

Start Small. —→ Grow Large.

The new stand-alone cell from teamtechnik



Stand-alone cell, equipped with a laser/optic process module and a laser control tower

NEW!

- Your Cost-Effective Start to Production
- Optimization of Manual Assembly
- Long-Term Investment Protection

The new, self-sufficient TEAMOS production unit consists of a manual work station and can be equipped with up to four compatible assembly and test processes.

With increasing throughput, TEAMOS process modules can be unplugged from the stand-alone cell and integrated into a TEAMOS assembly system in very short time. This guarantees long-term protection for your process technology investments.

Advantages:

- Quick, cost-effective way to start using industrial production technology
- Optimization of your manual assembly process by combining it with proven automatic process technology
- Flexible and cost-effective assembly solution for small to medium-sized production lines, particularly when production varies
- Maximum reusability of process modules, e.g. for replacement parts when production lines are downsized
- Standardized, low-cost components are used



Integration of process modules into a TEAMOS assembly system



**team
technik**

production technology

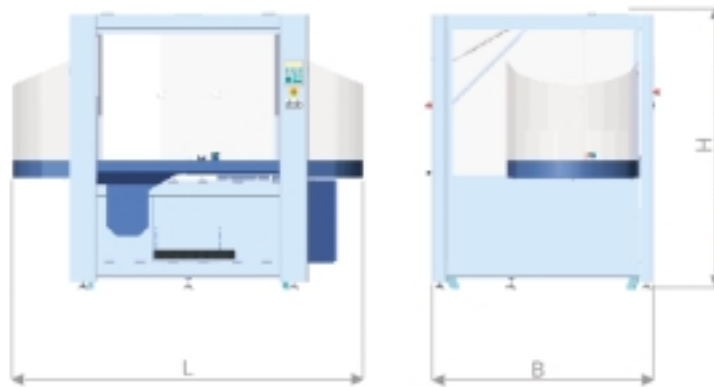
Standard Design Specifications:

- **Man-machine combination:**
Seated/standing workplace with independent process modules and integrated lighting
- **Work piece carrier sizes:**
240 mm x 240 mm
320 mm x 240 mm
- **Max. transport load:**
Overall up to approx. 60 kg
- **Transfer speed:**
15 m/min
- **Station controls:**
CPU S7-315-2DP (Profibus)
- **Operator interface:**
OP7
- **Dimensions in mm:**
Size 1
L x B x H = 2700 x 1600 x 2100
Size 2
L x B x H = 3100 x 1600 x 2100
- **Weight, without process modules:**
approx. 800 kg
- **Power requirements:**
400 V / 50 Hz, 16A
- **Line pressure:**
max. 10 bar
(pressure regulated to 6 bar, nonlubricated)

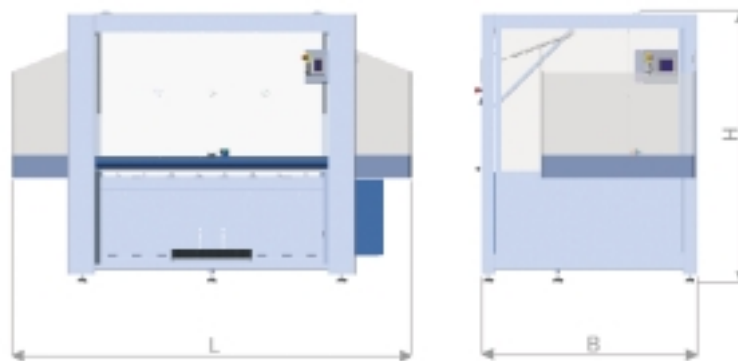
Options:

- Touch panel TP 170 B
- ESD design (anti-static)
- S7-318-2DP CPU (Profibus)
- Material staging module
- Manual handling module
- Lifting module
- Semi-automatic handling module
- Kanban module

Standard design with chain conveyor system



Standard design with dual-belt transfer system



Both versions are available in two sizes:

Size 1: For up to three process modules, **Size 2:** For up to four process modules. Integrable processes include those with the following widths: 400 mm/800 mm/1200 mm. In addition, Size 2 allows for a 1600 mm wide process module.

On track for success with teamtechnik:

teamtechnik provides highly flexible modularized assembly and test systems. Using standardized components, we offer our customers cost-cutting and adaptable solutions. Many market leaders have already been successfully working with teamtechnik systems for years.

teamtechnik – strong in five product ranges:

- Assembly systems
- Testing systems, Transmission test technology
- Special-purpose machines
- Medical systems
- TEAMOS system components



teamtechnik

Maschinen und Anlagen GmbH
Planckstraße 40 · D-71691 Freiberg
phone: +49 (0) 7141 - 70 03-0
fax: +49 (0) 7141 - 70 03-145

Your contact for the stand-alone cell:

Mr. Wolfgang Müller
phone: +49 (0) 7141 - 70 03-163
phone: +49 (0) 72 33 - 56 11 (regional office)
E-Mail: wolfgang.mueller@teamtechnik.com