



sar@Stacker

The sar@Stacker has been designed for the unmanned loading and unloading of components for metal-working machines such as injection moulding machines, CNC machines etc. For a high level of self-sufficiency, special attention was paid to the long buffer time.



Advantages

- minor space requirement due to compact design
- quick tray changeover times
- stable design
- powder coating of all steel parts
- modular design
- low investment costs
- infeed / discharge in both directions
- high buffer capacity (expandable)
- modern design
- integrated control cabinet
- integrated traffic light
- IO link
- low maintenance

Options

- Automated loading and removal by means of a six-axis robot
- Tray hold down clamp
- Infeed and discharge by means of a trolley (infeed via lower level)

Design & execution

- solid and modular steel construction
- dimensions: please refer to technical specifications

Specifications

- Tray – changeover time of approx. 6 sec.
- Individual tray weight incl. workpiece 5 kg maximum
- Tray stacker weight 50 kg maximum
- PLC controller with visualisation (optional)
- Machine safety: Active door lock

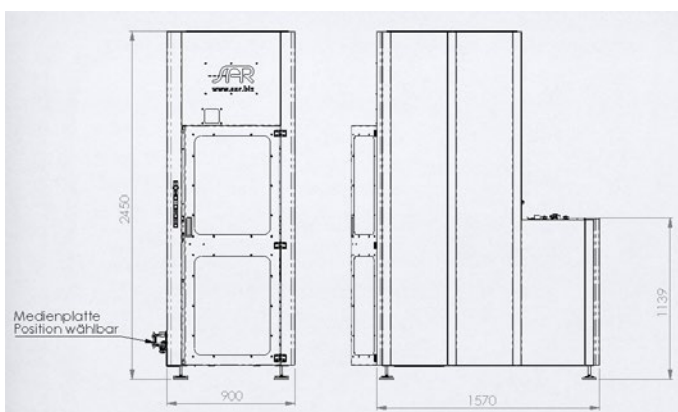




Field of application

Infeed and storage system for light-weight articles in product carriers. Infeed of trays for storage within automated production processes. Especially for surface or contour sensitive components.

Technical data		TRS-10-L	TRS-10-M	TRS-10-S
tray size	mm	800x600mm bis 700x500mm	600x400mm bis 500x300mm	400x300mm bis 350x200mm
tray high	mm	10-100mm		
tray exchange time	sek.	6 Sek.		
tray weight	kg	bis 5 kg		
stacker weight	kg	bis 50 kg		
positioning accuracy	mm	± 1 mm		
Supply voltage		400 V / 50 Hz / 3 ph		
compressed air connection	bar	6 bar		
control / drives		Siemens S7 / SEW / Festo		
construction width	mm	1100 mm	900 mm	700 mm
overall length	mm	2450 mm		
overall length PU1	mm	1510 mm	1110 mm	910 mm
overall length PU2	mm	2170 mm	1570 mm	1270 mm
overall length PU3	mm	2830 mm	2030 mm	1630 mm
part handling		optional six axis robot		
stack height	mm	600 mm		
storage capacity		1 - 3 stacks		
insertion height above	mm	ca. 1100mm		
insertion height below	mm	300 – 800 mm		



TRS-M-PU2 tray stacker

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