

STEP TP-733H CASTOR

Fully-Auto Pallet Strapping

Machine for Horizontal Strapping Applications

TP-733H is a fully automatic pallet strapping machine designed for packaging applications that require horizontal strapping. It secures pallet loads and stacked boxes by horizontal strapping with P.P. or PET straps. The TP-733H can accommodate a wide variety of products and be easily integrated with new or existing production lines. With the user friendly and state-of-the-art design, TP-733H helps maximize uptime for greater production efficiency and lower packaging cost.



Features

- STEP ARES TP-733-SH strapping head
- Index strapping head
- Strap guide arm
- Safety rack
- Friction weld sealing technology
- Siemens PLC and HMI
- Free access to strap guides
- Swivel dispenser set
- Adjustable sealing and cooling time
- Strap end ejector
- Preprogram setting
- Easy to retrofit

The enhanced **STEP TP-733H** provides accurate strapping output on all natural-sized loads with consistent performance. It maximizes the productivity and minimizes the production cost for users. Designed for simple and quick connection to the master control system, STEP TP-733H can easily fit in various end-of-line packaging sectors. It is your best choice for fully automatic operation in various applications, including palletized products, home appliance, bricks & blocks, etc.

Arch sizes standard: 1400W x 1450L

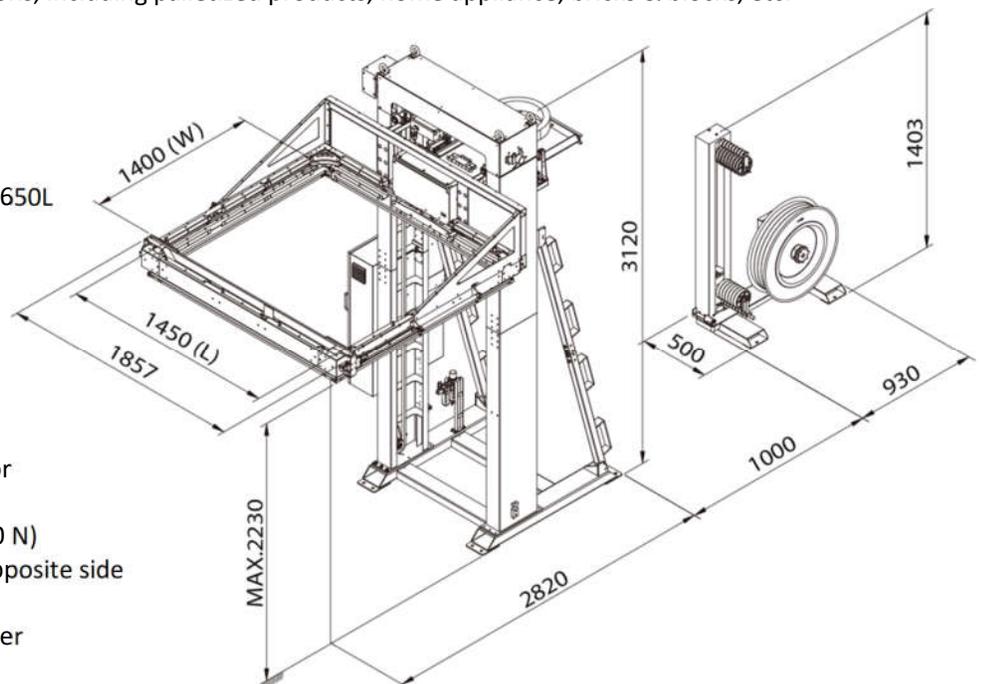
Optional arch sizes:

1600Wx1450L, 1600Wx1650L, 1400Wx1650L

Special on demand.

Options

- Floating Head
- Free standing operation desk
- Light tower with low strap sensor
- Dual channel E-Stop
- Lower tension range (200 – 1200 N)
- HMI and PLC mounted on the opposite side
- No safety rack
- 200 mm / 280 mm strap dispenser
- Uplifted support
- Maximum package height up to 2700 mm
- Strap program selecting by remote control (4-bit binary input)



Technical Data

Capacity	Up to 60 pallets/hour (3 parallel straps)
Strap Type	PP or PET strapping
Strap Width	12 mm, 15.5 mm, or 19 mm
Tension Range	1100 – 3200 N (standard) 200 – 1200 N (optional)
Minimum Strapping Height	(a) With conveyor: 160 mm above conveyor surface (b) Without conveyor: 240 mm above floor
Maximum Package Height	2200 mm
Strap Core Size	406 mm
Pneumatic Source & Air Consumption	6 bar 7.1 liter/cycle
Electrical Requirements	220V, 380V, 400V, 415V 50/60Hz 3PH
STEP Item no.	41203150

**Index Strapping Head**

During the strapping cycle, the strapping head is movable towards the package with stroke of max. 300 mm for maximum strap containment efficiency.

**Strap Guide Arm**

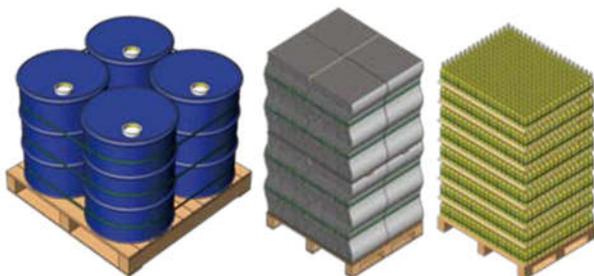
To ensure precise strap position to the load.

**Safety Rack**

Underneath the arch to ensure the highest

**PLC Control and HMI**

The PLC control and HMI (touch panel) provide easy adjustments, operating instructions and troubleshooting guides. Easy TEACH-IN programming. User friendly.



It has 10 strapping patterns with up to 10 different strapping positions. There is no need to adjust the setting when changing to different package sizes. Reduce downtime and save cost.