



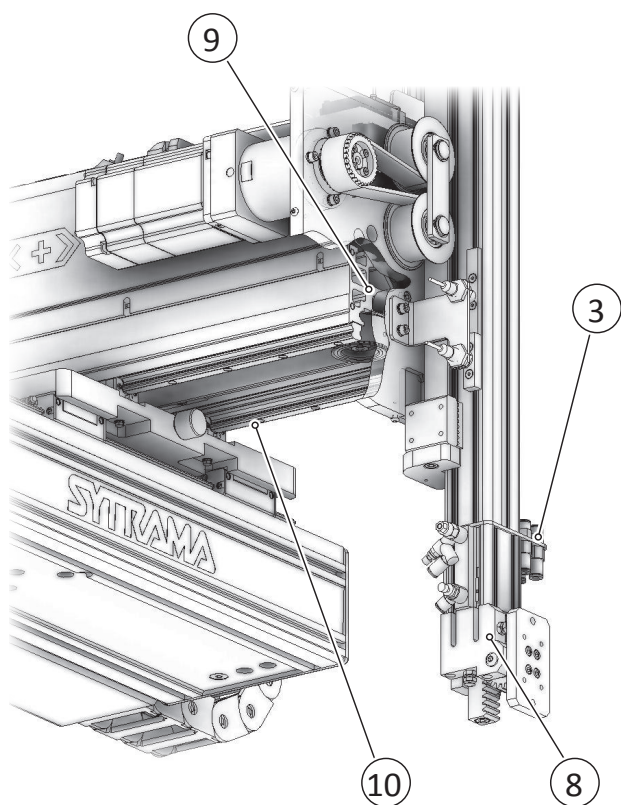
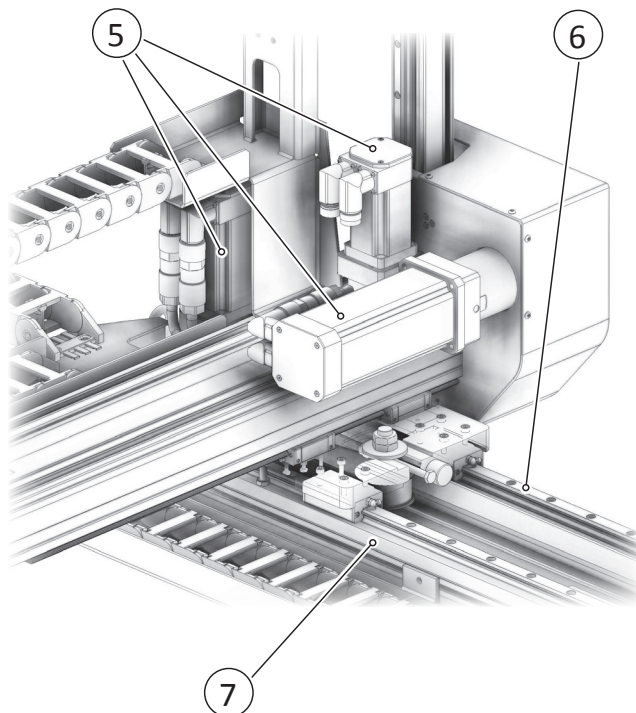
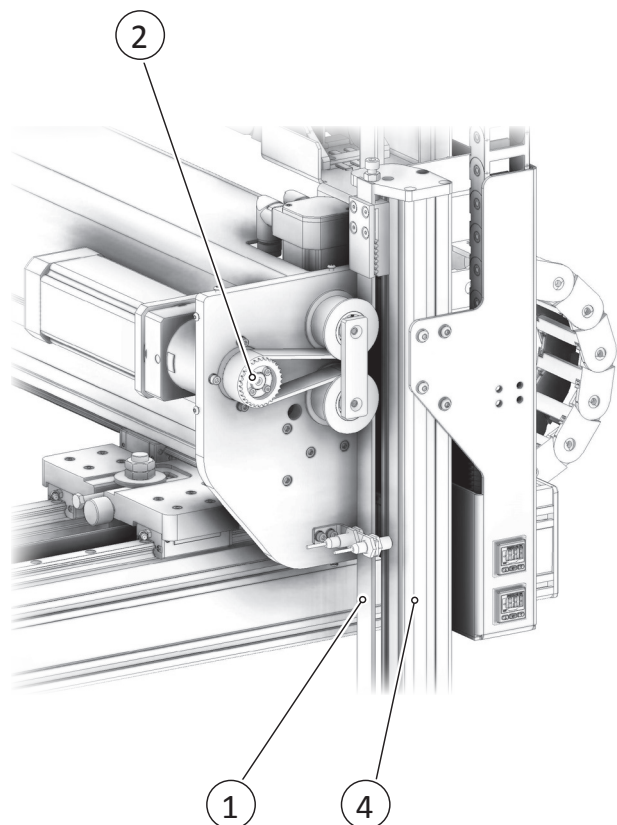
		Transverse axis	Vertical axis	Extraction axis	OCP control panel	
<b>Working stroke</b>	mm (in)	ONE-S	1300 (51.18")	1000 (39.37")	350 (13.78")	Visual programming language
		ONE-L	1500 (59.05")	1000 (39.37")	350 (13.78")	Easy positioning teaching
		ONE-XL	1800 (70.87")	1000 (39.37")	350 (13.78")	Standard palletizing program
<b>Max speed</b>	m/s (in/sec)	1,8 (70.86)	3 (118.1)	0,9 (35.43)	Controls up to 4 axis	
<b>Gripper unit overturning</b>	(pneumatic)	90°			Storage for 100 programs	
<b>Wrist A or B rotation</b>	(pneumatic)	0° - 90° / 0° - 180° (Optional)			Multiple password protection level	
<b>Vacuum circuit</b>		N°1 12 l/min (0.42 cubic ft/min)			Immediate switching between 8 language available	
<b>Pneumatic circuit</b>		1			Program backup/restore with compact flash	
<b>Max applicable weight</b>		3 kg (11lbs.)			Control monitors system conditions and maintenance status	
<b>Power supply</b>		220Vac TN 1,3 kW			Easy approach to programming	
<b>Air supply</b>		6 bar 600 kPa (90PSI)				
<b>Suitable injection moulding machines</b>		40-250 ton (50-275 US Tons)				

*Special strokes and devices available on request*

*Technical data are not binding and are subject to modification without notice*

# ONE

# SYTRAMA



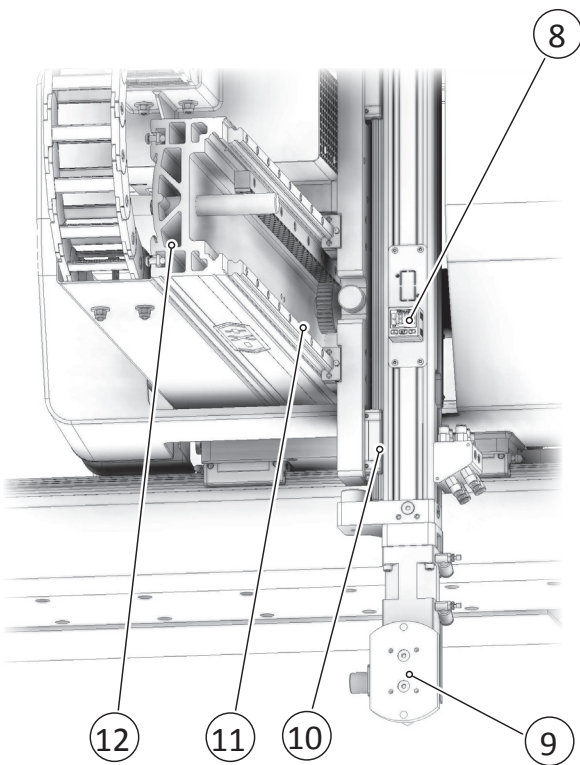
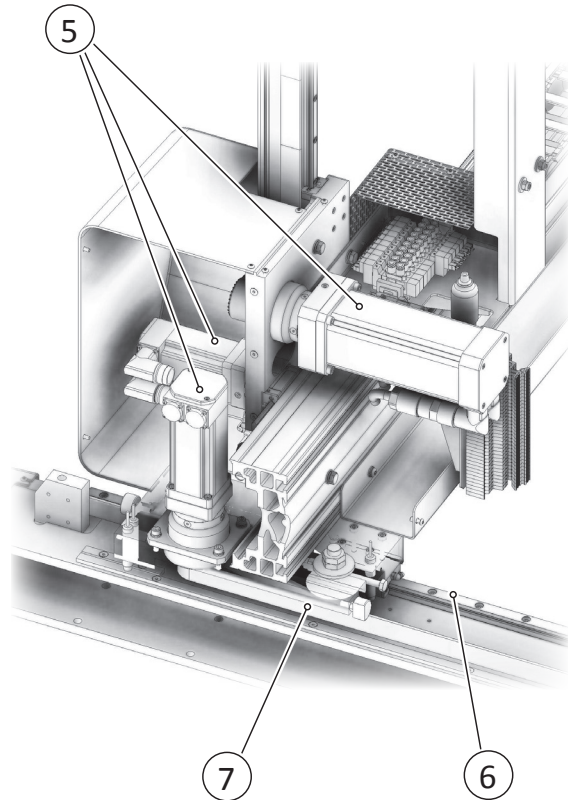
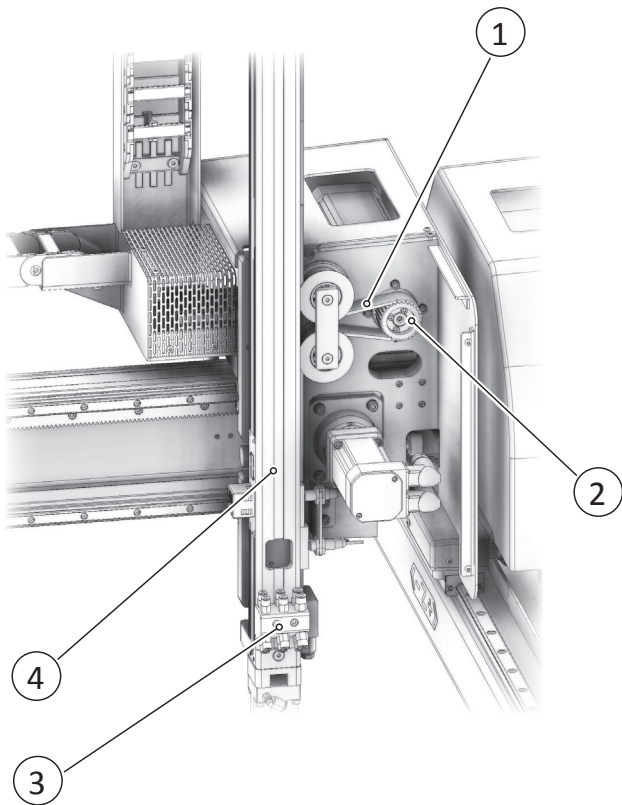
1. *Y axis high power belt*
2. *low maintenance and accurate belt transmission*
3. *easy connection for pneumatic utility*
4. *special aluminum designed for high stiffness*
5. *brushless motor*
6. *Z axis high-precision guiding system with sliding block on prismatic guides*
7. *Z axis high power belt*
8. *90° pneumatic overturning*
9. *special aluminum designed for high stiffness*
10. *X axis high-precision guiding system with sliding block on prismatic guides*



		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
<b>Working stroke</b>	<b>S7-S (mm)</b>	1600	1000	450	Storage for 100 programs with 300 program lines
	<b>S7-L (mm)</b>	2000	1000	450	
<b>Top speed</b>	<b>(m/s)</b>	1.8	3	1	Standard palletizing program
<b>Application on injection moulding machines</b>	<b>(tonnes)</b>	70-180 (S7-S) / 180-250 (S7-L)			Immediate switching between 2 languages, multiple language available
<b>Positioning reproducibility</b>	<b>(mm)</b>	± 0.2			User definable safe working areas (8 in total)
<b>Manipulable weight</b>	<b>(kg) *</b>	5			Program backup/restore via USB
<b>Pickup device turning</b>	<b>(C axis)</b>	0° - 90°			Multiple passwords allow customized protection levels
<b>Pickup device rotation</b>	<b>(A axis)</b>	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
<b>Piece presence control with vacuum switch</b>		standard			Expandable and remotable 12 Input and 12 Output modules
<b>E.O.A.T control</b>		standard			Controls up to 6 axis, with synchro movements
<b>Compressed air supply</b>	<b>(bar) kPa</b>	(6) 600			Remote assistance via ethernet available on request
<b>Venturi vacuum system max. air consumption</b>	<b>(NI/min)</b>	24			Runs up to 10 parallel programs
<b>Mains voltage</b>		3x400-480 VAC TT TN system			Easy positioning teaching
<b>Maximum rated power</b>	<b>(kW)</b>	7			
<b>Auxiliary control voltage</b>	<b>(V d.c.)</b>	24			
<b>Noise level</b>	<b>dB(A)</b>	<85			
<b>Paintwork</b>		RAL 7016 - RAL 9022			
<b>Electrical panel paintwork</b>		RAL 7035			
<b>Interfacing</b>		Euromap 67 - 12 (optional)			
<b>Weight of manipulator</b>	<b>(kg)</b>	220 (S7-S) / 240 (S7-L)			
<b>Weight of electrical panel</b>	<b>(kg)</b>	98			

\* Including pickup device and depending on application, speeds and accelerations

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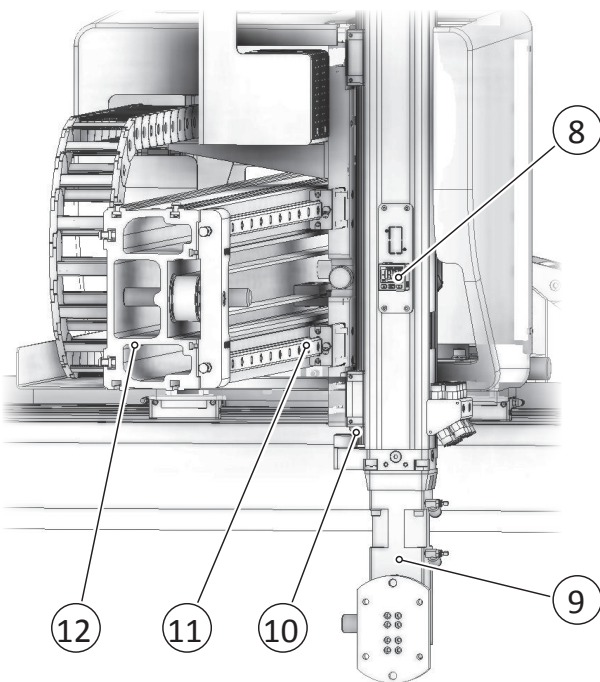
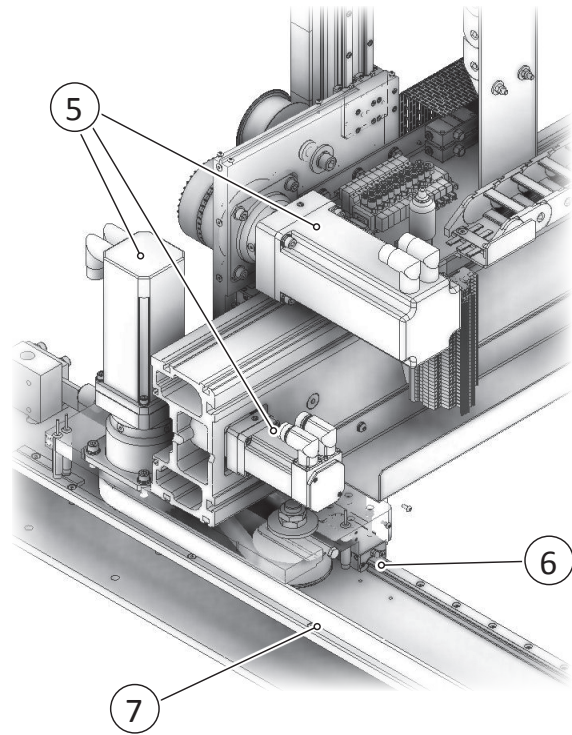
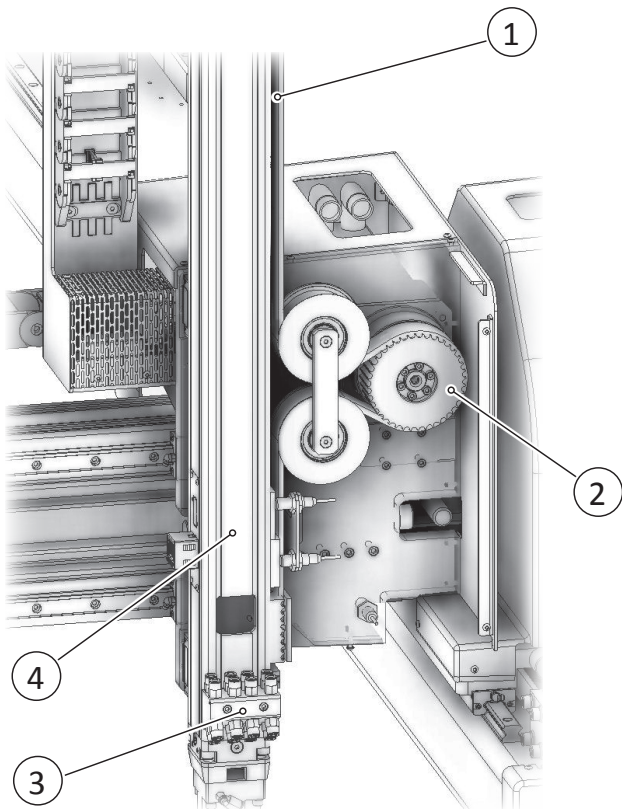


1. *Y axis high power belt*
2. *low maintenance and accurate belt transmission*
3. *easy connection for pneumatic utility*
4. *special aluminum designed for high stiffness*
5. *brushless motor*
6. *Z axis high-precision guiding system with sliding block on prismatic guides*
7. *Z axis high power belt*
8. *analogic measuring vacuum, programmable from keyboard*
9. *90° pneumatic overturning*
10. *Y axis high-precision guiding system with sliding block on prismatic guides*
11. *X axis high-precision guiding system with sliding block on prismatic guides*
12. *special aluminum designed for high stiffness*



		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
<b>Working stroke</b>	<b>S9-S (mm)</b>	2000	1200	600	Storage for 100 programs with 300 program lines
	<b>S9-L (mm)</b>	2500	1400	700	
<b>Top speed</b>	<b>(m/s)</b>	2.5	3	1	Standard palletizing program
<b>Application on injection moulding machines</b>	<b>(tonnes)</b>	250-350 (S9-S) / 350-500 (S9-L)			Immediate switching between 2 languages, multiple language available
<b>Positioning reproducibility</b>	<b>(mm)</b>	± 0.2			User definible safe working areas (8 in total)
<b>Manipulable weight</b>	<b>(kg) *</b>	10			Program backup/restore via USB
<b>Pickup device turning</b>	<b>(C axis)</b>	0° - 90°			Multiple passwords allow customized protection levels
<b>Pickup device rotation</b>	<b>(A axis)</b>	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
<b>Piece presence control with vacuum switch</b>		standard			Expandable and remotable 12 Input and 12 Output modules
<b>E.O.A.T control</b>		standard			Controls up to 6 axis, with synchro movements
<b>Compressed air supply</b>	<b>(bar) kPa</b>	(6) 600			Remote assistance via ethernet available on request
<b>Venturi vacuum system max. air consumption</b>	<b>(NI/min)</b>	24			Runs up to 10 parallel programs
<b>Mains voltage</b>		3x400-480 VAC TT TN system			Easy positioning teaching
<b>Maximum rated power</b>	<b>(kW)</b>	7			
<b>Auxiliary control voltage</b>	<b>(V d.c.)</b>	24			
<b>Noise level</b>	<b>dB(A)</b>	<85			
<b>Paintwork</b>		RAL 7016 - RAL 9022			
<b>Electrical panel paintwork</b>		RAL 7035			
<b>Interfacing</b>		Euromap 67 - 12 (optional)			
<b>Weight of manipulator</b>	<b>(kg)</b>	320 (S9-S) / 360 (S9-L)			
<b>Weight of electrical panel</b>	<b>(kg)</b>	98			
* Including pickup device and depending on application, speeds and accelerations					

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1. *Y axis high power belt*
2. *low maintenance and accurate belt transmission*
3. *easy connection for pneumatic utility*
4. *special aluminum designed for high stiffness*
5. *brushless motor*
6. *Z axis high-precision guiding system with sliding block on prismatic guides*
7. *Z axis high power belt*
8. *analogic measuring vacuum, programmable from keyboard*
9. *90° pneumatic overturning*
10. *Y axis high-precision guiding system with sliding block on prismatic guides*
11. *X axis high-precision guiding system with sliding block on prismatic guides*
12. *special aluminum designed for high stiffness*

# S9T-S

# S9T-L

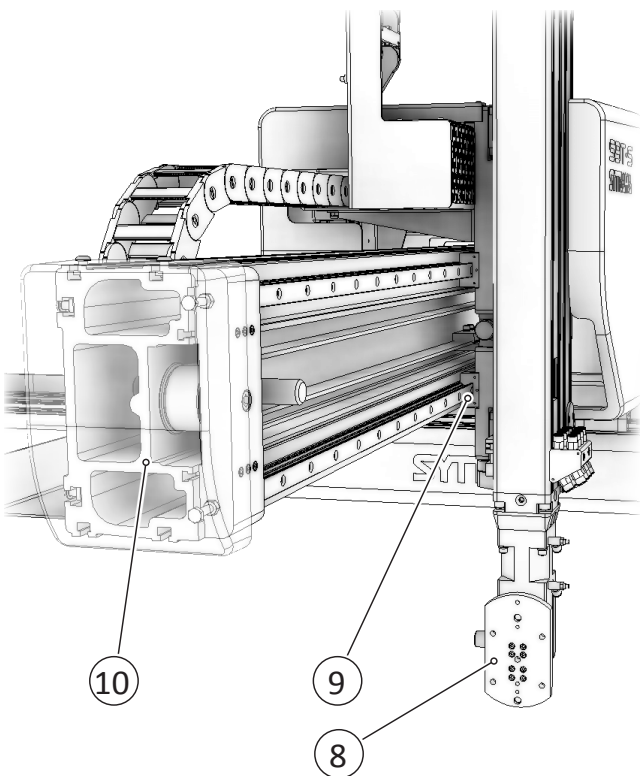
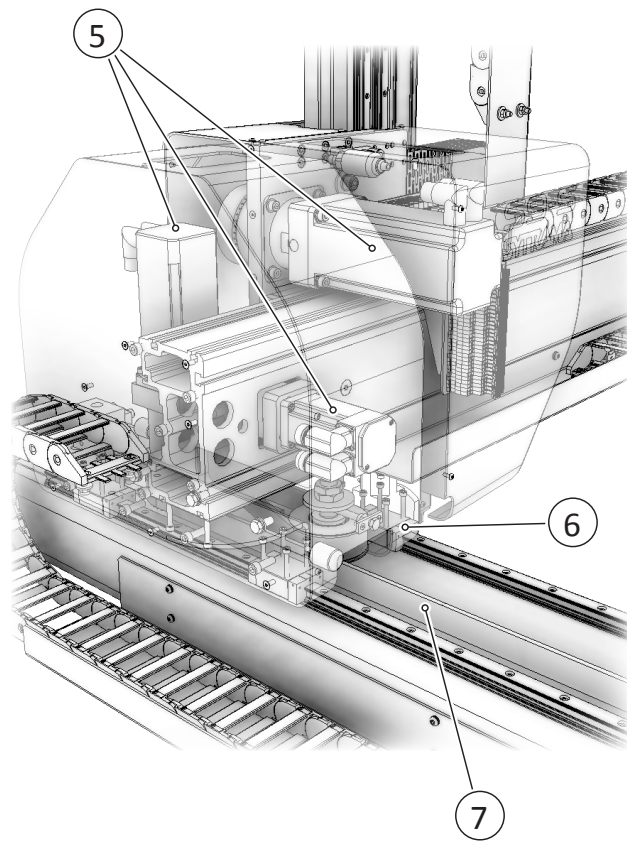
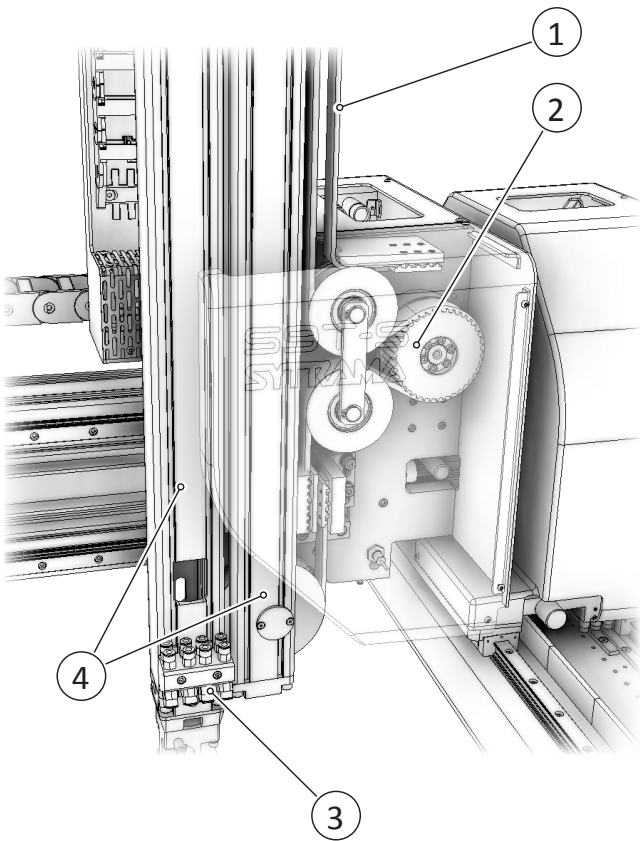


		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
<b>Working stroke</b>	<b>S9T-S (mm)</b>	2000	1200	600	Storage for 100 programs with 300 program lines
	<b>S9T-L (mm)</b>	2500	1400	700	
<b>Top speed</b>	<b>(m/s)</b>	2.5	3	1	Standard palletizing program
<b>Application on injection moulding machines</b>	<b>(tonnes)</b>	250-350 (S9T-S) / 350-500 (S9T-L)			Immediate switching between 2 languages, multiple language available
<b>Positioning reproducibility</b>	<b>(mm)</b>	± 0.2			User definable safe working areas (8 in total)
<b>Manipulable weight</b>	<b>(kg) *</b>	10			Program backup/restore via USB
<b>Pickup device turning</b>	<b>(C axis)</b>	0° - 90°			Multiple passwords allow customized protection levels
<b>Pickup device rotation</b>	<b>(A axis)</b>	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
<b>Piece presence control with vacuum switch</b>		standard			Expandable and remotable 12 Input and 12 Output modules
<b>E.O.A.T control</b>		standard			Controls up to 6 axis, with synchro movements
<b>Compressed air supply</b>	<b>(bar) kPa</b>	(6) 600			Remote assistance via ethernet available on request
<b>Venturi vacuum system max. air consumption</b>	<b>(NI/min)</b>	24			Runs up to 10 parallel programs
<b>Mains voltage</b>		3x400-480 VAC TT TN system			Easy positioning teaching
<b>Maximum rated power</b>	<b>(kW)</b>	7			
<b>Auxiliary control voltage</b>	<b>(V d.c.)</b>	24			
<b>Noise level</b>	<b>dB(A)</b>	<85			
<b>Paintwork</b>		RAL 7016 - RAL 9022			
<b>Electrical panel paintwork</b>		RAL 7035			
<b>Interfacing</b>		Euromap 67 - 12 (optional)			
<b>Weight of manipulator</b>	<b>(kg)</b>	340 (S9T-S) / 380 (S9T-L)			
<b>Weight of electrical panel</b>	<b>(kg)</b>	98			
* Including pickup device and depending on application, speeds and accelerations					

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# S9T

**SYTRAMA**



1. *Y axis high power belt*
2. *low maintenance and accurate belt transmission*
3. *easy connection for pneumatic utility*
4. *aluminum alloy telescopic vertical axis*
5. *brushless motor*
6. *Z axis high-precision guiding system with sliding block on prismatic guides*
7. *Z axis high power belt*
8. *90° pneumatic overturning*
9. *X axis high-precision guiding system with sliding block on prismatic guides*
10. *special aluminum designed for high stiffness*





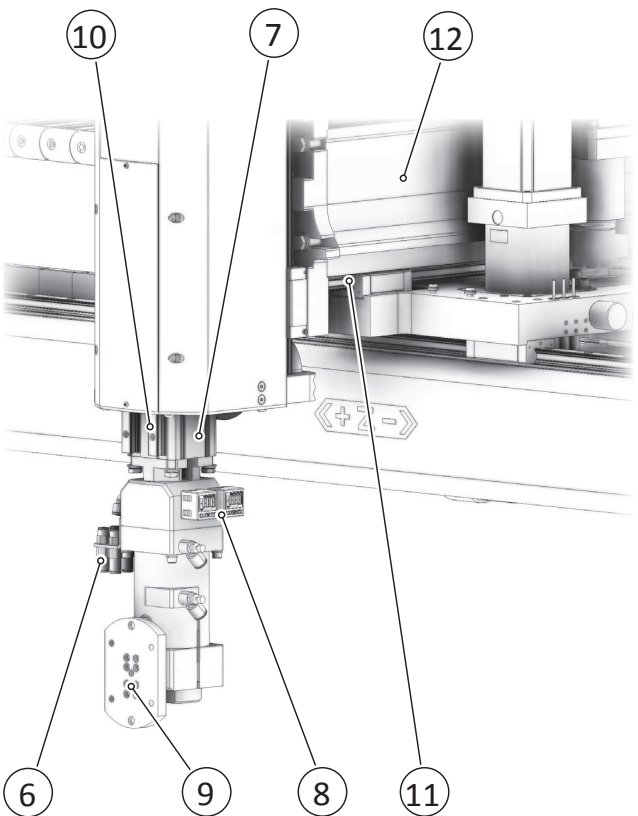
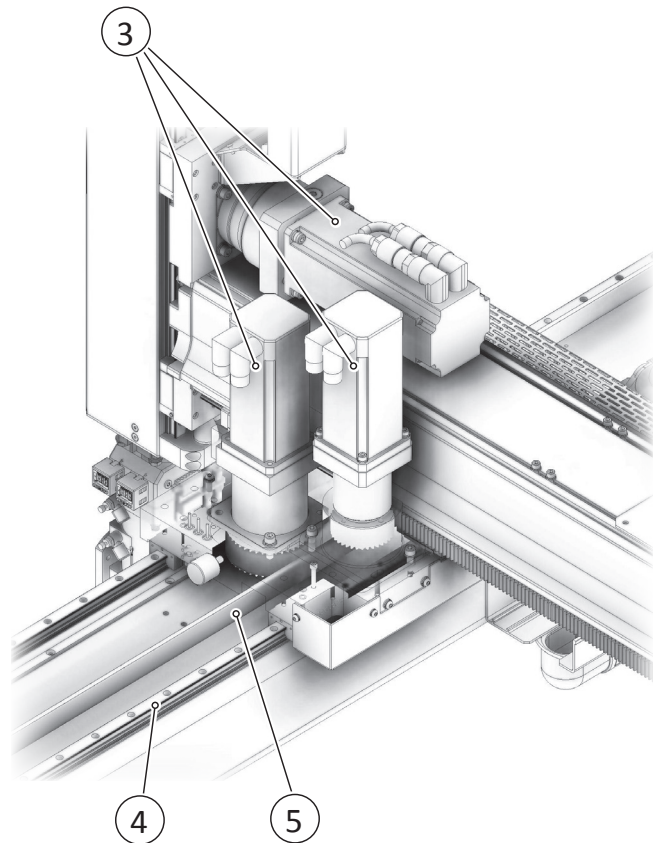
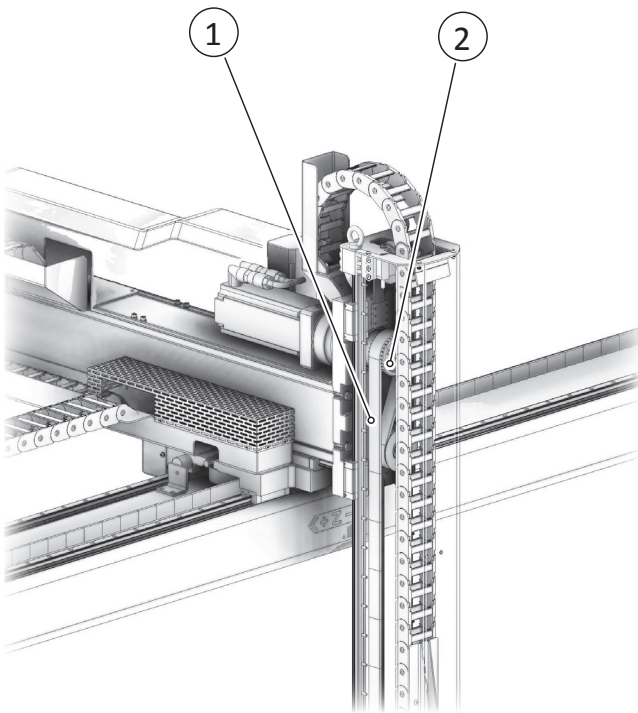
		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
<b>Working stroke</b>	<i>S10-S (mm)</i>	2500	1600	900	Storage for 100 programs with 300 program lines
	<i>S10-L (mm)</i>	3000	1800	900	
<b>Top speed</b>	<i>(m/s)</i>	2	4	1	Standard palletizing program
<b>Application on injection moulding machines</b>	<i>(tonnes)</i>	400-700 (S10-S) / 700-1000 (S10-L)			Immediate switching between 2 languages, multiple language available
<b>Positioning reproducibility</b>	<i>(mm)</i>	± 0.2			User definible safe working areas (8 in total)
<b>Manipulable weight</b>	<i>(kg) *</i>	20			Program backup/restore via USB
<b>Pickup device turning</b>	<i>(C axis)</i>	0° - 90°			Multiple passwords allow customized protection levels
<b>Pickup device rotation</b>	<i>(A axis)</i>	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
<b>Piece presence control with vacuum switch</b>		standard			Expandable and remotable 12 Input and 12 Output modules
<b>E.O.A.T control</b>		standard			Controls up to 6 axis, with synchro movements
<b>Compressed air supply</b>	<i>(bar) kPa</i>	(6) 600			Remote assistance via ethernet available on request
<b>Venturi vacuum system max. air consumption</b>	<i>(NI/min)</i>	24			Runs up to 10 parallel programs
<b>Mains voltage</b>		3x400-480 VAC TT TN system			Easy positioning teaching
<b>Maximum rated power</b>	<i>(kW)</i>	7,5			
<b>Auxiliary control voltage</b>	<i>(V d.c.)</i>	24			
<b>Noise level</b>	<i>dB(A)</i>	<85			
<b>Paintwork</b>		RAL 7016 - RAL 9022			
<b>Electrical panel paintwork</b>		RAL 7035			
<b>Interfacing</b>		Euromap 67 - 12 (optional)			
<b>Weight of manipulator</b>	<i>(kg)</i>	450 (S10-S) / 500 (S10-L)			
<b>Weight of electrical panel</b>	<i>(kg)</i>	98			

\* Including pickup device and depending on application, speeds and accelerations

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# SIO

**SYTRAMA**



1. *Y axis high power belt*
2. *low maintenance and accurate belt transmission*
3. *brushless motor*
4. *Z axis high-precision guiding system with sliding block on prismatic guides*
5. *Z axis high power belt*
6. *easy connection for pneumatic utility*
7. *special aluminum designed for high stiffness*
8. *analogic measuring vacuum, programmable from keyboard*
9. *90° pneumatic overturning*
10. *Y axis high-precision guiding system with sliding block on prismatic guides*
11. *X axis high-precision guiding system with sliding block on prismatic guides*
12. *special aluminum designed for high stiffness*



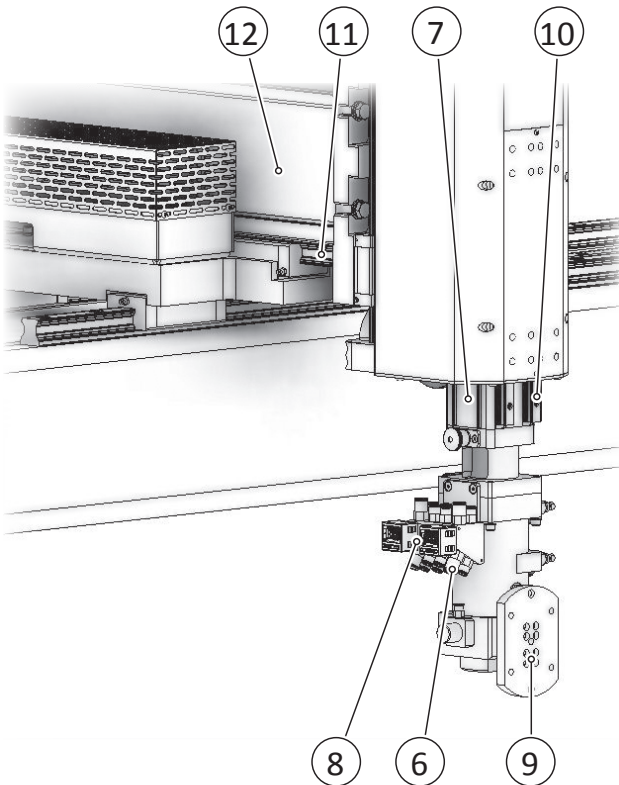
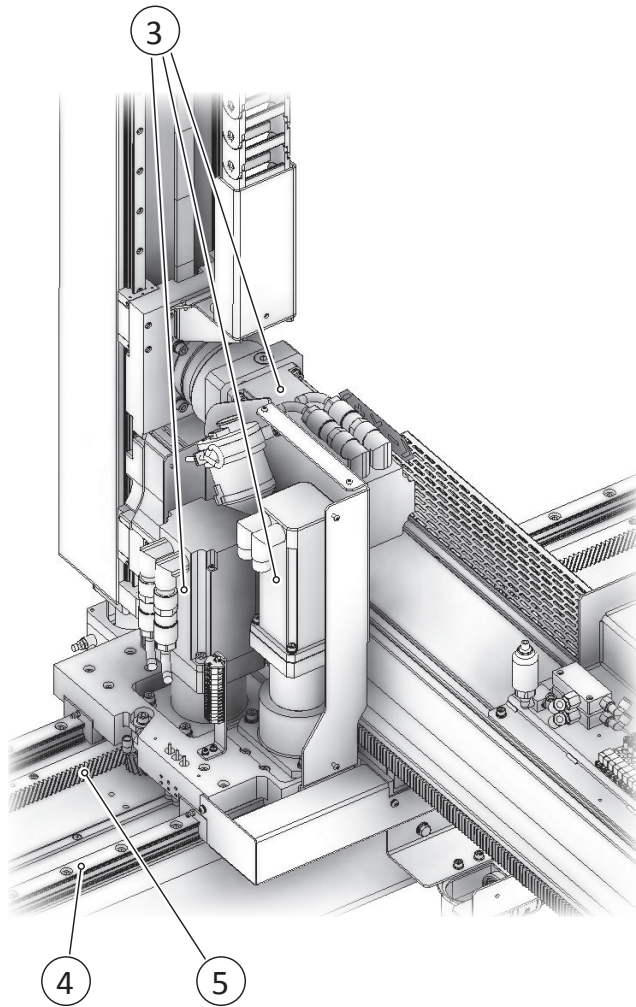
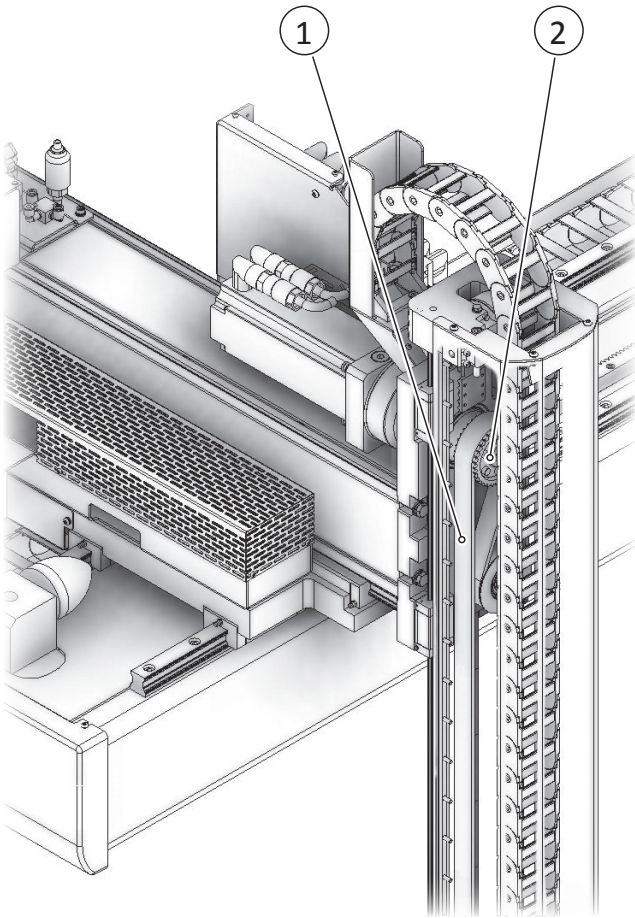
		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
Working stroke	(mm)	3000	2000	1200	Storage for 100 programs with 300 program lines
Top speed	(m/s)	1.8	3	1	Standard palletizing program
Application on injection moulding machines	(tonnes)	800-1500			Immediate switching between 2 languages, multiple language available
Positioning reproducibility	(mm)	± 0.2			User definable safe working areas (8 in total)
Manipulable weight	(kg) *	30			Program backup/restore via USB
Pickup device turning	(C axis)	0° - 90°			Multiple passwords allow customized protection levels
Pickup device rotation	(A axis)	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
Piece presence control with vacuum switch		standard			Expandable and removable 12 Input and 12 Output modules
E.O.A.T control		standard			Controls up to 6 axis, with synchro movements
Compressed air supply	(bar) kPa	(6) 600			Remote assistance via ethernet available on request
Venturi vacuum system max. air consumption	(l/min)	24			Runs up to 10 parallel programs
Mains voltage		3x400-480 VAC TT TN system			Easy positioning teaching
Maximum rated power	(kW)	8			
Auxiliary control voltage	(V d.c.)	24			
Noise level	dB(A)	<85			
Paintwork		RAL 7016 - RAL 9022			
Electrical panel paintwork		RAL 7035			
Interfacing		Euromap 67 - 12 (optional)			
Weight of manipulator	(kg)	635			
Weight of electrical panel	(kg)	98			

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# S20-S

**SYTRAMA**



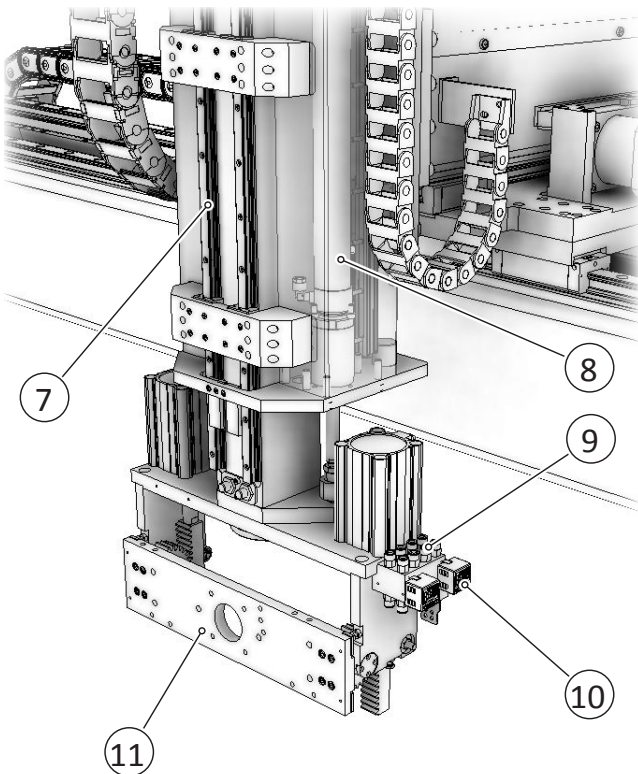
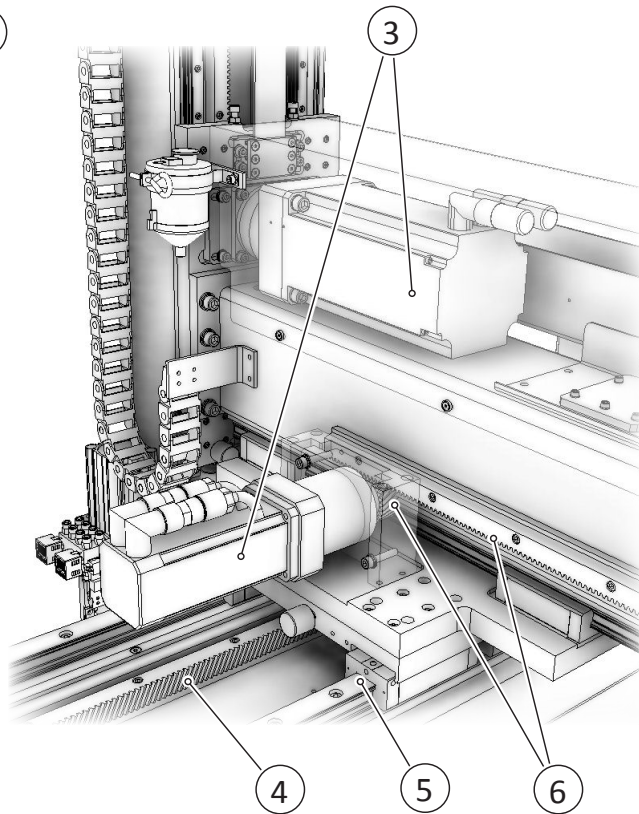
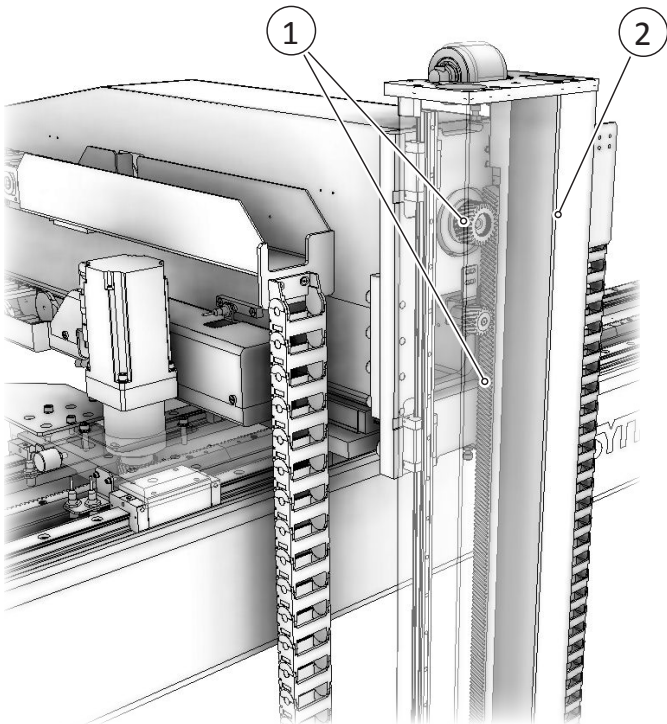
1. *Y axis high power belt*
2. *low maintenance and accurate belt transmission*
3. *brushless motor*
4. *Z axis high-precision guiding system with sliding block on prismatic guides*
5. *Z axis rack*
6. *easy connection for pneumatic utility*
7. *special aluminum designed for high stiffness*
8. *analogic measuring vacuum, programmable from keyboard*
9. *90° pneumatic overturning*
10. *Y axis high-precision guiding system with sliding block on prismatic guides*
11. *X axis high-precision guiding system with sliding block on prismatic guides*
12. *special aluminum designed for high stiffness*



		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
Working stroke	(mm)	3500	2700	1600	Storage for 100 programs with 300 program lines
Top speed	(m/s)	1.8	2.4	1	Standard palletizing program
Application on injection moulding machines	(tonnes)	1500-2000			Immediate switching between 2 languages, multiple language available
Positioning reproducibility	(mm)	± 0.2			User definable safe working areas (8 in total)
Manipulable weight	(kg) *	40			Program backup/restore via USB
Pickup device turning	(C axis)	0° - 90°			Multiple passwords allow customized protection levels
Pickup device rotation	(A axis)	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
Piece presence control with vacuum switch		standard			Expandable and removable 12 Input and 12 Output modules
E.O.A.T control		standard			Controls up to 6 axis, with synchro movements
Compressed air supply	(bar) kPa	(6) 600			Remote assistance via ethernet available on request
Venturi vacuum system max. air consumption	(NI/min)	24			Runs up to 10 parallel programs
Mains voltage		3x400-480 VAC TT TN system			Easy positioning teaching
Maximum rated power	(kW)	8			
Auxiliary control voltage	(V d.c.)	24			
Noise level	dB(A)	<85			
Paintwork		RAL 7016 - RAL 9022			
Electrical panel paintwork		RAL 7035			
Interfacing		Euromap 67 - 12 (optional)			
Weight of manipulator	(kg)	980			
Weight of electrical panel	(kg)	98			

\* Including pickup device and depending on application, speeds and accelerations

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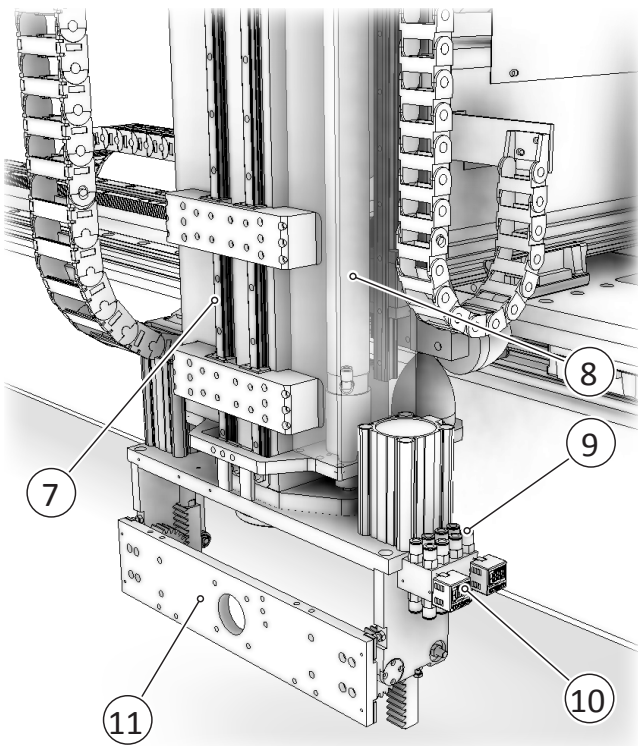
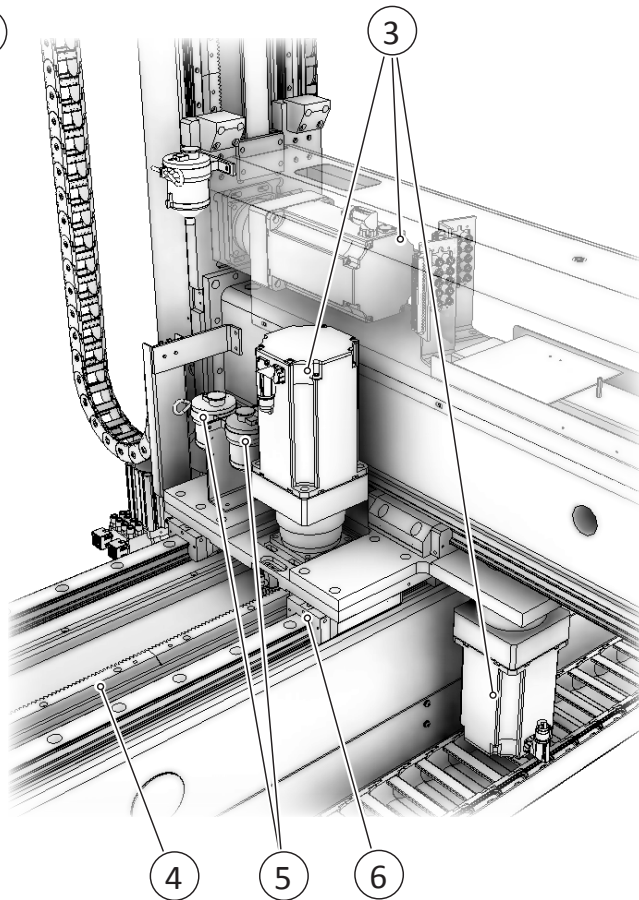
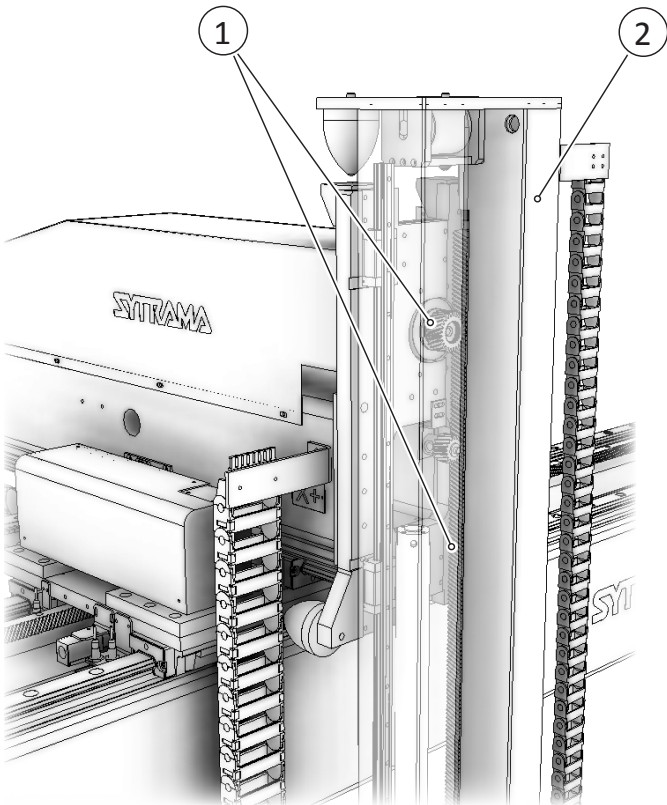
1. *Y axis rack & pinion transmission*
2. *Y axis aluminum extruded designed for high stiffness*
3. *brushless motors*
4. *Z axis rack*
5. *Z axis high-precision guiding system with sliding block on prismatic guides*
6. *X axis rack & pinion transmission*
7. *Y axis high-precision guiding system with sliding block on prismatic guides*
8. *Y axis damping cylinder*
9. *easy connection for pneumatic utility*
10. *analogic vacuum switch, settable from keyboard*
11. *0°-90° pneumatic overturning, with double actuator*



		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
Working stroke	(mm)	4000	2700	1800	Storage for 100 programs with 300 program lines
Top speed	(m/s)	1.2	2.4	1	Standard palletizing program
Application on injection moulding machines	(tonnes)	2000-3500			Immediate switching between 2 languages, multiple language available
Positioning reproducibility	(mm)	± 0.2			User definable safe working areas (8 in total)
Manipulable weight	(kg) *	50			Program backup/restore via USB
Pickup device turning	(C axis)	0° - 90°			Multiple passwords allow customized protection levels
Pickup device rotation	(A axis)	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
Piece presence control with vacuum switch		standard			Expandable and removable 12 Input and 12 Output modules
E.O.A.T control		standard			Controls up to 6 axis, with synchro movements
Compressed air supply	(bar) kPa	(6) 600			Remote assistance via ethernet available on request
Venturi vacuum system max. air consumption	(NI/min)	24			Runs up to 10 parallel programs
Mains voltage		3x400-480 VAC TT TN system			Easy positioning teaching
Maximum rated power	(kW)	12			
Auxiliary control voltage	(V d.c.)	24			
Noise level	dB(A)	<85			
Paintwork		RAL 7016 - RAL 9022			
Electrical panel paintwork		RAL 7035			
Interfacing		Euromap 67 - 12 (optional)			
Weight of manipulator	(kg)	1670			
Weight of electrical panel	(kg)	98			

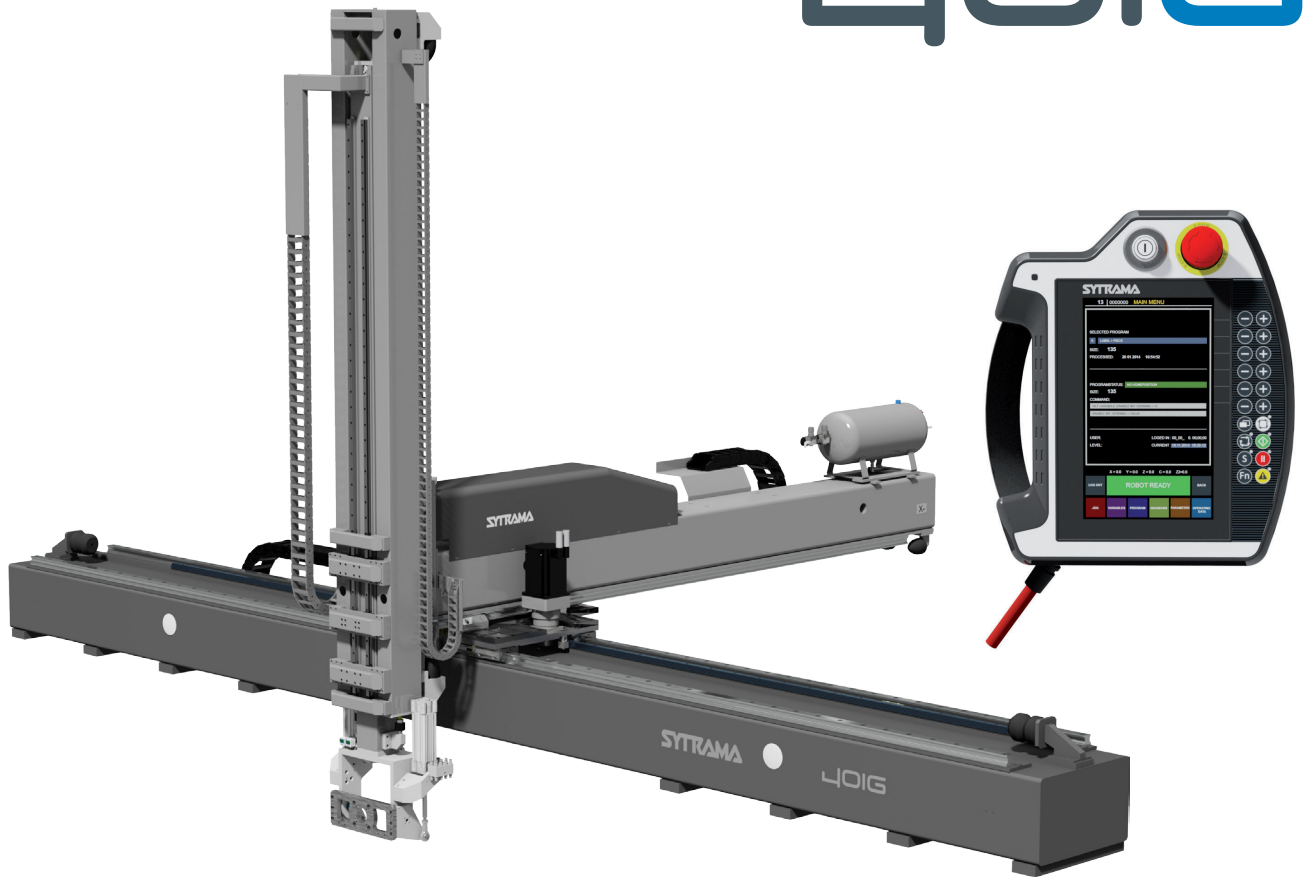
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1. *Y axis rack & pinion transmission*
2. *Y axis aluminum extruded designed for high stiffness*
3. *brushless motors*
4. *Z axis rack*
5. *racks automated lubricating system*
6. *Z axis high-precision guiding system with sliding block on prismatic guides*
7. *Y axis high-precision guiding system with sliding block on prismatic guides*
8. *Y axis damping cylinder*
9. *easy connection for pneumatic utility*
10. *analogic vacuum switch, settable from keyboard*
11. *0°-90° pneumatic overturning, with double actuator*





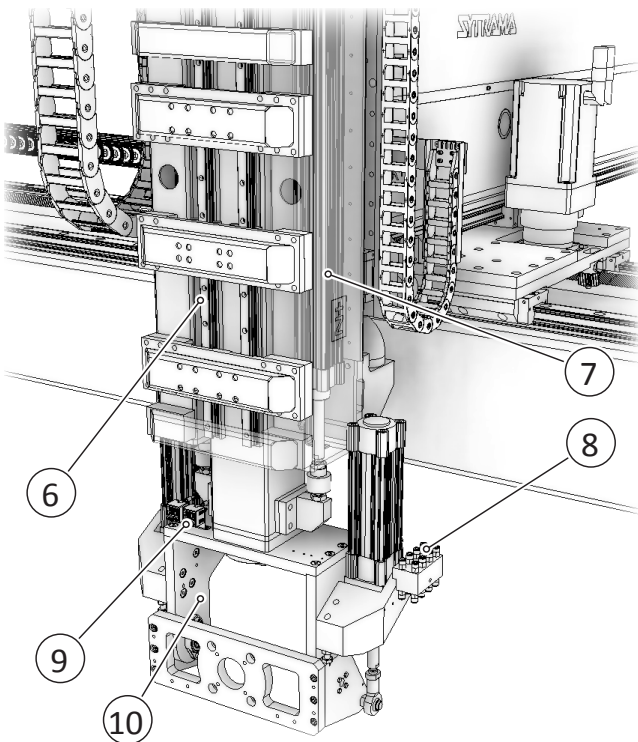
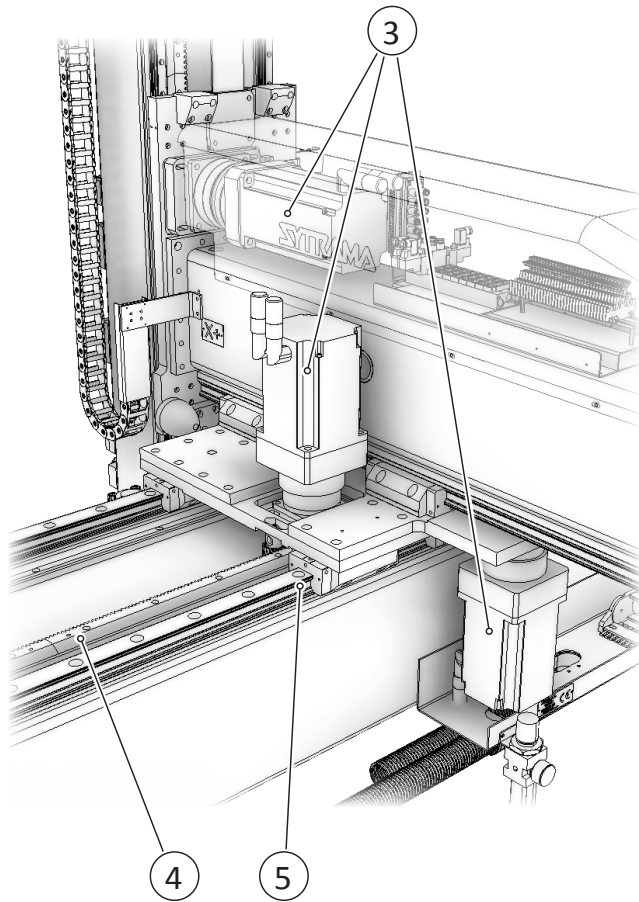
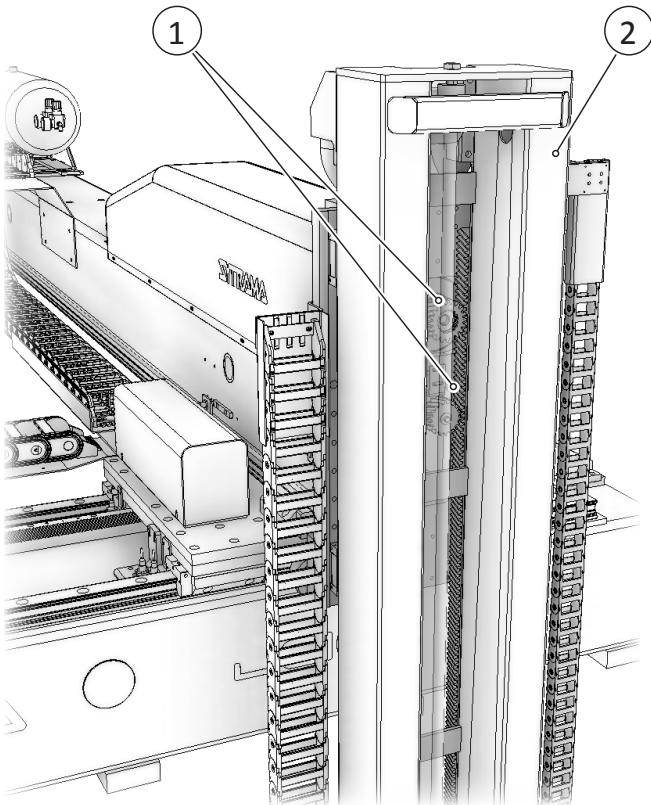
		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
Working stroke	(mm)	4500	3000	2000	Storage for 100 programs with 300 program lines
Top speed	(m/s)	1	2	1	Standard palletizing program
Application on injection moulding machines	(tonnes)	3000-4500			Immediate switching between 2 languages, multiple language available
Positioning reproducibility	(mm)	± 0.2			User definable safe working areas (8 in total)
Manipulable weight	(kg) *	70			Program backup/restore via USB
Pickup device turning	(C axis)	0° - 90°			Multiple passwords allow customized protection levels
Pickup device rotation	(A axis)	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
Piece presence control with vacuum switch		standard			Expandable and removable 12 Input and 12 Output modules
E.O.A.T control		standard			Controls up to 6 axis, with synchro movements
Compressed air supply	(bar) kPa	(6) 600			Remote assistance via ethernet available on request
Venturi vacuum system max. air consumption	(NI/min)	24			Runs up to 10 parallel programs
Mains voltage		3x400-480 VAC TT TN system			Easy positioning teaching
Maximum rated power	(kW)	17			
Auxiliary control voltage	(V d.c.)	24			
Noise level	dB(A)	<85			
Paintwork		RAL 7016 - RAL 9022			
Electrical panel paintwork		RAL 7035			
Interfacing		Euromap 67 - 12 (optional)			
Weight of manipulator	(kg)	2300			
Weight of electrical panel	(kg)	110			

\* Including pickup device and depending on application, speeds and accelerations

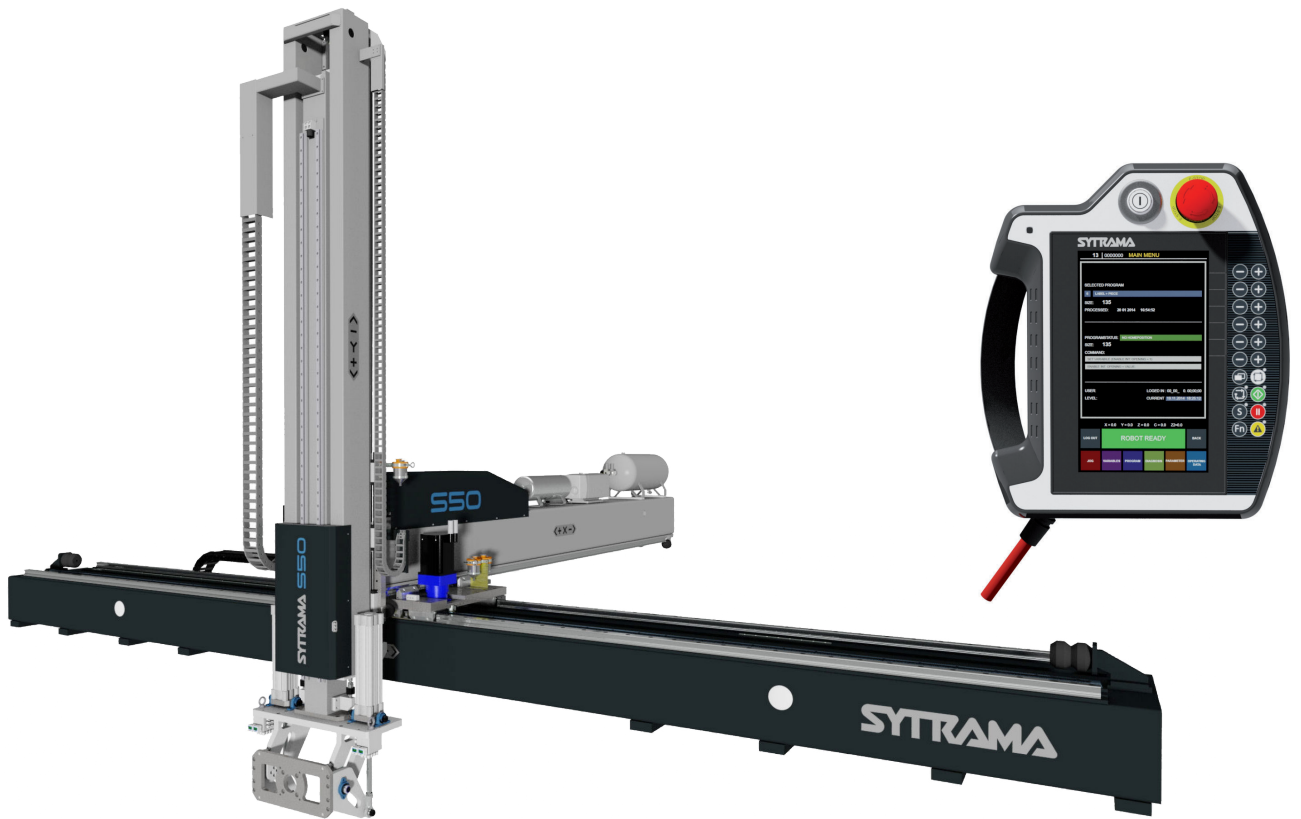
Technical data are not binding and are subject to modification without notice

# 401G

# SYTRAMA



1. *Y axis rack & pinion transmission*
2. *Y axis steel frame designed for high stiffness*
3. *brushless motors*
4. *Z axis rack*
5. *Z axis high-precision guiding system with sliding block on prismatic guides*
6. *Y axis high-precision guiding system with sliding block on prismatic guides*
7. *Y axis damping cylinder*
8. *easy connection for pneumatic utility*
9. *analogic vacuum switch, settable from keyboard*
10. *0°-90° pneumatic overturning, with double actuator*



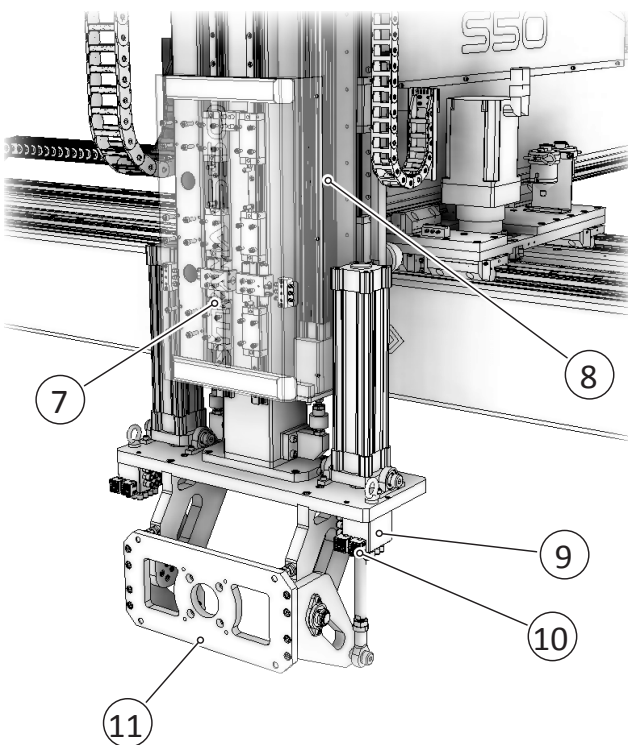
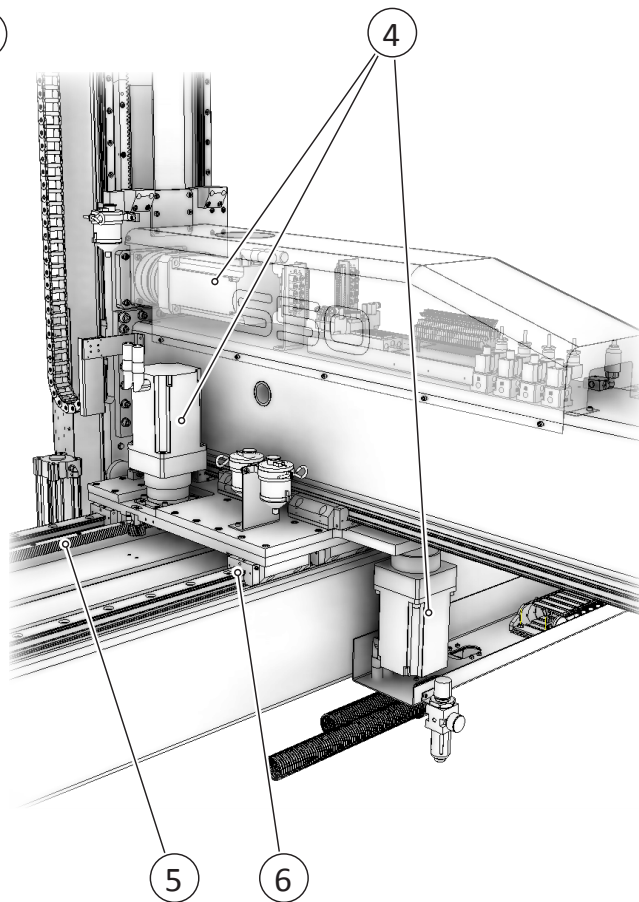
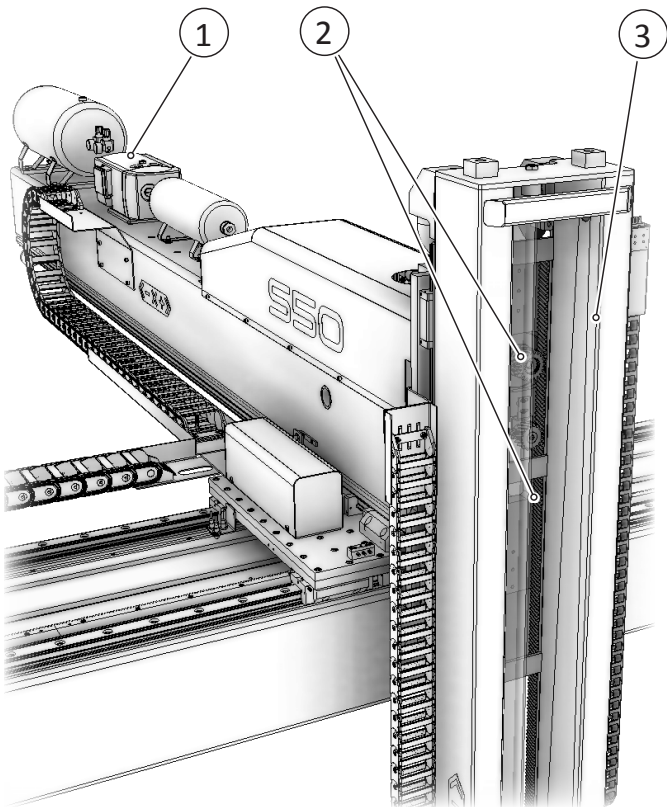
		Transverse axis	Vertical axis	Extraction axis	SCP2 control panel
Working stroke	(mm)	5000	3500	2500	Storage for 100 programs with 300 program lines
Top speed	(m/s)	1	2	1	Standard palletizing program
Application on injection moulding machines	(tonnes)	4000-6000			Immediate switching between 2 languages, multiple language available
Positioning reproducibility		± 0.2			User definable safe working areas (8 in total)
Manipulable weight	(kg) *	100			Program backup/restore via USB
Pickup device turning	(C axis)	0° - 90°			Multiple passwords allow customized protection levels
Pickup device rotation	(A axis)	0°-90°/0°-180° (Optional)			Control monitors system conditions and maintenance status
Piece presence control with vacuum switch		standard			Expandable and removable 12 Input and 12 Output modules
E.O.A.T control		standard			Controls up to 6 axis, with synchro movements
Compressed air supply	(bar) kPa	(6) 600			Remote assistance via ethernet available on request
Pump vacuum system suction flow	(NI/min)	166			Runs up to 10 parallel programs
Mains voltage		3x400-480 VAC TT TN system			Easy positioning teaching
Maximum rated power	(kW)	18			
Auxiliary control voltage	(V d.c.)	24			
Noise level	dB(A)	<85			
Paintwork		RAL 7016 - RAL 9022			
Electrical panel paintwork		RAL 7035			
Interfacing		Euromap 67 - 12 (optional)			
Weight of manipulator	(kg)	2300			
Weight of electrical panel	(kg)	110			

\* Including pickup device and depending on application, speeds and accelerations

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# S50

**SYTRAMA**



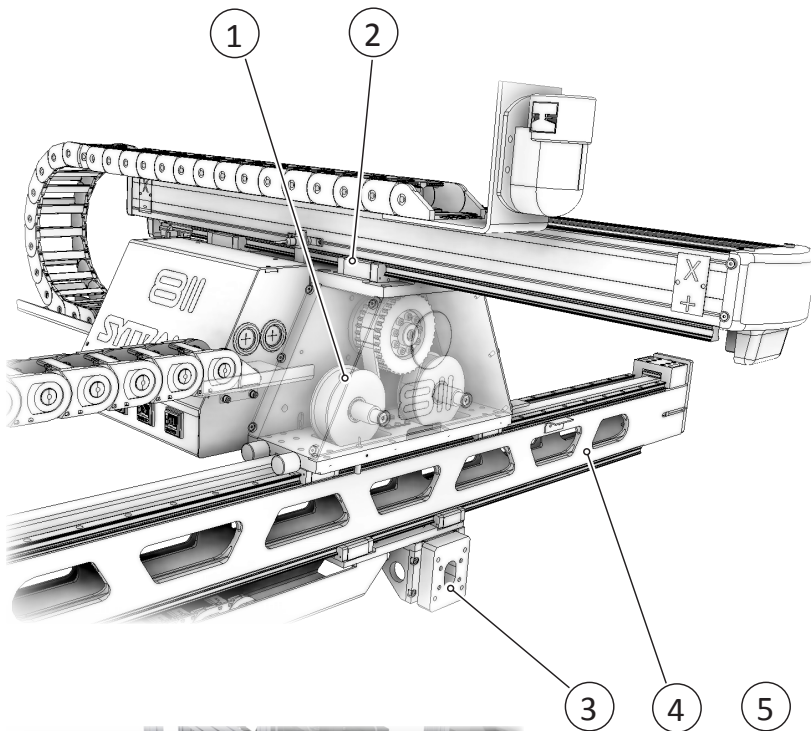
1. vacuum pump
2. Y axis rack & pinion transmission
3. Y axis steel frame designed for high stiffness
4. brushless motors
5. Z axis rack
6. Z axis high-precision guiding system with sliding block on prismatic guides
7. Y axis high-precision guiding system with sliding block on prismatic guides
8. Y axis damping cylinder
9. easy connection for pneumatic utility
10. analogic vacuum switch, settable from keyboard
11. 0°-90° pneumatic overturning, with double actuator



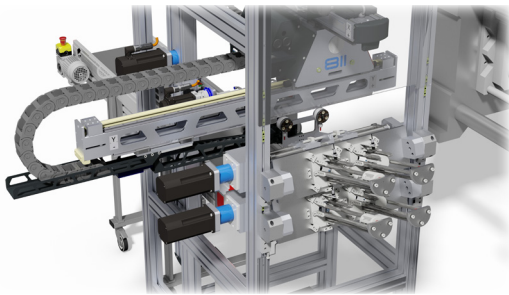
		Transverse axis	Extraction axis	SCP2 control panel
Working stroke	(mm)	1600/1800/2000	400	Storage for 100 programs with 300 program lines
Top speed	(m/s)	8	1,6	Standard palletizing program
Application on injection moulding machines	(tonnes)	150-350		Immediate switching between 2 languages, multiple language available
Positioning reproducibility		± 0.2		User definable safe working areas (8 in total)
Manipulable weight	(kg) *	8		Program backup/restore via USB
Piece presence control with vacuum switch		standard		Multiple passwords allow customized protection levels
E.O.A.T control		standard		Control monitors system conditions and maintenance status
Compressed air supply	(bar) kPa	(6) 600		Expandable and removable 12 Input and 12 Output modules
Venturi vacuum system max. air consumption	(NI/min)	24		Controls up to 6 axis, with synchro movements
Mains voltage		3x400-480 VAC TT TN system		Remote assistance via ethernet available on request
Maximum rated power	(kW)	9		Runs up to 10 parallel programs
Auxiliary control voltage	(V d.c.)	24		Easy positioning teaching
Noise level	dB(A)	<85		
Paintwork		RAL 7016 - RAL 9022		
Electrical panel paintwork		RAL 7035		
Interfacing		Euromap 67 - 12 (optional)		
Weight of manipulator	(kg)	100		
Weight of electrical panel	(kg)	98		

\* Including pickup device and depending on application, speeds and accelerations

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1. Z axis drive belt/pulleys transmission
2. X axis high-precision guiding system with sliding block on prismatic guides
3. Gripper flange
4. Z axis aluminum frame designed for high stiffness and lightness
5. Z axis high-precision guiding system with sliding block on prismatic guides
6. Z axis brushless motor
7. X axis worm screw/lead nut transmission
8. X axis brushless motor



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