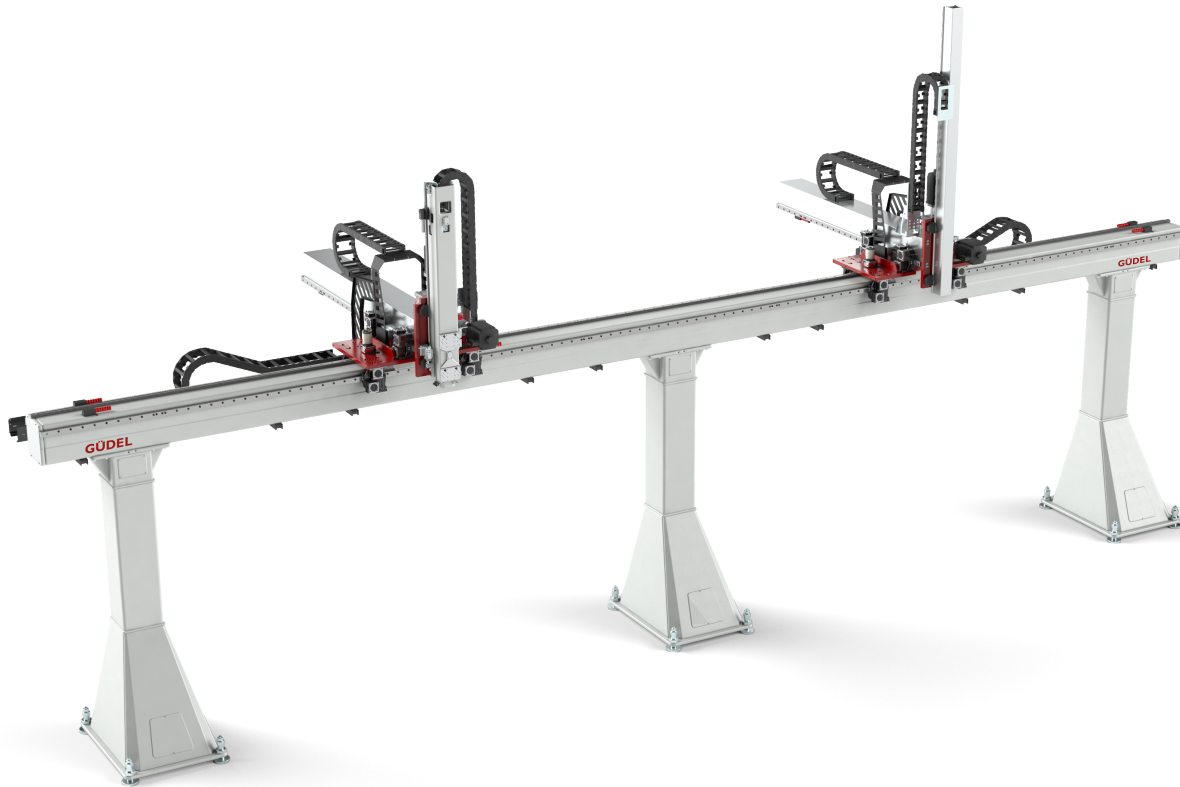


3-Axis-Gantry CP

Space-saving solution for machine loading, palletizing, and workpiece handling



More workspace with a smaller footprint

The Güdel 3-Axis-Gantry CP is designed for dynamic machine loading, palletizing, and workpiece handling with high payloads. By approaching positions from above and using the additional cantilever axis, machines can be loaded from the side, while workpieces can be moved efficiently within the workspace. The single-sided support reduces the required footprint compared with conventional area gantries with two X-axes and simplifies system planning. The simple design reduces integration effort and costs. Powerful drives, modular configuration, and consistent repeatability support efficient productive processes and cost-effective adaptation to different applications.

Payload up to

500 kg

X-axis stroke up to

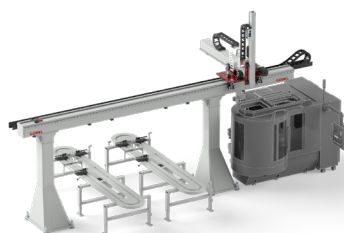
100 m

Repeatability

±0.02 mm



3-Axis-Gantry CP with single-sided support



3-Axis-Gantry CP for loading machine tools

Options / customer benefits

Single-sided support for a smaller footprint

Flexible support positioning

Cost-effective adaptation to process changes

Modular configuration according to application

Application areas

Machine loading

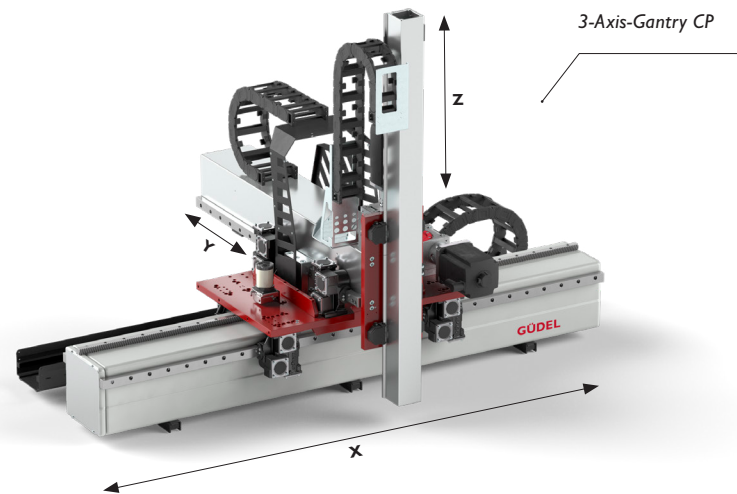
Machine unloading

Part separation

Palletizing

Stacking

Workpiece handling and transport



Find 3-Axis-Gantry
CP

Technical data

Payload	50 to 500 kg
Speed	up to 3 m/s
Acceleration	up to 4 m/s²
Repeatability	±0.02 mm
Working range X-axis	up to 100 m
Working range Y-axis	0.6 to 2.5 m
Working range Z-axis	0.6 to 2.5 m
Sizes	CP-3, CP-4, CP-5
Option	Telescopic axis available
Drive system	Rack-and-pinion drive with hardened helical gearing, GÜdel HPG gearbox
Noise emission	≤ 75 dB(A)

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automation on track

Güdel is an internationally active Swiss industrial company founded in 1954. As one of the world's leading suppliers of industrial automation solutions, Güdel offers its customers everything from a single source: from high-precision machine components to customized automation solutions for use in markets such as automotive, aerospace, railway, logistics, composites and machine tools.

Güdel technology is characterized by innovation, modularity, and quality. Worldwide, Güdel employs around 1 000 people at over 20 locations. Since its foundation, the company group has been owned by the founding family.