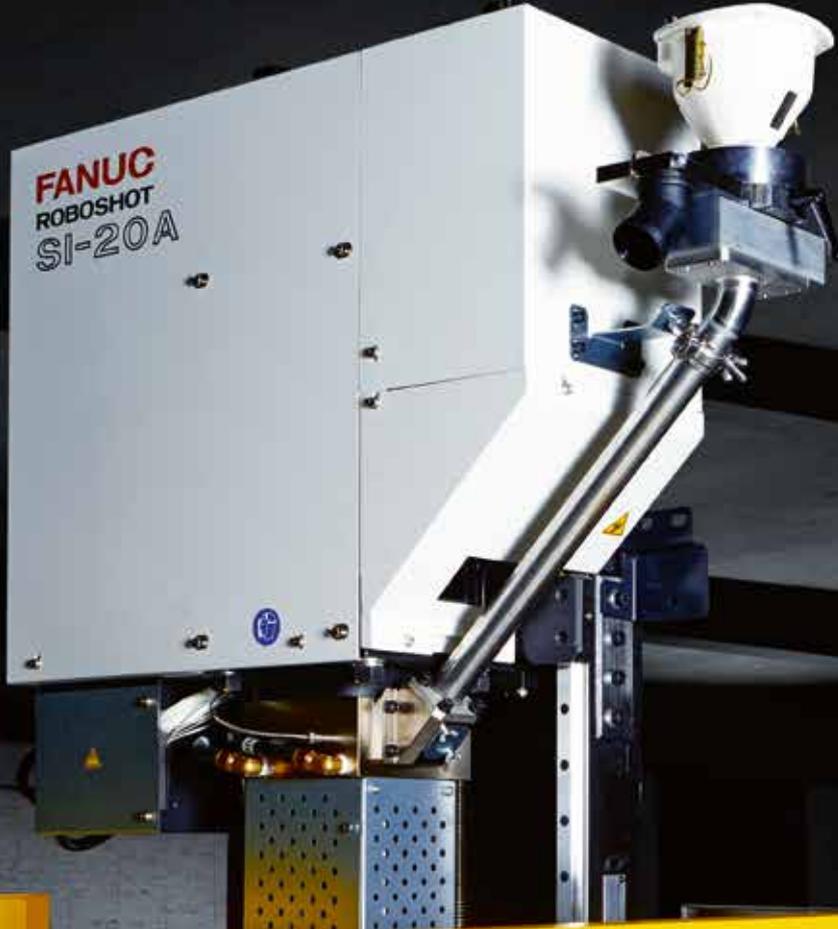


**FANUC**

# FANUC ROBOSHOT SI-20A Vertical Injection Unit



Easy switching between  
operation screens

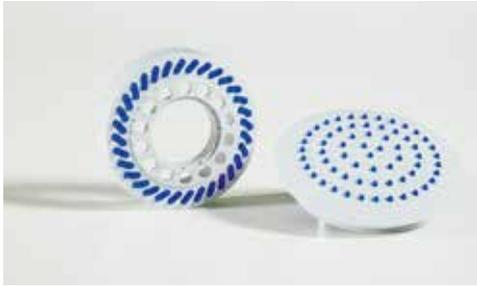
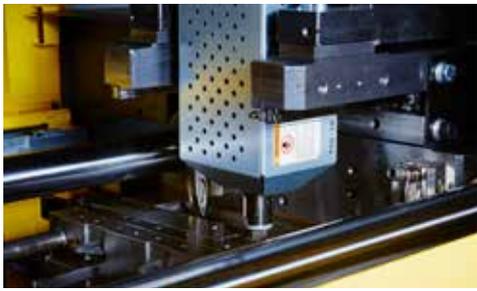


Vertical injection unit  
operation screen



ROBOSHOT  
operation screen





# Vertical Injection Unit

This vertical injection unit can be installed on top of the ROBOSHOT. Two different types of units can be adapted to a machine range of 100 ton to 300 tons. Fitted with FANUC's latest CNC, the unit offers stable, precision moulding and is encased in a space-saving electrical cabinet.

## Features and Benefits:

- controlled by FANUC's latest CNC
- same accuracy and repeatability as any other ROBOSHOT
- can be installed on current ROBOSHOT models
- integrated screen on ROBOSHOT operation screen



## FANUC ROBOSHOT SI-20A

Item	Unit	Specification				
Screw diameter	mm	14	16	18	20	22
Screw stroke	mm	56	56	75	75	75
Maximum injection volume	cm <sup>3</sup>	9	11	19	24	29
Maximum injection speed	mm/s	300				
Maximum injection pressure	MPa	200	180	140	130	120
Maximum pack pressure	MPa	180	160	120	110	100
Maximum injection rate	cm <sup>3</sup> /s	46	60	76	94	114
Maximum screw rotation speed	min <sup>-1</sup>	250				
Nozzle touch force	kN	3				
Number of heaters	Barrel	3				
	Nozzle	1				
Heater capacity	kW	2.4	2.8	3.1	3.5	3.8
Machine weight (injection unit)	ton	0.65 (approximately)				
Machine weight (control unit)	ton	0.15 (approximately)				