

		S6	S8-S	S8-L	S9-S	S9T-S	S9-L	S9T-L	S10-S	S10-L	S20-S	251 G	301 G	401 G	S50
Z - Transverse axis	Working stroke mm	1300	1600	2000	2000	2000	2500	2500	2500	3000	3000	3500	4000	4500	5000
	Top speed m/s	1,8	1,8	2,5				2		1,8	1,8	1,2	1	1	
Y - Vertical axis	Working stroke mm	1000	1200	1200	1200		1400		1600	1800	2000	2700	2700	3000	3500
	Top speed m/s	3	3		4			4		3	2,4	2,4	2	2	
X - Extraction axis	Working stroke mm	400	600		600		700		900	900	1200	1600	1800	2000	2500
	Top speed m/s	1	1		1			1		1	1	1	1	1	1
Application on injection moulding machines	ton.	50-130	70-250		250-350		350-500		400-1000		800-1500	1500-2000	2000-3500	3000-4500	4000-6000
Transverse axis overall dimension	A	2086	2386	2713	2826	2826	3366	3366	3405	3946	4076	4410	5390	5920	6470
Transverse axis extrastroke encumbrance	B	473	473		534			418		493	540	647	710	735	
Plinth height	C	To be defined according to IMM safety gates and tie bars clearance													
Vertical overall dimension	D	1506	1686		1867	1469	2031	1529	1699	1777	1929	2196	2518	2873	3118
Pivot height below transverse beam	E	51	51		97			172		115	-76	-70	236	236	
Extraction axis overall dimension	F	1120	1300		1400		1520		1650		2083	2110	3045	3515	4125
Positioning reproducibility	mm	± 0.2													
Manipulable weight*	kg	5 kg	5 kg		10 kg			20 kg		30 kg	40 kg	50 kg	70 kg	100 kg	
Pickup device turning	(C axis)	Pneumatic, 0° - 90° standard													
Pickup device rotation	(A axis)	0°-90°/0°-180° (Optional, pneumatic or servo**)													
E.O.A.T control		standard													
Compressed air supply	(bar) kPa	6 bar 600 kPa													
Venturi ejector max. suction flow	(NI/min)	12			24				40			166 (with pump)			
Mains voltage		3x400-480 VAC TT TN system													
Maximum rated power	(kW)	1,3	1,3		4,3			4,3		4,3	4,3	4,3	11	11	
Auxiliary control voltage	(V DC)	24													
Paintwork		RAL 7016 - RAL9022													
Electrical panel paintwork		RAL7035													
Interfacing		Euromap 67 (Euromap 12 optional)													
Weight of manipulator	(kg)	200	220	240	300	330	350	380	450	500	670	1200	1580	2300	3300
Weight of electrical panel	(kg)	70						73				90			
Optional C axis servo rotation		YES **			YES										
Optional A axis pneumatic rotation		YES **			YES										
Optional A axis servo rotation		YES **			YES										
Optional B axis pneumatic rotation		YES **			YES										
Optional B axis servo rotation		YES **			YES										

* Including pickup device and depending on application, speeds and accelerations / ** The S6/S8 robots are available with a single rotation option

