

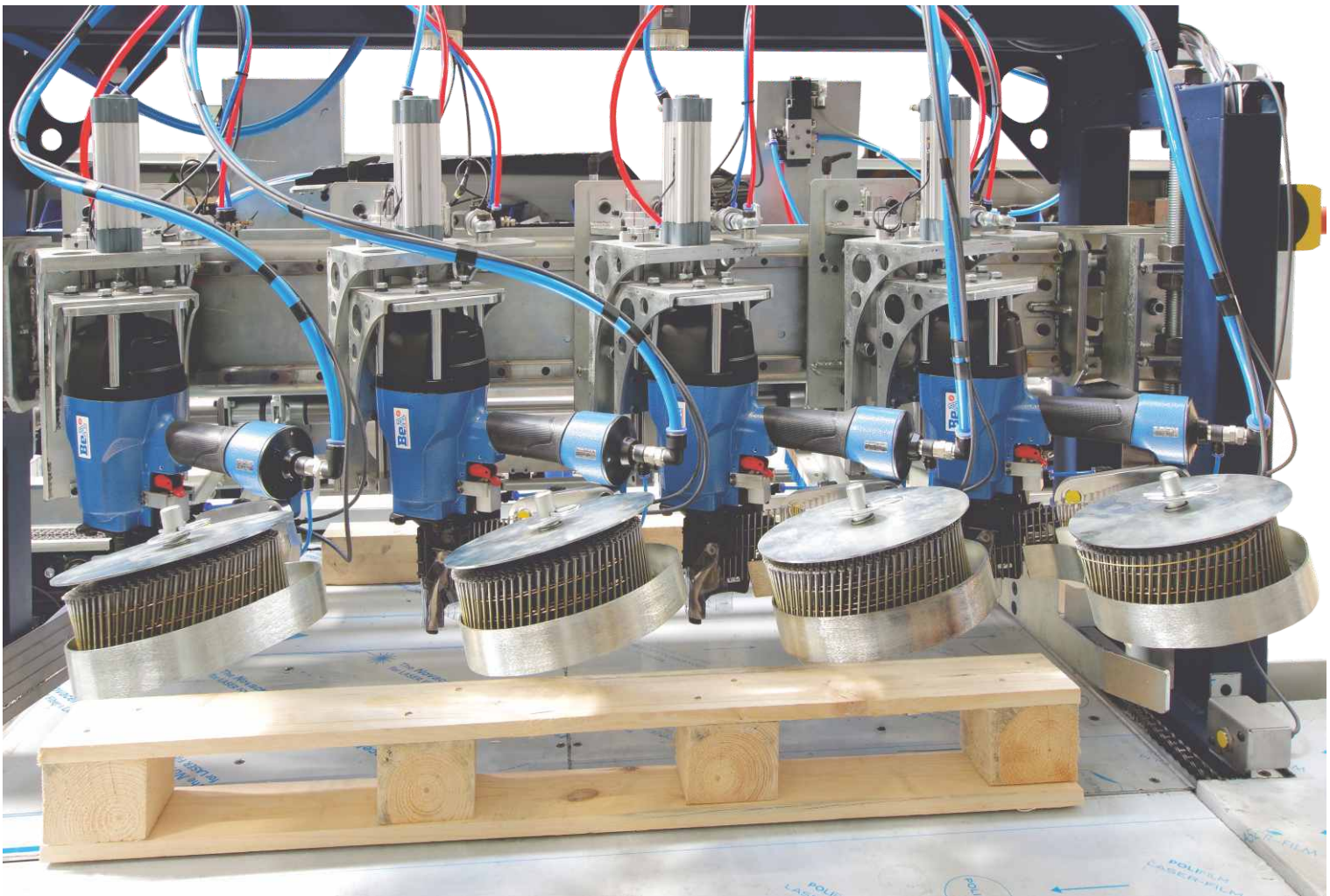
## „LEGPAL” assembly machine for pallet legs

### Application, product description:

- wooden shipping brackets (similar to pallet leg) necessary for carriage of long flat products
- two boards nailed to blocks
- one board nailed to blocks (typical pallet leg design)

### Fasteners and tools:

- jumbo coil nails, length 50 – 90 mm
- eight pneumatic nailers with jumbo magazines



### LEGPAL 1200 – automatic line for assembly of wooden shipping brackets

#### - dimensions of wood pieces:

2 boards - length: 600 - 1200 mm, width: 68 - 120 mm, thickness: 16 - 25 mm

2 - 4 blocks, width: 68 - 120 mm, height: 60 - 110 mm

other dimensions – on request

#### - Nailers with JUMBO magazines (600 nails per coil)

BDC nails (coil nails) , diam.: 2,5 - 3,1 mm, length: 50 - 90 mm

#### - possibility to mount a heating unit for burning marks on the wooden blocks



Machine can be handled by one operator – output: 215 – 280 pcs/h

# „LEGPAL” assembly machine for pallet legs

## Technical data

Dimensions – version “LEGPAL 1200”  
L x W x H: 5320x2420x2070 mm  
Nailers BeA DC/80-802C  
Marking burner  
Compressed air supply: 8 bar  
Electric Power supply: 400 V, 2,2 kW

## Principles of operation

Machine can be handled by one or two operators.

LEGPAL machine is composed of two nailing units, each one equipped with 4 air nailers.

The first unit **1** nails the board to the blocks, then the element is turned upside-down and moved to the second nailing unit.

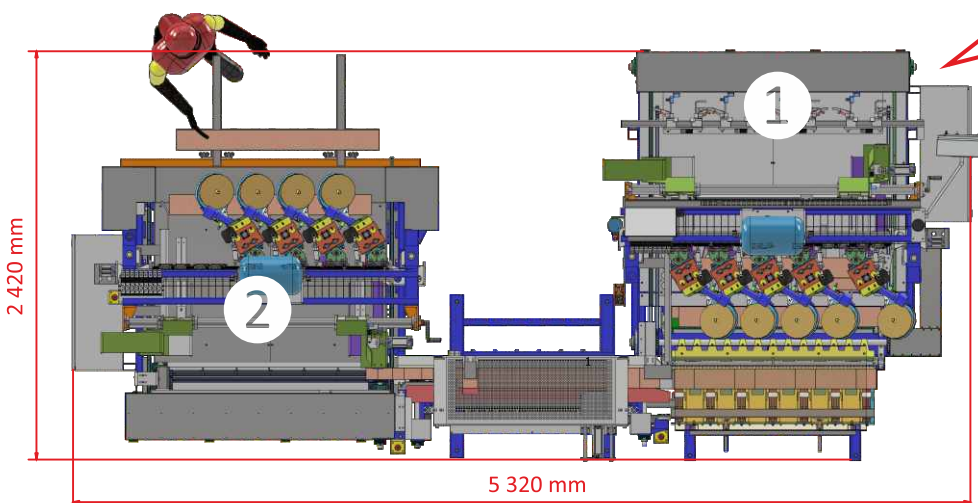
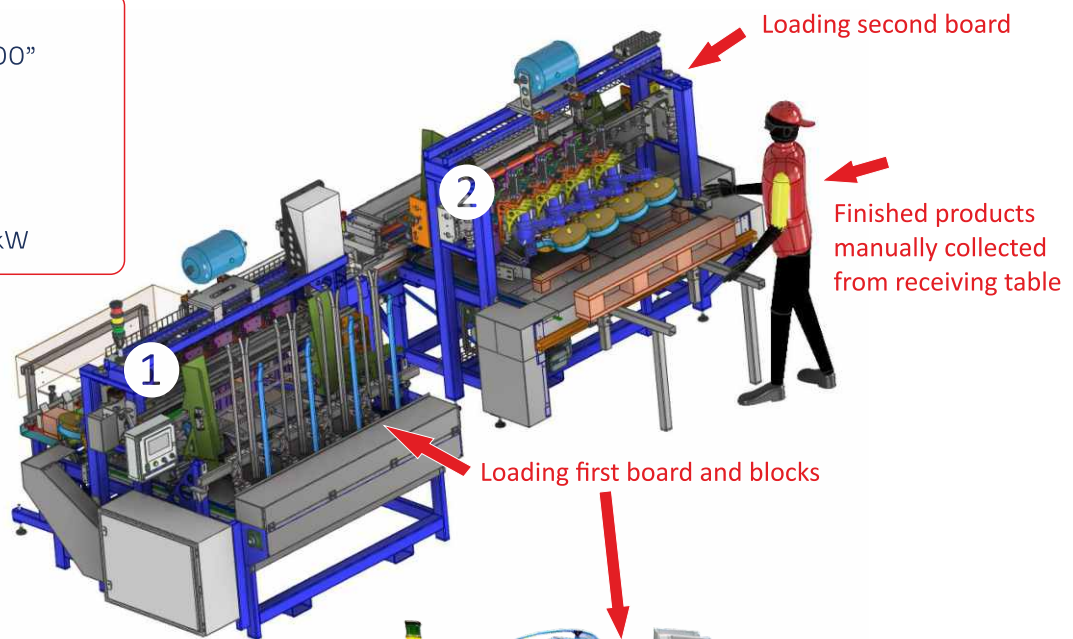
On the conveyor there is a burning unit or printer mounted for burning or printing marks on the wooden blocks.

The second nailing unit **2** fixes the top board and ejects the ready shipping bracket to the receiving table.

Loading of block and boards to their respective gravity magazines is done by hand.

Movement of the nailer is programmed in three axes to ensure nailing pattern with offset.

Programmable PLC controller with touch screen allows for the changing of work parameters and work supervision.



The first nailing unit **1** (fixing blocks to the board) may work separately as LEGPAL-1 – a highly efficient machine for making pallet legs for production standard industrial pallets.



LEGPAL-1 is available as a separate machine.