

Applications:

The Handle-It Vertical Strapping Machine is specially designed to secure loads to the pallet to prevent movement during transport and storage. Often used in manufacturing, food & beverage, pharmaceuticals, and construction, strapping machines offer high stability at a fraction of the time of other containment methods. The Handle-It Vertical Strapper can operate as a stand-alone machine or may be integrated in an automatic line.

Working Process:

The operator places the load on the powered roller conveyor. The load is then conveyed to the first strap position. The arch will automatically adjust to the load size, feed the strap around the load and apply necessary tension. Finally, the strap is cut and heat-welded. The arch then ascends and the load is conveyed to the next strap position; the cycle is performed again until the selected strapping program is completed.

Standard Machine Features:

- Robust strapping head for polypropylene (PP) strap with easy to access components.
- Easily accessible strapping threading with touch screen adjustable tension.
- Thremo-fusion strapping seal with electronically adjustable temperature.
- Solid steel frame structure built for working in extreme environments such as construction.
- Reel winder with self-adjusting recovery serpentine to prevent strap deformations while the machine is on standby.
- Security system which stops the unit if the strap does not arrive to the strapping head before the first strap is to be done; avoiding having to start a new strapping cycle
- Touch screen to adjust up to 30 settings, mainly:
 - ✓ Strapping tension.
 - ✓ Load or product name memorization in the program.
 - ✓ Cooling time setting to obtain greater strap strength.
 - ✓ Cycle counter, to monitor the number of loads, strap usage & maintenance.
 - ✓ Visual warnings (pictures displayed) for breakdowns, maintenance & safety.
 - ✓ Multilingual: 7 language options
- Machine meeting CE safety standards (2006/42/CE 2014/30/UE 2014/35/CE-BT).

**Powered Conveyor is required with this unit. -Sold separately-

*Technical features subject to change without notice

**Machine Specifications:**

Min/Max. Load Height	-with lance: 11.8"/74.8" -with close arch: 4"/74.8"
Max. Load Width	57"
Min. Combination of Load	W16"x H39" - 55lbs
Productivity	60-70 pallets/hour
Max. Tension	4000Nw (PP) -- 5000Nw (PET)
Controls	Weintek 7.5" Touch Screen

Electrical Equipment:

Engine	2.96 Kw
Power Supply	400V III+N
Electrical Consumption	2 Kw
Electrical Operation	24V cc
Motors	MGM, MEB, Nerimotori
Speed Inverters	Fuji
PLC	Omron (series CP1L)
Pneumatic	Metal-Work
Pneumatic Pressure	87psi (6 bars)
Pneumatic Consumption	0.35 liters / cycle

PSM-FA-VCA

VERTICAL STRAPPING MACHINE

HANDLE-IT® - PSM Series

Optional Add-On Features:

- Closed arch W63" x H70" (for open pallets or loads without pallet).
- Closing arch lance W63"xH70" (for closed pallets) with safety system that stops in case of obstruction.
- Combo closed arch & closing arch lance W63"xH70" (for open & closed pallets) with safety system that stops in case of obstruction.
- Machine height extension for pallets from H74.8" up to H98.4".
- Gravity rollers, belt or chain conveyor - W40" x L59" (available in other dimensions).
- Automatic lateral translation of the machine up to the load.
- Safety fences and access door.
- Safety barrier MUTING "L" or "T".
- Pallet height automatic detection (for high output).
- Top press for cardboard up to 6.600 Lbs. (by gear-motor with electro-brake).
- Floating strapping head - fits to the load strapping tension need, thus distributing the strap tension to both sides of the load.
- Double strapping head, double lance & double strap dispenser.
- Strapping head for polyester (PET) strap.
- Acoustic and/or visual warning when the strap-reel is running out.

