

Automatic machine Polifemo 4.0 integrable with pallet movement

Item DV4

Automatic machine able to perform all kind of perimetric and/or in-line bonding at any point of a piece placed on a flat surface. Equipped with 2 spraying guns model G6 with 1,2 mm adhesive nozzle whose width of jet goes from a minimum of 3 mm up to a maximum of 22 mm with a margin of mistake of +/- 1 mm. The machine is equipped with industrial Computer, 6 megapixel camera, Ethernet card ready for remote access and 19" LCD monitor, 4 axis X-Y-Z-W management program, models editing program. Automatic pallets moving: included in this configuration are a minimum of 11 pallets mm 850x615. This configuration allows the operator to always have at his disposal 1 pallet in the first line on which to place the materials and then take them back for the bonding phase.



The operator places the components to be bonded on the pallet; the pallet goes automatically inside the machine using a movement system, so the automatic moving of pallet takes place either clockwise, returning the already sprayed and dried pieces to the operator, or counter clockwise where, immediately after spraying, the pieces are transferred to the operator for direct bonding. The operator does not need to move from his working place. The machine is able to recognize the image of each component previously photographed, the kind of bonding predefined by the models editing program and to carry out the requested bonding on each component according to the following parameters: width in mm, distance from the edge and quantity of adhesive required depending on the absorption level of the material. Thanks to a radio system, it is possible to handle different models and working phases. All instructions set by the operator are saved in a file and can be re-called with a simple click during the next working process.

Technical Data:

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Capaciy m3/h: 3050	Volt: 400 V ac	Pressure head: 53	Air (lt/min):	Bar: 6
Decibel: <80	Watt: 1500	Hertz: 50	Ampere: 7	Average Consumption: 1,5 KW-H
Gross Weight: 1100	Tare (kg): 10	Lenght (mt): 3,7	Height (mt): 2,52	Volume (m3): 18
Net Weight: 1090		Width: 1,95	Working surface (cm): 54,5 x 72	