where ideas become technology



## Scalable & modular ODD-shape assembly

Neoplace 304 modula is the optimum solution wherever is required the assembling of a limited number of different components and a high production performance.

The compact mechanical structure makes possible to scale the requested configuration to achieve the needed throughput. Each neoplace 304 modula is a system fully integrated in order to create a modular, flexible and scalable assembly line.

The fast and easy set-up, together with the wide range of OSAI feeders and grippers, guarantees the necessary flexibility asked for production that need sudden configuration changes.





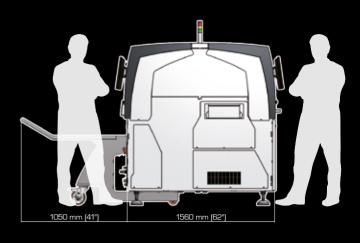












MACHINE CONFIGURATION	
SMEMA compliant	
300 mm (12") with automatic width adjustment	
SMEMA	
From left to right (optional from right to left or pass-back)	
Front of the machine	
PANEL DIMENSIONS	
70 mm to 350 mm (2.8" to 14") - 50 mm to 30	00 mm (2" to 12")
Up to 3 kg (6,6 lbs)	
3 mm flat belt	
0.5 mm to 3.5 mm (19,7 mils to 138 mils)	
Up 100 mm - Down 40 mm	
Up to 400 mm (Up to 15.7") - Up to 100 mm $\cdot$	+ 300 mm + 100 mm (Up to 3.9" + 12" + 3.9")
<b>C</b> € 400V	208/240/277/440/480/575V
<b>(€</b> 3P+N+PE - 50/60 Hz, +/- 10%	3Ph+GND 3 Wire - 50/60 Hz, +/-10%
Typical 3 kW at work	
6 bar (87 p.s.i.)	
<100 NI/min. (26,4 gpm)	
MACHINE DESCRIPTION	
900 mm x 2610 mm x 1900 mm (35.5" x 103"	x 75")
Data Matrix ECC200, Code 39, Code 128, 2/5	Interleaved, QR code
+/- 5 µm (0,19 mils)	
+/- 10 µm (0,39 mils)	
150 m/min - 150 m/min - 54 m/min	
500 N constant 800 N Peak (1s)	
Up to 4 feeder (for feeder T&R become bigger	depending on the feeder dimensions)
1,2/1,6 sec	
Stand alone, Inline, Passback	
Approx. 1500 kg (3307 lbs)	
RAL 9018, RAL 7016	
< 70 dB	
	300 mm (12") with automatic width adjustment SMEMA  From left to right (optional from right to left or Front of the machine  70 mm to 350 mm (2.8" to 14") - 50 mm to 30 Up to 3 kg (6,6 lbs)  3 mm flat belt  0.5 mm to 3.5 mm (19,7 mils to 138 mils)  Up 100 mm - Down 40 mm  Up to 400 mm (Up to 15.7") - Up to 100 mm - 10 Up to 400 mm (Up to 15.7") - Up to 100 mm - 10 Up to 400 mm (Up to 15.7")  (400V  (6 3P+N+PE - 50/60 Hz, +/- 10%  Typical 3 kW at work  6 bar (87 p.s.i.)  <100 Nl/min. (26,4 gpm)  900 mm x 2610 mm x 1900 mm (35.5" x 103" Data Matrix ECC200, Code 39, Code 128, 2/5 +/- 5 µm (0,19 mils)  +/- 10 µm (0,39 mils)  150 m/min - 150 m/min - 54 m/min  500 N constant 800 N Peak (1s)  Up to 4 feeder (for feeder T&R become bigger 1,2/1,6 sec  Stand alone, Inline, Passback  Approx. 1500 kg (3307 lbs)  RAL 9018, RAL 7016

1st assembling head, In line conveyor with automatic width adjustment, Interchangeable trolley, Double touch screen monitor, Simplified and

STANDARD FEATURES

· Second head

· Passive clinch

Active clinch

**UPGRADES AND OPTIONS** 

• 2D code and fiducial recognition

• Vacuum and mechanical gripper

- Automatic gripper change system
- Servo gripper to manage different PCB widths
- Pallet conveyor
- DB connection
- Placement force check

intuitive graphical user interface, Pc, SMEMA electrical interface, ESD-safe design, CE-safety compliant