

PPU-E

Modular Assembly Automation

Pick&Place Unit PPU-E 50:

The record holder now also for higher loads

Speedy cycle times

PPU-E 50 – series expansion of the linear direct driven PPU-E, the fastest Pick&Place unit on the market. For a complete cycle with 280 mm horizontal stroke and 150 mm vertical stroke the PPU-E 50 needs only 0.92 s with additional mass of 2 kg and a gripping time of 2 x 60 ms. For highly dynamic movement of masses up to 5 kg.

High speed and precision

Two integrated position measuring systems monitor the vertical and horizontal movement and guarantee high repeat accuracy. Intelligent controllers can control the cantilever arm and the actuators without a higher level control unit. The necessary software is already integrated.



Winner in its category



Sensational!

Maximum acceleration 100 m/s²,
maximum speed 4 m/s.

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New Product

Successor product

New Sizes

Immediately available



Sizes
30 .. 50



Maximum work level
280 mm x 150 mm



Repeat accuracy
0.01 mm



Speed
4 m/s



Maximum payload
5 kg

Product features

- All in one – Plug & Work
- All connections on the back panel – for optimal accessibility
- No moving motor cables eliminate possibility of broken cables
- Individual axes are independently programmable
- Interpolation of axes possible

Your advantage

- Higher system productivity due to minimal cycle times
- Reliable processes due to excellent repeat accuracy
- Minimized energy costs due to consistently lightweight design
- Higher system availability due to elimination of moving motor cables
- The unit offers all the advantages of a direct drive – without any susceptible transmission of motion. No wear.

Function cross section

- 1 Rail guidance
- 2 Motor for vertical axis
- 3 Motor for horizontal axis
- 4 Distributor box
- 5 Micro valves
- 6 Motor connector

