



Reimagine Work
Reinvent Operations
With Svaya Collaborative Robots

A silver collaborative robot arm is shown in the upper right, reaching towards a black control unit on the left. The control unit has a red emergency stop button and a circular speaker grille. A red semi-transparent banner is at the bottom of the image.

Enabling New Possibilities With Flexible Collaborative Robots

Svaya is introducing its path breaking collaborative robots, so you don't have to choose between people and robots or for that matter between flexibility and productivity.

Great tools augment people, unlocking their creative powers for essential and more productive work. Our precision crafted robots, built around our pioneering human-robot interaction platform, create collaborative human-robot workflows, while also automating routine tasks flexibly and more productively. They readily integrate into any existing setups and are accessible to anyone without any specialized knowledge. Our connected platform, bridges the physical and digital worlds, enabling complete visibility with virtual control of robot workflows.

Comprehensive Robotic Platform

Simple. Convenient. Reliable

Versatile

Flexible plug-n-play
changeover of tasks

Precise

0.03mm repeatability
for precision tasking

Perceptive

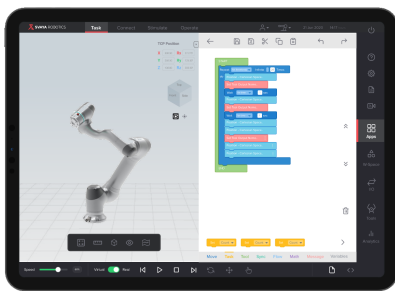
Built-in force-torque sensing,
to automate complex and
unstructured tasks

Safe

Inherently safe to work
alongside people with
redundant safety control

Connected

"real-time" insight into robot
workflows and monitor and
teleoperate virtually.



No-code Human-Robot Interaction

Accessible to anyone and no programming
knowledge required – create applications with
intuitive visual task builder or teach by
demonstration

Easy Integration

Readily integrate into any
existing setup with built-in PLC
and easy-to-use automation
framework.

Robot Specs	SR-L3	SR-L6	SR-L10	SR-L12	SR-L16
Payload	3kg	6kg	10kg	12kg	16kg
Reach	600mm	850mm	1300mm	1100mm	900mm
Degrees of Freedom (DoF)	6	6	6	6	6
Max TCP Speed	2 m/s	2 m/s	2 m/s	2 m/s	2 m/s
Pose Repeatability	0.03 mm	0.03 mm	0.05 mm	0.05 mm	0.05 mm
Functional Safety	PL d / Cat. 3	PL d / Cat. 3	PL d / Cat. 3	PL d / Cat. 3	PL d / Cat. 3
Protection Class	IP54	IP54	IP54	IP54	IP54
Operating Temperature	0-50° C	0-50° C	0-50° C	0-50° C	0-50° C
Tool Flange	M8	M8	M8	M8	M8
Mounting	Any	Any	Any	Any	Any
Robot Weight	18.7kg	25.5kg	35.6kg	34.9kg	34.2kg
Programming	Direct teaching, Visual lead-through programming, Python programming				

Controller Specs

I/O	Digital IN 16	Analog IN 4
	Digital OUT 16	Analog OUT 4
Communication	EtherCAT, Modbus TCP, Ethernet IP (Adapter), Profinet (Device)	
Interfaces	USB, EtherNet, HDMI, RS232/484	
Power Source	AC 110 to 240V, 50-60 Hz	
Protection Rating	IP20	
Dimensions	480mm x 178mm x 423mm	
Weight	15kg	



Assembly



Packaging



Marking



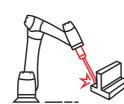
Gluing



Pick & Place



Inspection



Welding



Machine Tending

Our robots know no bounds, neither should your operations.

Learn more at svayarobotics.com

info@svayarobotics.com

