

CALLISTO pallet nailing machine

The machine is operated by one or two persons.
The pallet elements are placed and collected manually. The workspace of one side of the working table is: 1200 x 2200 mm.

As the bridge moves and nails the pieces in the template on one side, the operator can place pallet elements in the other template, located on the other side.

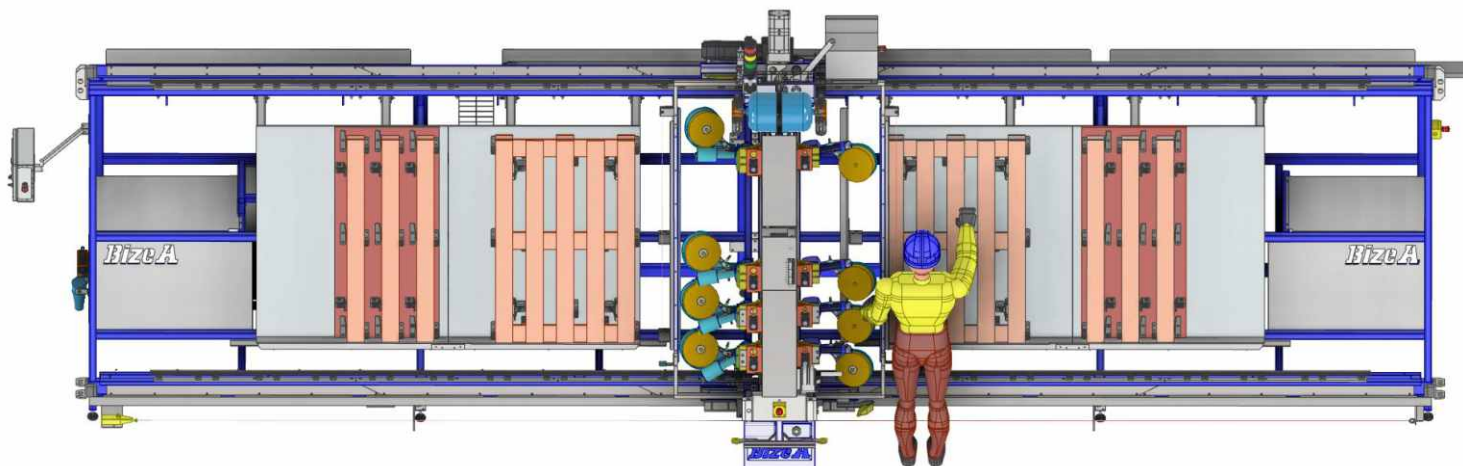
Machine dimensions (L x W x H): 7850x2100x2700 mm

Weight (3 elements): approx. 2,000 kg

Compressed air supply: 8 bar

Power supply: 400 V, 2.2 kW

On the movable bridge there are 4 adjustable carriages, each with a BIZON 903DC and 553DC pneumatic nail guns equipped with Jumbo coil magazines. PLC control system allows one to add programs manually, optionally you can import programs from a USB flash drive.



In the configuration shown above, you can see templates on both sides of the machine worktable:

1. Template for the top of an industrial pallet, and 2. forms for three sets of legs for the next pallet.

It is possible to set up templates/forms to nail two pallet tops side by side, assuming that the sets of legs are made at a different workstation. (PLEASE SEE OUR STONOGA PALLET LEG MACHINE)

Estimated nailing time on one side of the machine worktable,

- 5 top boards for pallet 800 x 1200, time: 25-30 seconds*

- and 3 sets of legs for pallet 800 x 1200, time: 45-50 seconds*

- 2 templates for 5 top boards each, for two pallets 800 x 1200, time: 50-60 seconds*

* the time of laying and removal of elements by the operator has not been taken into account

Estimated output (800 x 1200 pallet) for the following forms:

pallet + 3 leg sets - approx. 80 sets/h

two pallet tops - approx. 120 pieces/h

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Fastening systems: Staples, nails, tools and machines.