

NEOBRIDGE

TP1650F-L Pallet Wrapping Machine

A smarter upgrade from hand-wrapping — made for busy warehouse teams

Hi — if you're reading this, you're probably spending more time hand-wrapping pallets than you'd like. This document walks you through the TP1650F-L stretch wrapping machine and explains what changes (and what doesn't) when you make the switch.

What you're getting

The TP1650F-L is a semi-automatic stretch wrapper. You place the pallet on the turntable, attach the film, and press start. The machine does the wrapping — you just cut the film at the end.

It comes with a loading ramp (optional add-on) so forklifts and pallet jacks can drive straight on, making it easy to integrate into your existing warehouse flow.



TP1650F-L with optional loading ramp

At a glance

Up to 20–30 pallets / hour	Holds up to 2,000 kg per load	Wraps up to 2,000 mm tall	Film stretch 250% less film used
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What changes when you stop hand-wrapping

	Hand-wrapping (current)	TP1650F-L Machine
Time per pallet	5–10 min (depends on person)	60–90 sec (machine-controlled)
Consistency	Varies — tired workers wrap less tightly	Same tension, same layers, every time

Film usage	Hard to control — easy to over-wrap	Pre-stretch up to 250% reduces film cost
Staff needed	One person fully occupied per pallet	Load it, press start, walk away
Physical strain	Repetitive bending and walking	No bending — operator stays upright
Pallet security	Depends on how well it's wrapped	Consistent wrap protects goods in transit

Note: throughput figures depend on pallet size and wrap settings. Actual speed may vary.

How it works — three steps

This is a semi-automatic machine. There's no complex programming — your team will be comfortable using it from day one.

1

Load the pallet

Drive or place the pallet onto the turntable using a forklift or pallet jack. The optional ramp makes this seamless — no lifting required.

2

Attach the film and press Start

Thread the film to the pallet leg (takes seconds once you've done it once), then press the Start button. The turntable spins and the film carriage travels up and down automatically, wrapping the load to your preset settings.

3

Cut and remove

When the cycle ends, cut the film and pull the pallet off. That's it. The turntable returns to its starting position automatically, ready for the next pallet.

What you can adjust

All settings are on a touchscreen — no manuals needed for day-to-day use. You can set:

- How many wraps go around the top and bottom of the load
- How many times the film carriage goes up and down (more passes = tighter, more secure wrapping)
- How fast the turntable spins (0–12 rpm, adjustable to suit fragile or heavy loads)
- How fast the film carriage travels up and down
- Film tension — how tightly the film is pulled as it wraps

Once you've found settings that work for your pallets, you can repeat them every time. No guessing, no variation between operators.





Key features



Touchscreen control



Power pre-stretch system

Simple on-screen controls. Set your wrap parameters once; the machine remembers them.	The film is stretched up to 250% before it reaches the pallet. Same coverage, less film consumed — lower ongoing cost.
 Auto-return turntable After each wrap cycle, the turntable automatically returns to its home position. No manual spinning back.	 Adjustable wrap height Wraps loads from 500 mm up to 2,000 mm tall. No adjustments needed when switching between different pallet heights.
 Dual-chain carriage drive The film carriage runs on two chains for smooth, stable travel — less vibration means a cleaner, more consistent wrap.	 Optional loading ramp An add-on ramp lets pallet jacks and forklifts drive straight onto the turntable. Makes loading and unloading much faster.

Technical specifications

Turntable diameter 1,650 mm <i>Fits pallets up to 1,200 × 1,100 mm</i>	Max. load weight 2,000 kg
Wrap height range 500–2,000 mm	Turntable speed 0–12 rpm <i>Variable speed, adjustable on screen</i>
Film pre-stretch Up to 250%	Power supply 220V, single-phase
Power consumption 1.5 kW	Column height 2,400 mm
Turntable height 85 mm	Machine weight 600 kg
Compatible film 15 µm or 23 µm, 500 mm wide <i>Both available from Neobridge</i>	

The loading ramp is an optional add-on. If you use a forklift or pallet jack to move pallets, we recommend including it — it makes daily operation significantly faster.

What you'll need on site before installation

Before we deliver, please check:

- ✓ A flat, level floor area (the machine weighs 600 kg)
- ✓ A 220V single-phase power outlet within reach — a dedicated circuit is recommended
- ✓ Enough ceiling clearance: the column stands 2,400 mm tall
- ✓ Space for a forklift or pallet jack to approach from at least one side

What film to buy

You'll need to switch from hand-wrap film to machine-grade stretch film. These are different products — machine film is thinner and designed to be pre-stretched by the machine.

Colour	Thickness	Stretch	Width	Roll length
Clear	15 µm	280–300%	500 mm	2,500 m / roll
Clear	23 µm	280–300%	500 mm	1,420 m / roll

The 15 µm option gives more metres per roll and suits standard loads. The 23 µm option is heavier-duty and better for sharp-edged or heavier pallets. Both are available through Neobridge.

What Neobridge handles

- Delivery and installation at your warehouse
- Initial setup and parameter configuration
- On-site walkthrough with your team so everyone knows how to operate it
- Ongoing support for questions and troubleshooting
- 2 Year Warranty
- 1 Complimentary On-Site Service Visit

Ready to talk it through?

We're happy to answer any questions, walk you through a demo, or put together a quote based on your setup.

Neobridge | neobridge.co.nz