



**SUMO  
ECOPLEX2**



Flexible,  
ergonomic,  
profitable

**SUMO stands for Standardized, Universal, Minimal Space Requirements and Optimized and offers you many advantages.**

Standardization means that planning, engineering, installation and commissioning can be reduced to a minimum. Nevertheless, the SUMO systems are universal, since the experience from numerous use cases was taken into account during development.

- » More than 2,150 robots and automations sold worldwide
- » 27 years of know-how in robotics and system development
- » Turnkey from one source - from the idea to realization and maintenance
- » Your long-term partner in the world of automation – from initial contact to after-sales support

**Why we offer the perfect automation solution**



Versatile and Flexible



Maximum Compactness



Industrial Robot – The Central Component



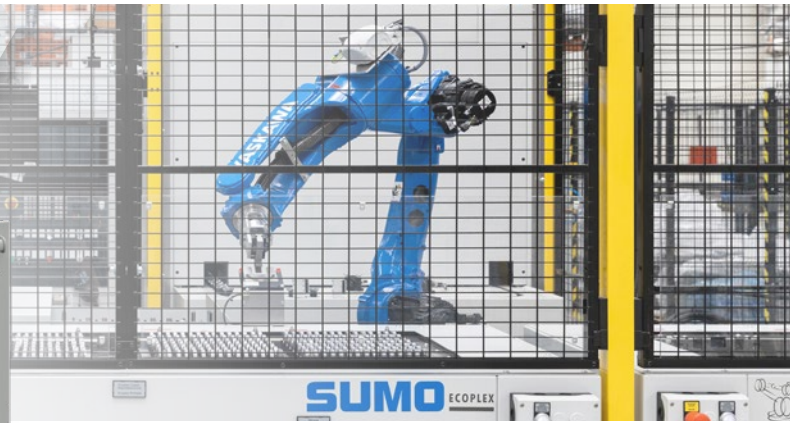
Sophisticated Robotic Gripping Systems



Workpiece Storage and Autonomy



Electrical Interfaces



” Your new team member

- » Flexible, ergonomic, efficient
- » Variable workpiece feed via slide-in carriage or belts
- » Fast and easy loading with large autonomy
- » Long service life thanks to our service<sup>1</sup>

” Your starter package

- » SUMO ECOPLEX2
- » 6-axis industrial robot Yaskawa Motoman GP7 with controller
- » Basic 1-fold gripping tool
- » 2 x slide-in carts with back wall for your in-house standard pallets (up to 80 x 400 x 600 mm)
- » Protective housing
- » Sequence program<sup>2</sup>
- » Basic interface to the processing machine (dig. I/O)
- » Pre-acceptance at EGS
- » Commissioning incl. short instruction at your sit

” At a glance

Max. robot payload	25 kg
Max. robot range	1,730 mm
Autonomy / Capacity	1 stack with 800 mm net stack height
Possible pallet / Workpiece carrier type	Different formats up to max. ¼ Euro pallet
Max. part weight	7.5 kg (optionally more)
Max. pallet load	20 kg (optionally more)
Pallet change time	< 10 s
Surface palletizing system (L/W/H)	ca. 1.35 x 2.14 x 2.31 m
Weight	ca. 900 kg
Payback period	0.9 – 1.9 years <sup>3</sup>



\* Price validity until 30.06.2023. Contact us: Many more options available

<sup>1</sup> Maintenance contracts from €750/year | <sup>2</sup> Designed for one acceptance workpiece | <sup>3</sup> Based on approximate average values for industry in Baden-Württemberg | Depending on shift model, can be optimized further if federal and state funding opportunities are used as part of digitization / modernization