

Automation has a name.

FANUC

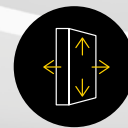
SMARTER, FASTER AND MORE EFFICIENT ALL-ELECTRIC INJECTION MOULDING

FANUC ROBOSHOT SC series

COMING SOON



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				
B330S	Max. injection speed [mm/sec]	550																				
	Max. injection volume [cm ³]	11	19	24	29	50	58	103														
	Max. injection pressure [Mpa]	330	300	360	340	260	220	170														
B330	Max. injection speed [mm/sec]	350																				
	Max. injection volume [cm ³]	11	19	24	29	50	58	103	147	181												
	Max. injection pressure [Mpa]	330	300	360	340	340	320	270	220	160												
B710	Max. injection speed [mm/sec]									350												
	Max. injection volume [cm ³]									50	58	121	153	188	268	318	442					
	Max. injection pressure [Mpa]									280	320	380	345	280	240	190	160					
B710G	Max. injection speed [mm/sec]									200												
	Max. injection volume [cm ³]									50	58	121	153	188	268	318	442					
	Max. injection pressure [Mpa]									280	320	380	330	260	220	190	160					
B710D	Max. injection speed [mm/sec]									280												
	Max. injection volume [cm ³]									50	58	121	153	188	268	318	442					
	Max. injection pressure [Mpa]									280	320	380	345	280	240	190	160					
B900	Max. injection speed [mm/sec]									350												
	Max. injection volume [cm ³]									50	58	121	153	188	268	318	442	640				
	Max. injection pressure [Mpa]									280	320	380	345	280	240	190	160	140				
B900S	Max. injection speed [mm/sec]									500												
	Max. injection volume [cm ³]									50	58	121	153	188								
	Max. injection pressure [Mpa]									280	280	300	240	190								
B1100P	Max. injection speed [mm/sec]									280												
	Max. injection volume [cm ³]									50	58	121	153	188	268	318	442	640				
	Max. injection pressure [Mpa]									280	320	380	345	320	280	230	200	172				
B1600	Max. injection speed [mm/sec]									270												
	Max. injection volume [cm ³]													188	268	318	442	640	836	944	1059	
	Max. injection pressure [Mpa]													290	290	280	250	240	190	170	150	
B1600D	Max. injection speed [mm/sec]									240												
	Max. injection volume [cm ³]													188	268	318	442	640	836	944	1059	
	Max. injection pressure [Mpa]													290	290	280	250	240	190	170	150	
B2400	Max. injection speed [mm/sec]													160								
	Max. injection volume [cm ³]																		901	1090	1303	1608
	Max. injection pressure [Mpa]																		220	200	185	150

FANUC ROBOSHOT S180C

FANUC ROBOSHOT S350C

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