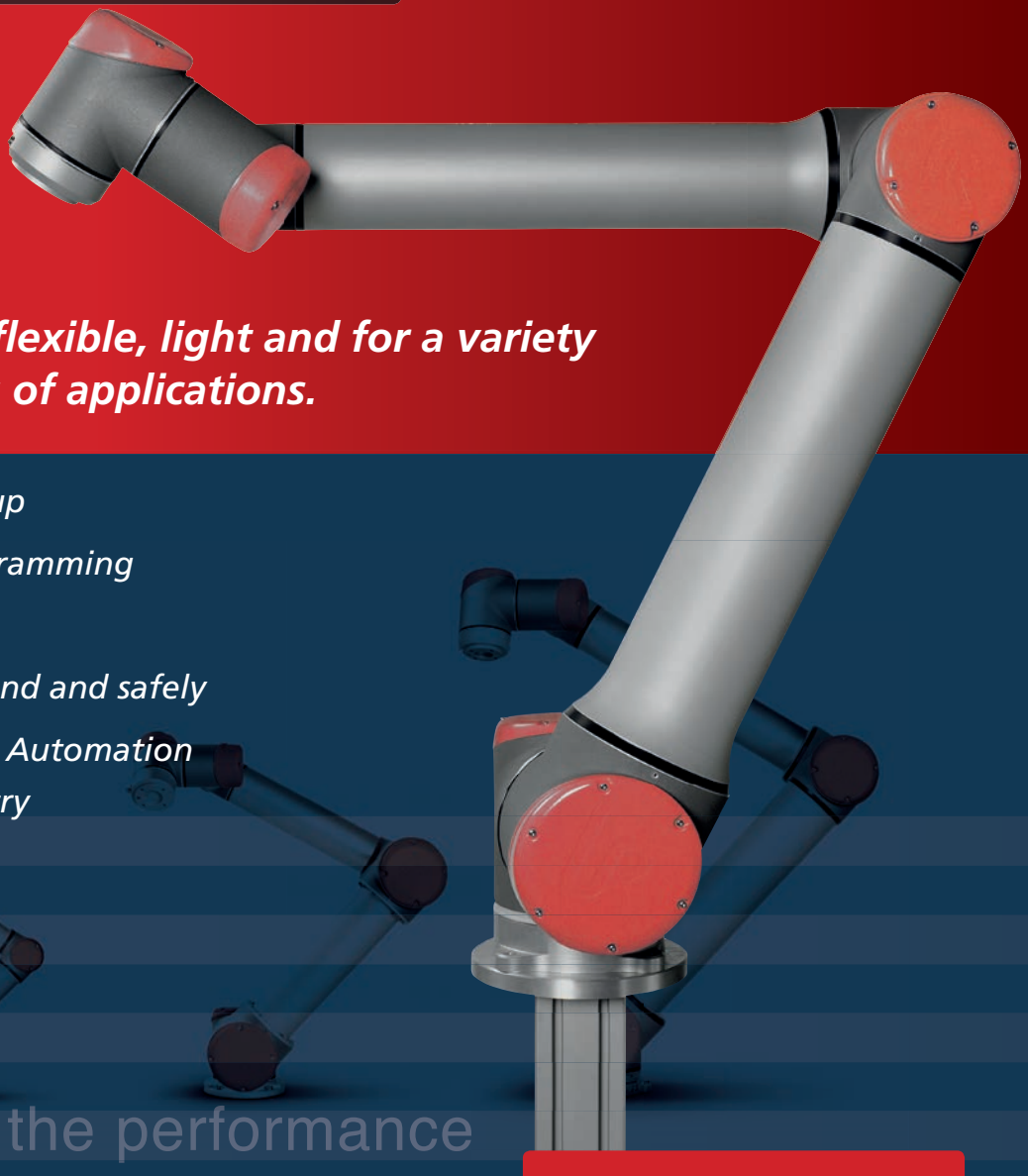
SAMSYS+

feeding the performance

Samsys-SR 3 / 5 / 10

We automate success!



Extremely flexible, light and for a variety developing of applications.

- » *Quickly set up*
- » *Simple programming*
- » *Flexible use*
- » *Kollaborierend and safely*
- » *Fastest Time Automation in the industry*

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TECHNICAL SPECIFICATIONS

SAMSYS
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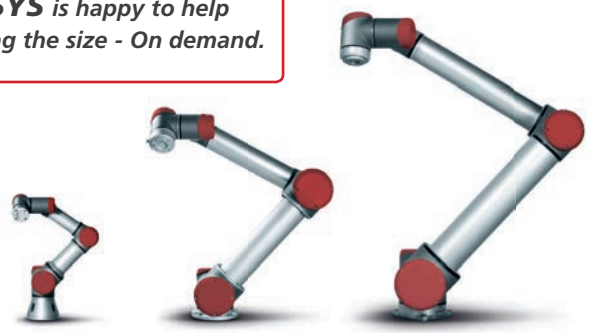
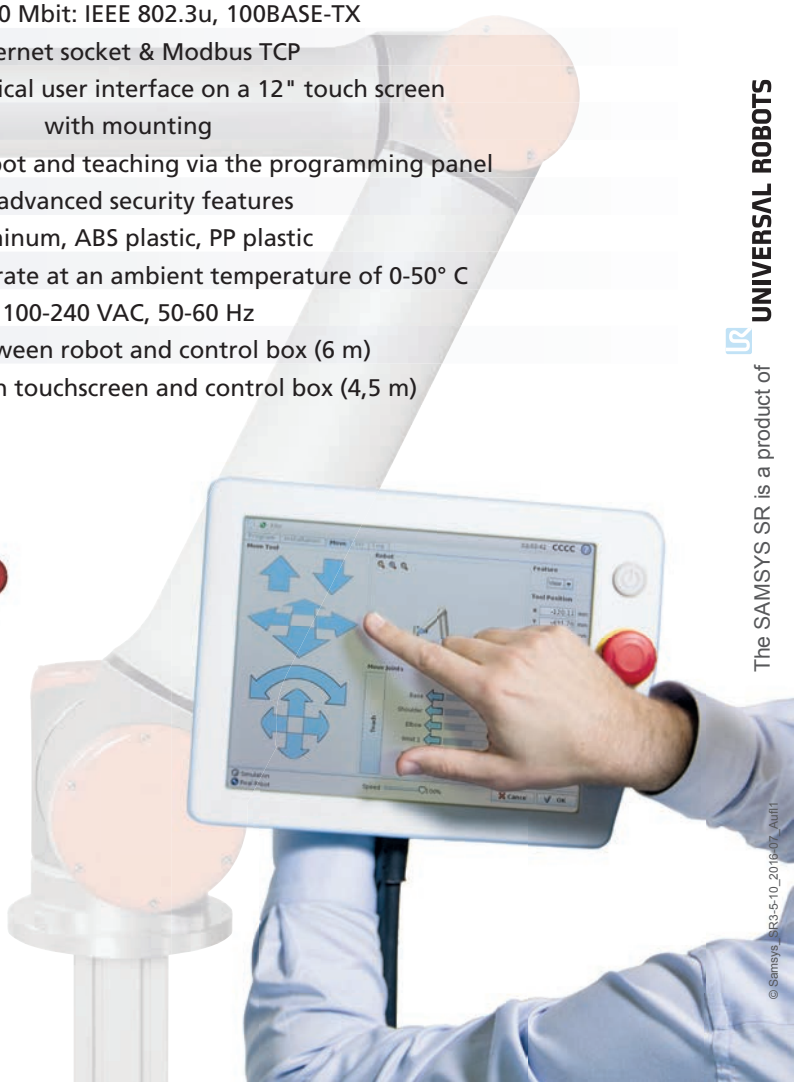
Collaborating 6-axis robotic arm with a working radius up to 1,300 mm

Typ:	SR 3	SR 5	SR 10
Weight:	11,0 kg	18,4 kg	28,9 kg
Load:	3 kg	5 kg	10 kg
Reach:	500 mm	850 mm	1300 mm
Footprint:	Ø118 mm	Ø149 mm	Ø190 mm
IP classification:	IP64	IP54	IP54
Power Consumption:	Ca. 100 Watt	Ca. 200 Watt	Ca. 350 Watt
Joint ranges:	+/- 360° at all joints		
Repeatability:	+/- 0,1 mm		
Speed:	Foot and shoulder joint: 120 ° / s. Elbow and wrist 1-3: 180 ° / s. Tool interface: about 1 m / s.		
Number of joints:	6 Swivels		
Cabinet size:	(B x H x T): 475 mm x 423 mm x 268 mm		
I / O ports:		Control box	Tool interface
	Digital inputs	16	2
	Digital outputs	16	2
	Analog Inputs	2	2
	Analog outputs	2	-
I / O power supply:	24V 2A in the control box and 12 V / 24 V 600 mA in the tool interface		
Communication:	TCP/IP 100 Mbit: IEEE 802.3u, 100BASE-TX Ethernet socket & Modbus TCP		
Programming:	PolyScope graphical user interface on a 12" touch screen with mounting		
Programming:	Manually run the robot and teaching via the programming panel		
Collaborating operation:	15 advanced security features		
Material:	Aluminum, ABS plastic, PP plastic		
Temperature:	The robot can operate at an ambient temperature of 0-50° C		
Power Supply:	100-240 VAC, 50-60 Hz		
Cabling:	Cable between robot and control box (6 m) Cable between touchscreen and control box (4,5 m)		

***SAMSYS** is happy to help selecting the size - On demand.*





The SAMSYS SR is a product of **UNIVERSAL ROBOTS**

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