical components without investing in a full-scale 6-meter manufacturing line.

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