Automation has a name.

FANUC

SMARTER, FASTER AND MORE EFFICIENT ALL-ELECTRIC INJECTION MOULDING

FANUC ROBOSHOT SC series



BOOST YOUR PRODUCTIVITY
for faster clamping
and injection speeds

HANDLE LARGER MOULDS WITH EASE
using expanded capacity
in the same compact footprint

SIMPLIFY YOUR OPERATIONS
with faster mould changes,
intuitive controls and maintenance-friendly access

CUT ENERGY COSTS & REDUCE YOUR FOOTPRINT
thanks to advanced energy-saving & temperature optimisation functions

STAY AHEAD WITH INTELLIGENT MANUFACTURING
provided by built-in AI and
IoT connectivity

READY FOR AUTOMATION
with plug-and-play FL-net
connection









Performance meets the future.

FANUC ROBOSHOT SC series sets a new benchmark for precision and productivity in all-electric injection moulding. With increased clamping force, faster cycle times, and expanded mould capacity, it offers exceptional flexibility in a compact design. Advanced AI-driven process control and energy-saving features ensure consistent part quality while reducing total cost of ownership.

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FANUC ROBOSHOT SC SERIES
Injection Unit Configuration

	Injection Unit	Screw diameters [mm]	16	18	20	22	26	28	32	36	40	44	48	52	56	64	68	72	80
FANUC ROBOSHOT S180C	B330S	Max. injection speed [mm/sec]	550																
		Max. injection volume [cm³]	11	19	24	29	50	58	103										
		Max. injection pressure [Mpa]	280	280	310	290	260	220	170										
	B330	Max. injection speed [mm/sec]	350																
		Max. injection volume [cm³]	11	19	24	29	50	58	103	147	181								
		Max. injection pressure [Mpa]	280	280	310	290	290	270	250	190	160								
	B710	Max. injection speed [mm/sec]	350																
		Max. injection volume [cm³]					50	58	121	153	188	268	318	442					
		Max. injection pressure [Mpa]					280	280	310	310	280	240	190	160					
	B710G	Max. injection speed [mm/sec]	200																
		Max. injection volume [cm³]					50	58	121	153	188	268	318	442					
		Max. injection pressure [Mpa]					280	280	310	310	260	220	190	160					
	B710D	Max. injection speed [mm/sec]	280																
		Max. injection volume [cm³]					50	58	121	153	188	268	318	442					
		Max. injection pressure [Mpa]					280	280	310	310	280	240	190	160					
FANUC ROBOSHOT S350C / FANUC ROBOSHOT S280C	B900	Max. injection speed [mm/sec]	350																
		Max. injection volume [cm³]					50	58	121	153	188	268	318	442	640				
		Max. injection pressure [Mpa]					280	280	310	310	280	240	190	160	140				
	B900S	Max. injection speed [mm/sec]	500																
		Max. injection volume [cm³]					50	58	121	153	188								
		Max. injection pressure [Mpa]					280	280	300	240	190								
	B1100P	Max. injection speed [mm/sec]	280																
		Max. injection volume [cm³]					50	58	121	153	188	268	318	442	640				
		Max. injection pressure [Mpa]					280	280	310	310	280	260	230	200	172				
	B1600	Max. injection speed [mm/sec]	270																
		Max. injection volume [cm³]									188	268	318	442	640	836	944	1059	
		Max. injection pressure [Mpa]									280	280	270	240	225	175	155	135	
	B1600D	Max. injection speed [mm/sec]	240																
		Max. injection volume [cm³]									188	268	318	442	640	836	944	1059	
		Max. injection pressure [Mpa]									280	280	270	240	225	175	155	135	
	B2400	Max. injection speed [mm/sec]	160																
		Max. injection volume [cm³]														901	1090	1303	1608
		Max. injection pressure [Mpa]														220	200	185	150

For models have high pressure filling mode, the value is in using that mode.
For models have pressure-resistant barrel, the value is with that barrel.
Details are shown in spec table.

S - High speed
D - High duty
G - General purpose
P - High Pressure

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