



Fig. 01 – WRAPID-350 high-speed overwrapping machine

WRAPPING MACHINES · OVERWRAPPING MACHINE

WRAPID-350 High-Speed Overwrapping Machine

Diamond-Fold & Tear-Tape · 350 Packets a Minute

The fold-and-seal overwrapper that finishes packs in crisp, transparent film — BOPP, cellophane or paper, with inline tear-tape — at 350 a minute.

A twin-roll film dispensing system with automatic splicing and quick-change suction bands keeps the line running continuously, packet after packet.

An inline tear-tape applicator, static-charge eliminator and defect-rejection system deliver an easy-open, tamper-evident finish with 100% quality at the conveyor.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

350

PACKETS / MIN

65–125

MM PACK LENGTH

Tear

TAPE INLINE

BOPP

/ CELLOPHANE

THE PROCESS

Infeed · Tape · Cut · Fold · Seal

From loose pack to a diamond-fold wrap

Reel-fed film and inline tear-tape meet an indexed pack flow, fold into the classic diamond and heat-seal — one continuous, high-speed cycle.

01	Infeed	Packs are fed in on an indexed infeed, correctly spaced and oriented for the wrapping station.
02	Tape	Film — BOPP or cellophane — is drawn from the reel and tear-tape is laid onto the web and bonded before cutting.
03	Cut	The film is cut to a measured blank, sized to the pack via the 90-161 mm cut-off width.
04	Fold	The pack is pushed through the blank so the film wraps the body; folding plates tuck the ends into the diamond fold.
05	Seal	Heated sealing elements fuse the overlapping flaps, and the sealed, tear-taped pack is discharged.

ENGINEERED FOR PRECISION

Twin-roll film dispensing

Automatic splicing between two reels keeps the machine running continuously through reel changes.

Quick-change suction bands

With an integrated static-charge eliminator for smooth, reliable film handling at full speed.

Inline tear-tape applicator

Web-laid and bonded before the fold for an easy-open, tamper-evident consumer finish.

Defect rejection system

Only perfect packets reach the delivery conveyor — 100% quality to distribution.

MACHINE DETAIL

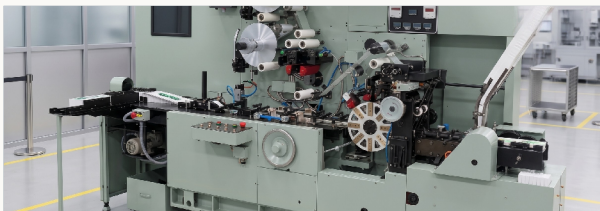


Fig. 02 – Film dispensing & folding stations

The open guarding reveals the twin-roll film path, tear-tape applicator and rotary folding turret that form the diamond-fold overwrap.

1960

Overwrapping packs in transparent film is the foundational Molins tobacco-packaging technology. The WRAPID-350 is a high-speed fold-and-seal overwrapper in that lineage, finishing packs with the crisp diamond-fold and tear-tape that defined the cigarette pack.

SPECIFICATIONS

WRAPID-350

Technical Specifications

PERFORMANCE

Output capacity	325 – 350 packets/min
Supported films	BOPP / cellophane
Film thickness	22 micron $\pm$2
Cut-off width	90 – 161 mm

PACK FORMAT

Pack length	65 – 125 mm
Pack width	35 – 60 mm
Pack height	15 – 25 mm

BUILD & UTILITIES

Reel diameter	350 mm
Reel core diameter	78 mm
Electrical supply	415 V, 3-Ph 4-wire, 50 Hz
Installed power	5 kW
Air consumption	0.1 m³/min @ 5–6 bar
Dimensions (L×W×H)	3200 × 1350 × 2000 mm
Weight	≈ 1,500 kg

WHY MANUFACTURERS CHOOSE IT

- 350 packets a minute for tobacco and FMCG lines
- Twin-roll dispensing with automatic splicing
- Inline tear-tape for easy-open, tamper-evident packs
- Defect rejection — 100% quality at the conveyor

DELIVERY & SUPPORT

Installation & commissioning

On-site set-up and start-up by MOI engineers.

Operator training

Hands-on training for operators and maintenance teams.

Spares & service

Genuine spare parts and ongoing maintenance support.

APPLICATIONS

Cigarette packet overwrapping · FMCG product wrapping · Consumer goods packaging — high-speed diamond-fold overwrapping for tobacco, FMCG and general industrial lines.