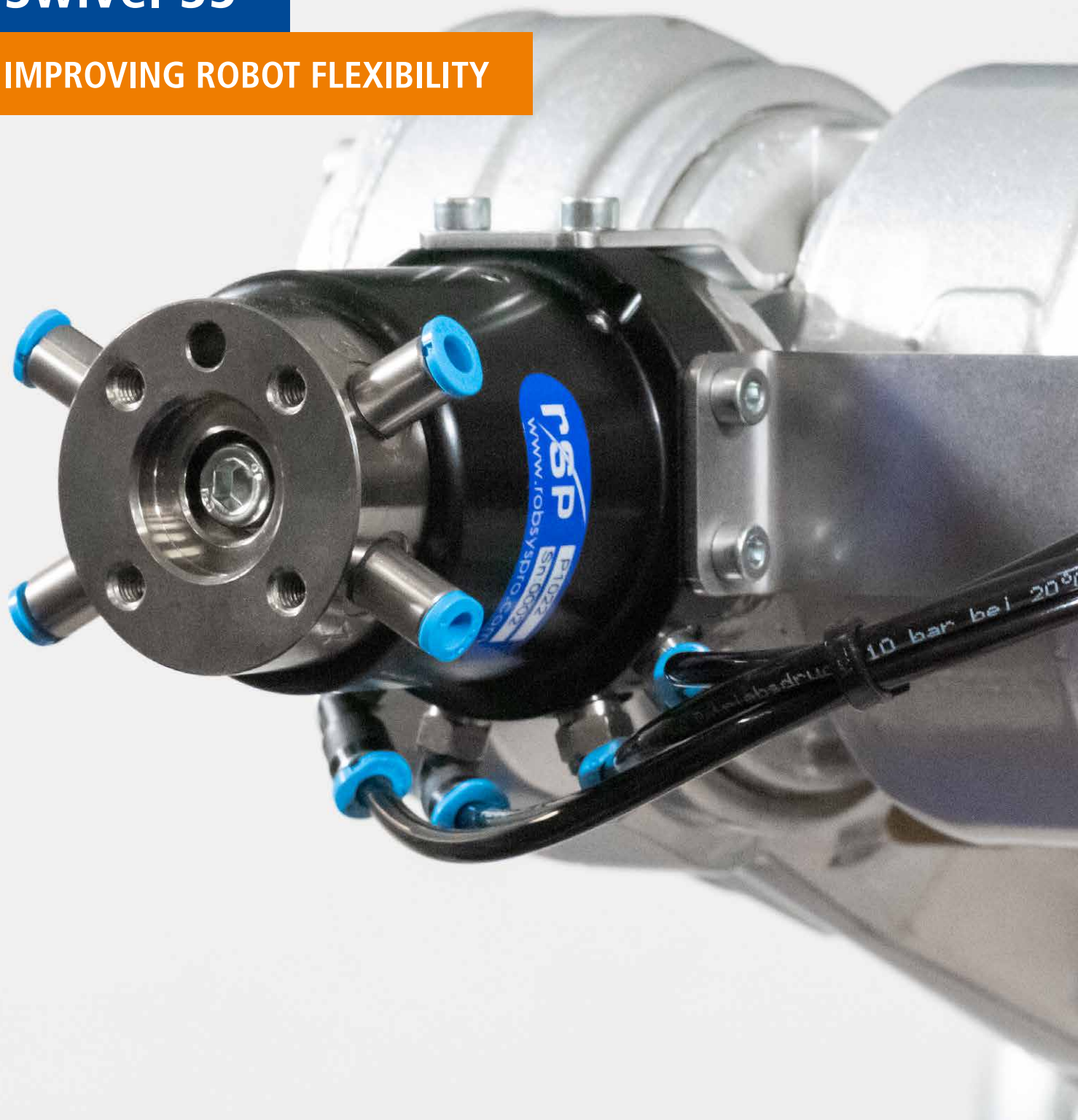


# Swivel S5

IMPROVING ROBOT FLEXIBILITY



Tool changers | Swivels | Swivel tool changers | CiRo | Hose packages | Valve units | Grippers | Tool systems | Tool stands

# Swivel S5

## Spin the 6th axis free from hoses and cables

The S5 swivels from Robot System Products are dedicated for material handling, especially when a lot of robot movements are performed.

When using an RSP swivel, compressed air will be directly available at the tool without limiting the axis 6 rotation or the robot's working range. Wear on the hose package decreases, while uptime and productivity increases.

If the swivels are used with our hose packages, axis 4 and 5 are also able to rotate unimpeded. The full working range of the robot can be utilized. In addition, the design and installation time for the system integrator will be significantly reduced.

- ▶ **Allows continuous rotation of axis 6**
- ▶ **Up to 5 kg payload**
- ▶ **Dedicated for material handling**
- ▶ **Reduces hose package interference**
- ▶ **Increases mobility**
- ▶ **Maximizes the hose package lifetime**
- ▶ **3D simulation control of the upper arm dress package**



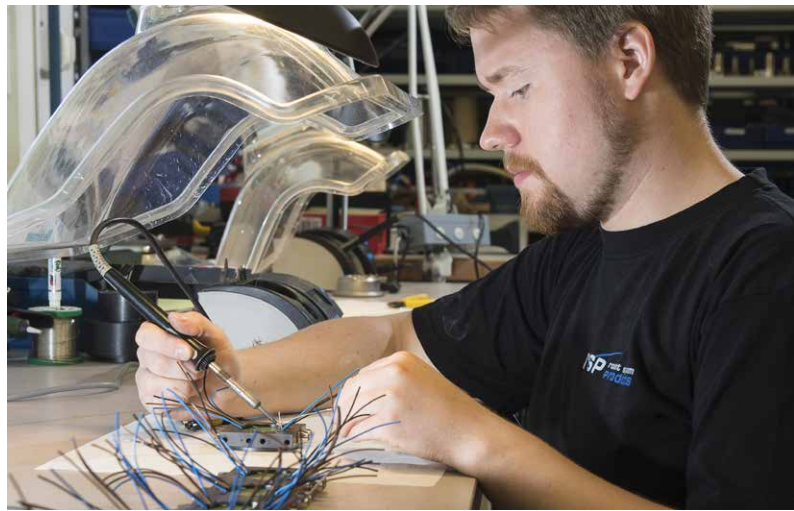
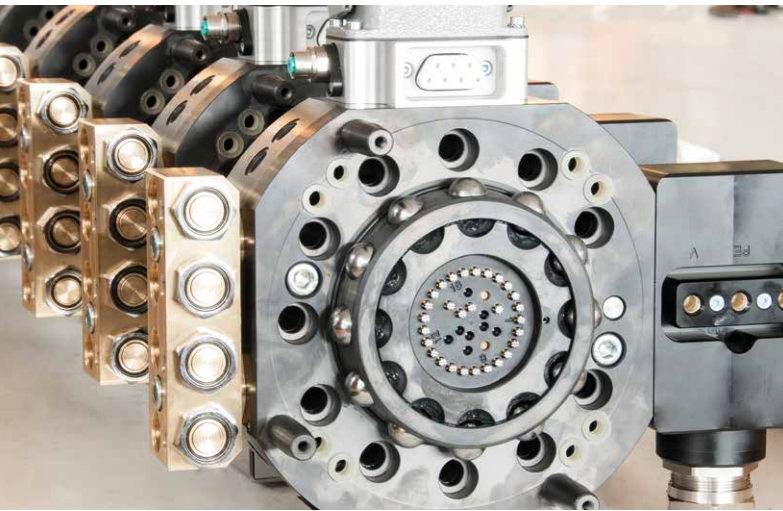
## Technical data

Article	Part No	Handling capacity (kg)	Air ducts	Mechanical Interface	Weight (kg)	Mz (Dynamic)	Mx/My (Dynamic)
<b>Swivel</b>							
S5-2	P1021	5	2	ISO 9409-1 31,5-4-M5	0.35	± 20 Nm	± 50 Nm
S5-2	P1025	5	2	ISO 9409-1 40-4-M6	0.4	± 20 Nm	± 50 Nm
S5-4	P1022	5	4	ISO 9409-1 31,5-4-M5	0.45	± 20 Nm	± 50 Nm
S5-4	P1026	5	4	ISO 9409-1 40-4-M6	0.5	± 20 Nm	± 50 Nm

### Air ducts

Max air pressure	10 bar
Air quality	Oil-clean and waterless filtered air, max 25 µm particle content
Air flow / channel	150 l/min
Air connections	Robot side: M5 Tool side: M5





Robot System Products is a global leader in high-performance industrial robot peripheral products.

Our expertise is to provide tested and "field proven" robotic system solutions that improve robot flexibility, utilization and uptime. From our position at the forefront of the latest robot models and advances, we offer a full line of documented plug & play robot dress solutions, as well as individual peripheral items that work with all major robot brands and models.

By continuously exploring emerging technologies, RSP designs, validates, manufactures and delivers solutions with engineered advantages that are proven to endure millions of duty cycles.

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