

Tray packaging machine SMI TF350 for PET 2009

Machine type:	Shrink Wrapper
Ref:	FA72
Model:	TF350
Year:	2009
Speed:	50 Bottles/hour
Condition:	In Production
Containers:	PET

Technical details

Film type:	Neutral	Tray:	Available
Operating type:	["N/A"]	Machine feed type:	Straight
Bundles/minute:	45	Safety features:	Yes
Manuals:	Yes		

Description

Technical Specifications & Performance Data

The SMI TF350 is a tray packaging machine designed for the secondary packaging of PET bottles. Built in 2009, this industrial packaging machine forms bottle packs into trays for efficient handling, transport, and distribution within a used bottling line. It provides a practical solution for beverage production facilities requiring dependable end-of-line packaging equipment.

- **Manufacturer:** SMI
- **Model:** TF350
- **Year of manufacture:** 2009
- **Production capacity:** 45-50 packs/min
- **Container handling:** PET bottles

Advanced Automation & Control Systems

This tray packer is intended for automated packaging operations, supporting the organized grouping of PET bottles into tray configurations. Machines of this type are integrated with synchronized product infeed and discharge systems to maintain consistent pack flow through the secondary packaging stage. The TF350 can support streamlined operation in industrial packaging environments where repeatable pack formation is required.

Production Line Integration Capabilities

The SMI TF350 can be positioned downstream of filling, capping, labeling, and bottle conveying equipment in a PET bottling line. It is suited to beverage production layouts where filled bottles must be grouped and prepared for palletizing or further distribution. Its capacity of 45-50 packs/min enables integration with appropriately matched upstream and downstream equipment.

As a second hand tray packaging machine, it can be considered for line upgrades, replacement projects, or the expansion of existing bottling equipment. Correct integration requires compatible bottle conveyors, pack discharge handling, tray supply arrangements, and coordination with downstream palletizing or warehouse logistics systems.

Machine Condition & Maintenance History

The machine is in very good condition and has been regularly maintained. Extensive annual overhauls have been carried out by the manufacturer, supporting continued operational reliability. The tray packer remains in production until September 30, 2026, demonstrating that it is part of an active packaging process prior to dismantling.

Operational Performance & Versatility

Designed specifically for PET bottle handling, this tray packaging machine supports the secondary packaging stage of beverage production. Tray packing helps create stable, manageable bottle groups for storage, transport, and subsequent pallet handling. The machine is suitable for producers seeking used bottling line equipment that supports organized end-of-line operations without changing the primary filling process.

Its role in industrial packaging is to convert a continuous flow of bottles into defined tray-packed units, improving product handling between production and distribution stages. Final pack configuration and compatibility should be coordinated with the bottle format, tray design, conveyor layout, and required downstream logistics flow.

Installation Requirements & Site Preparation

Installation should be planned around the existing bottle conveyor route and the required infeed and discharge elevations. The machine is scheduled for dismantling and loading between October 7 and October 10, 2026. Site preparation should include adequate access for machine placement, assembly, commissioning, tray material handling, and connection to the applicable plant utilities.

Before installation, the production line layout should be reviewed to ensure reliable bottle transfer, sufficient operating access, and correct coordination with upstream labeling equipment and downstream pallet handling systems.

Safety Standards & Compliance Certification

Safe installation and operation require appropriate machine guarding, operator access control, emergency-stop integration, and procedures for tray material loading and pack discharge areas. During recommissioning, the equipment should be assessed within the receiving facility's safety requirements and connected in accordance with applicable electrical and operational standards. Routine inspection and preventive maintenance remain important for dependable operation of tray packaging machinery.