

PRIMUS SERIES

Robots for *Pick & Place* Applications

Wittmann

Robots for cost-efficient *pick & place* applications at clamping forces of 20 to 400 t. – Especially developed by WITTMANN for this purpose of use. These devices are adapted versions of the **W8** series.

- » **PRIMUS Series**
Control: CNC8 control with TeachBox R8.3.
- » Servo motor drives for all three main axes.
- » Optimized drives – with regard to using the robot with *pick & place* applications.
- » Extremely smooth operation with lowest noise.
- » Minimum part removal times are essential for the highest productivity of the automation cell, e.g. when producing thin wall components. The vertical arm is stiff but lightweight ribreinforced aluminum profile, driven via belt by a servo motor, thus reducing the moving mass.



TeachBox R8.3



PRIMUS 16

PRIMUS SERIES – TECHNICAL DATA

	Payload [kg]	Fixed X-Axis	Single Y-Axis	Subarm Axis	Z-Stroke [mm]	X-Stroke [mm]	Y-Stroke [mm]
PRIMUS 10*	1,5	yes	yes	–	1,000–2,000	440	600–1,000
PRIMUS 14	2	yes	yes	–	1,000–2,000	440	600–1,000
PRIMUS 16	5	yes	yes	–	1,500–2,500	420–620	800–1,200
PRIMUS 16S	5	yes	yes	yes	1,500–2,500	430	800–1,200
PRIMUS 26	10	–	yes	–	1,500–6,000	500–800	1,000–1,400
PRIMUS 26T	10	–	telescopic axis	–	1,500–6,000	500–800	1,000–1,400

*with sprue gripper

Specifications subject to change without notice.

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