

Pallet Wrapping Machines

Start with the load and its handling route. Decide whether the pallet can rotate, then separate top-sheet protection, top support and weighing needs. This guide maps the current FYXFER pallet platforms and both FY-PWPM07 press drives. Use the comparison to shortlist a configuration before confirming its working range and supplied equipment.



FY-PWPM01 turntable reference. Other platforms are compared inside.

THREE DECISIONS BEFORE YOU SHORTLIST

01 May the load rotate?

For a stable load that can rotate, start with a turntable. If the pallet should remain stationary, compare mobile wrapping with a fixed rotary arm and check the complete movement envelope.

02 Which extra function matters?

Choose top-sheet placement for upper-surface protection, a top platen for suitable load support, or weighing for a defined measurement task. These functions address different requirements and need separate confirmation.

03 What is the real cycle?

Include loading, film attachment, wrapping, finishing and unloading. Check peak demand and operator duties. An automatic wrapping cycle alone does not confirm automatic loading, film cutting or conveyor integration.

Shortlist by load and required function

OPTION / PLATFORM	WHEN TO SHORTLIST	CONFIRM BEFORE ORDERING
FY-PWPM01	Stable pallet loads that can rotate; a standard turntable starting point.	Confirm load envelope, table diameter, capacity, wrapping height, loading access and manual film duties.
FY-PWPM04	Pallet loads needing an overhead top sheet as part of the wrapping process.	Confirm sheet coverage, overhang, load range, compatible film and the supplied sheet sequence.
FY-PWPM06	Stationary loads at different wrapping positions; the machine travels around the pallet.	Check load geometry, all-side travel clearance, floor, approach route and battery duty.
FY-PWPM07 Electric	Suitable rotating loads needing top support with an electric press drive.	Check top contact, load sensitivity, height range, lift travel and utilities for fitted options.
FY-PWPM07 Pneumatic	Suitable rotating loads needing top support with a pneumatic press drive.	Check top contact, stroke and the specified air pressure, flow and quality.
FY-PWPM08	Stationary pallets wrapped by a rotating arm when load rotation is unsuitable.	Confirm arm sweep, overhead clearance, access, guarding and conveyor or control interfaces.
FY-PWPM09	Pallet wrapping combined with a defined weighing requirement.	Confirm wrapper capacity, scale range and accuracy, gross/net use, records and data output.

Top sheet is not top support

FY-PWPM04 places a protective sheet.
FY-PWPM07 contacts suitable loads from above. A platen does not apply a sheet or replace correct stacking and load validation.

Configuration is a whole system

A larger table does not automatically increase rated capacity. Likewise, stationary-load wrapping still applies film forces. Confirm geometry, load suitability, film and handling together.

Prepare a useful application brief

Load range

Send minimum and maximum length, width, diagonal, height and weight, including overhang. Add photographs of typical loads and any irregular or changing shapes.

Stability and top contact

Describe loose layers, a high center of gravity and compression-sensitive goods. Say whether rotation is acceptable and identify any top surface suitable for a platen.

Protection and measurement

State the required film coverage, top-sheet protection and any weighing purpose. For scales, define gross or net weight, accuracy needs, records, printing and data interfaces.

Handling and peak demand

List forklift, pallet-truck or conveyor handling, average and peak loads per hour, shifts and manual film duties. Include positioning and removal in the cycle.

Layout and utilities

Share a floor plan with approach routes, obstacles, overhead limits and service access. Provide destination power and available air; include charging arrangements for mobile wrapping.

Film and acceptance

Specify film grade, width and thickness, then agree the required containment and finish. Use representative loads to compare accepted wrapping quality, full-cycle time and film use.

A PRACTICAL ROUTE TO A CONFIRMED CONFIGURATION

01 Describe the load

Collect the complete load range, photographs, stability limits and the actual handling route before comparing platforms.

02 Shortlist the platform

Decide whether the pallet may rotate, then select the protection, support or weighing function needed.

03 Confirm the configuration

Review the movement envelope, operator duties, utilities and every optional interface against the proposed layout.

04 Agree the acceptance trial

Use typical loads and film to confirm containment, finish and the full cycle before accepting performance.

This guide supports a shortlist; it does not define a universal load limit or guarantee output. Confirm dimensions, capacity, platen settings, scale performance, utilities, safeguarding and automation scope in the quotation and approved drawings. Use the supplied machine manual for installation, operation and maintenance.

OFFICIAL REFERENCES

1. Pallet platform selection guide
2. Current pallet range
3. Current machinery catalogue
4. FY-PWPM07 Electric application guide
5. FY-PWPM07 Pneumatic application guide