

For internal use only!

2-finger parallel gripper for handling small parts

Product



Unique Selling Points

- ✓ **The benchmark for small part handling**
- ✓ Roller guide for precise gripping using a base jaw guide with minimal play
- ✓ Base jaws, double roller anti-friction guided
- ✓ Can be mounted on 3 sides of the gripper in 3 screwing directions
- ✓ Energy supply via hose-free direct connection or connected with screws
- ✓ Tried and tested thousands of times in every industry
- ✓ Clean room certification

Technical Data / Functions

Sizes

10 .. 80

Weight

0.006 kg - 1.35 kg

Gripping force

7 N - 540 N

Stroke per finger

1 mm - 14 mm

Workpiece weight

0.045 kg - 1.9 kg

Cost Effectiveness/ Customer Benefits

- ✓ Maximum reliability and therefore reliable processes.
- ✓ Process-reliable monitoring functionality, which means simple integration in the entire process.
- ✓ Variable screw connection possible, which means maximum flexibility in process and system design.
- ✓ Variable power supply means maximum flexibility in system design.
- ✓ Individually adapted roller guides, which means minimum play, increased precision, and longer service life.

Price from 215 euros to 502 euros

Questions about the product? Your contact person is Marcel Nagel (+49 - 7133 - 103 - 2561)



Market and competitors

Main competitors

- ✓ Festo HGPM
- ✓ Sommer GP 100
- ✓ Röhm RPM / RP-mini
- ✓ SMC

- ✓ Significantly better performance
- ✓ Durable roller guide
- ✓ Fitted roller guide minimizes jaw play

Line of Argument

Storytelling

- ✓ The SCHUNK production facility in Mengen uses the MPG for handling processes during the production of gripper fingers. This ensures fast and accurate rotation of the semi-finished product in the double 3-side machining.
- ✓ Lamy uses the MPG as the standard gripper for the assembly of writing implements.
- ✓ The machine manufacturer BisonTec installs MPG grippers in the assembly lines it makes for the automobile supplier WAGO. The main reason for using MPG rather than the competitor's products is because it can guarantee the assembly of plugs and plug systems with a low mass and a smooth, fast operation even at high cycle numbers (60/min). Moreover, the integration of FPS monitoring without troublesome add-on pieces was crucial to the purchasing decision.

Industries and Applications

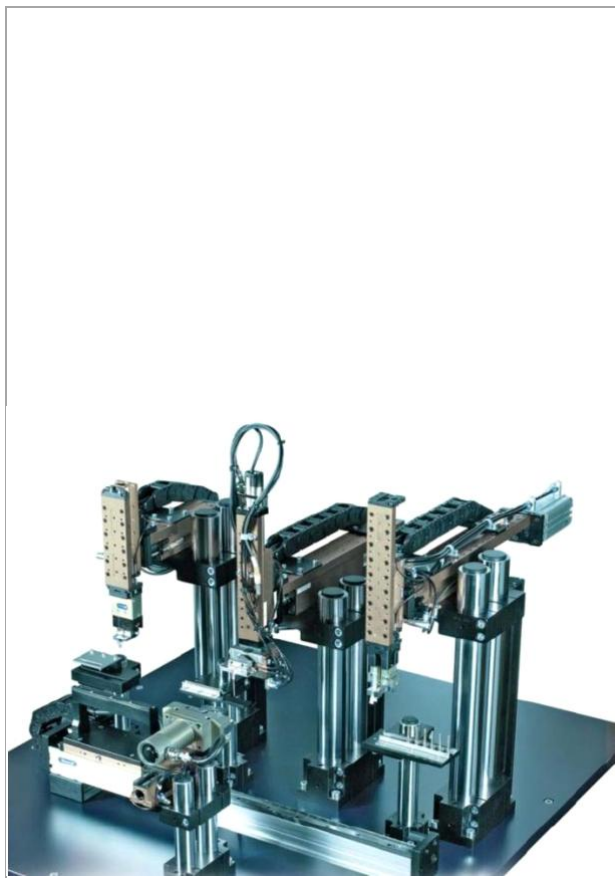
Gripping and moving small to medium workpieces in low-contamination environments.

MPG performs particularly well in the following industries

- ✓ Assembly and Handling
- ✓ Food technology
- ✓ Laboratory technology
- ✓ Pharmaceuticals
- ✓ Microtechnology

Applications

- ✓ Assembly of clockwork mechanisms
- ✓ Packaging previously packed mini-sausages
- ✓ Handling food samples
- ✓ Packaging filled ampoules
- ✓ Automated assembly of syringes
- ✓ Pick & place tasks
- ✓ Standardized modular assembly technology



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