

Product



Unique Selling Points

- ✓ **Simple and precise mechanical locking system**
- ✓ Allows coupling without contact
- ✓ Patented self-locking system in the event of pressure failure without spring
- ✓ Optimal ratio between weight and load capacity
- ✓ **Maintenance and repair**
- ✓ Easy changing of tool
- ✓ Shortening of downtime during maintenance work
- ✓ 24 month warranty
- ✓ **Conversion of the production line to another product**
- ✓ Increase in safety – fewer personnel needed in the robot cell
- ✓ Reduction in set-up time
- ✓ **Tool change**
- ✓ Increase in flexibility thanks to the use of different tools
- ✓ A robot can take on a wide variety of functions

Technical Data / Functions

- ✓ Sizes: SWS 005 .. 300, SWS-L 210 .. 1210
- ✓ Handling weight: up to max. 1,350 kg
- ✓ Moment load Mx: 13,000 Nm
- ✓ Moment load My: 13,000 Nm
- ✓ Moment load Mz: 5,500 Nm

Options

- ✓ Modules for electric and fluidic transmission

Complementary products

- ✓ AGE-E
- ✓ AGE-F

Cost Effectiveness/ Customer Benefits

- ✓ Complete series with 16 sizes, which means always having the right system.
- ✓ Robust wedge and piston kinematics, which means increased process reliability.
- ✓ Integrated drive in the housing, which means more compact design possible.
- ✓ All functional components made of hardened steel, which means reliable processes on a sustained basis.
- ✓ Wide range of electrical feed-throughs, which means always having the right option for each application.
- ✓ Integrated air feed-through, which means less cabling and connection work.
- ✓ Coding of the adapter, which means there is less danger of changing it incorrectly.
- ✓ ISO flange pattern, which means compatibility with all standardized systems and components.

Price

SWK 005: 678 euros
 SWK-L 510: approx. 5,500 euros
 SWA 005: 231 euros
 SWA-L 510: approx. 3,000 euros

Questions about the product? Your contact person is Rainer Österlein (+49 - 7133 - 103 - 2125)



Market and competitors

Main competitors

Quick-change system:

- ✓ Sommer Automatic GmbH & Co. KG
- ✓ IPR Intelligent Peripherien für Roboter GmbH

SWS-L:

- ✓ Stäubli
- ✓ Walther
- ✓ Applied Robotics

Main differentiation

The SWA changing adapters are more value for money in comparison with the main competitor, Sommer. This is noticeable with quantities larger than three. More adapters are always used per changeover head.

Line of Argument

But Sommer is cheaper with its changer. Why should we spend more on the SCHUNK changer?

The changer from Sommer is not cheaper at all. The head costs a bit less, but the adapter side is more expensive. But this is not noticed until you buy the third adapter. The larger the quantity of adapters needed, the more expensive the Sommer solution will be.

Industries and Applications

To be used anywhere where short change-over times between a handling device and a tool are important (gripper, electrode holder).

Industries

- ✓ Handling/assembly
- ✓ Automotive
- ✓ Robotics

Applications

- ✓ Welding of body parts
- ✓ Material handling in warehouse management
- ✓ Automatic loading of machining centers

Welding application of Renault Master using SWS-L 210



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