

Technical specs

Electrical power input	400 V three-phase 50 Hz, Control circuits 24 V AC / DC
Installed power	17 kW
Air pressure	6 Bar
Work surface height	900 mm
Throughput	10 packs / minute - 16 packs / minute
Film type	14/30 micron gauge flat sheet polyethylene
Dimensions	L 3750 mm x W 1250 mm x H 1780 mm

Technical features



Electrical system complete with control panel and wiring on board the machine created with electromechanical execution, with Omron PLC and control of functions by means of a programmable keypad from which all adjustment parameters can be set, namely:

- Facility to stop infeed conveyor allowing the intermediate conveyor between the sealing bar and heat shrink oven to run in such a way as to allow the operator to prepare the pack to be heat sealed on the infeed belt. Packs are forwarded into the machine by pressing a button which resets automatically after each press.
- Facility to perform manual heat sealing
- Switching of machine operation by means of the programmable oven control keypad:
 - Steam only
 - Electric heating only
 - Dual heating
- Set-point and limit temperatures of the heating components with relative hysteresis values
- Speed of conveyors in m/min
- Response time of product flow control photocells.

Optional

- Motorized drive unit for moving small and light parts
- Pressure operated by pneumatic cylinder for holding the pack during film welding
- Cooling fan packs leaving the heat shrink
- Steam Solenoid Valve Controller
- Thermostatic condensate drain



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Texfinity online support

All Texfinity machines have online support, which allows easy maintenance and avoids sending expensive technicians all over the world. Our machines are developed as such for maximum support from one central location.

Texfinity warranty

All our machines receive upto 3 years full warranty. Find out more in detail with the responsible sales person for your region.



Texfinity identity

All our machinery will receive a name unique to Texfinity, visualised with a T, and protected with a registered name. With a wide range of equipment, Texfinity is one of the few producers in the world of fully owned & developed ironing lines.

Tpack[®]

Automatic thermal packaging

Heat shrink oven (with steam heating coil on oven roof) with dual insulation composed of fibreglass matting for optimal heat retention in the oven chamber; 2 fans for forced air circulation in the oven, internal baffles to facilitate control of the heated air flow direction in the area below the pack, armoured electric heating elements provided for use when insufficient steam is available, conveyor utilising perforated TEFLON belt driven by a gearmotor connected to an inverter for stepless speed control, with parameters setttable from the control panel to adjust the throughput rate; oven hood of 1300 mm in length with inlet port width of 800 mm and height of 400 mm.

Borders presser unit at oven exit to optimise film adherence on the sides of the heat shrink pack.

Texfinity builds strong and performant laundry machines. We use state of the art components and fast and reliable controllers to assure a long life and ease of operation.



Sealing unit with upper and lower motorized reel unwinders, welding bar with working length of 800 mm, cold knife film cutting and sealing system operated by means of a pneumatic cylinder.

Front feeder with PVC conveyor belt approximately 800 mm in length.

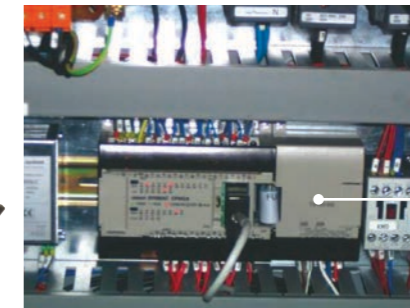
Pneumatically operated retracting fence to facilitate transit of the product on the machine front infeed belt.

Safety protections composed of two fixed panels and two mobile panels made of clear polycarbonate and protected with interlock microswitches.



Technical components

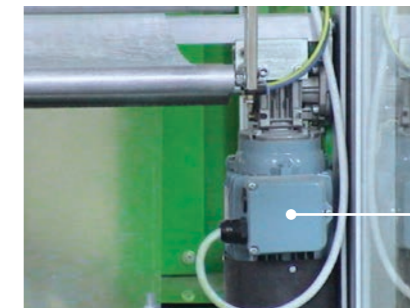
Touch Screen keyboard for machine function control. The machine is also equipped with a weekly automatic ignition and shutdown system that can be set by the operator.



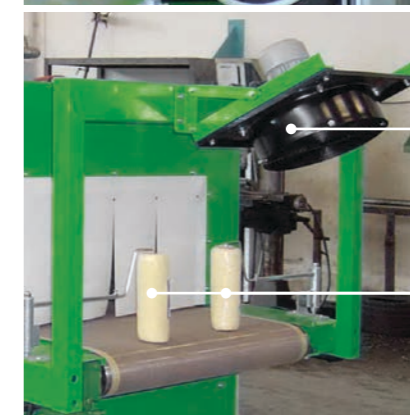
Instrument P.L.C.



Inverter for speed control of motors.

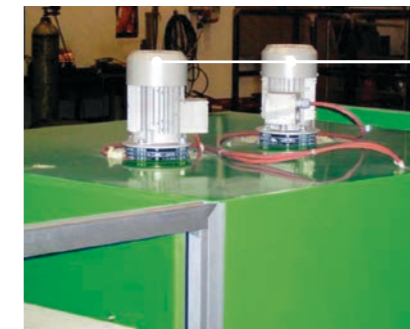


Group drags films to allow the passage of low weight garments (150 gr.) Works automatically.



Cooling fan packs

Press rollers



Thermorescence oven ventilation motors.

TEXFINITY[®]
INDUSTRIAL LAUNDRY APPLIANCES