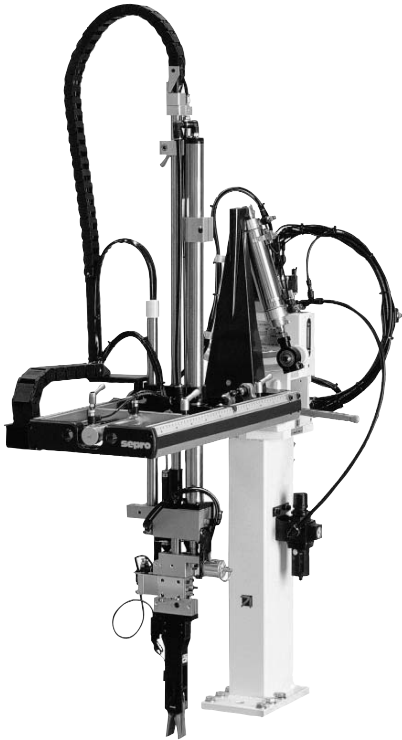


SR55, SR65 AND SR85



QUICK PROGRAMMING FOR FAST CHANGES

No need to call the factory and wait for custom programming. The SR sprue pickers have a hand-held control –just choose one of the 10 standard motion programs or design your own in just minutes. The controller holds up to 10 different custom programs. And it walks you through step-by-step.

No special tools are required for fast, easy setup. Just mount it on the stationary platen, attach compressed air, plug it in and turn it on. The SR provides instant payback and trouble-free operation.

FAST, EASY-TO-PROGRAM CONTROL

Cost effective and reliable, the SR series sprue pickers from Sepro America provide 100% runner and part separation for your molding operation. They require no floor space and will never back-up causing overflow like conventional conveyor/separators.

The controller with its hand-held pendant control holds up to 20 different motion programs. Ten standard factory-set programs get you started. Then add up to 10 custom programs. The hand-held control walks you through step-by-step to maintain safety rules and prevent motion conflicts. You'll maintain the fastest possible molding cycles and be instantly alarmed if a sprue is not verified by the SR Picker's sensing circuit.

■ Quick program changes

The hand-held control allows you to quickly add and modify motion programs without contacting the factory. Program new motion sequences within minutes right on the factory floor.

■ Fast take-out time

100% part and runner separation with balanced, high-speed movement reduces mold open time to a 0.6 second minimum take-out time and a minimum 3.2 second overall cycle.

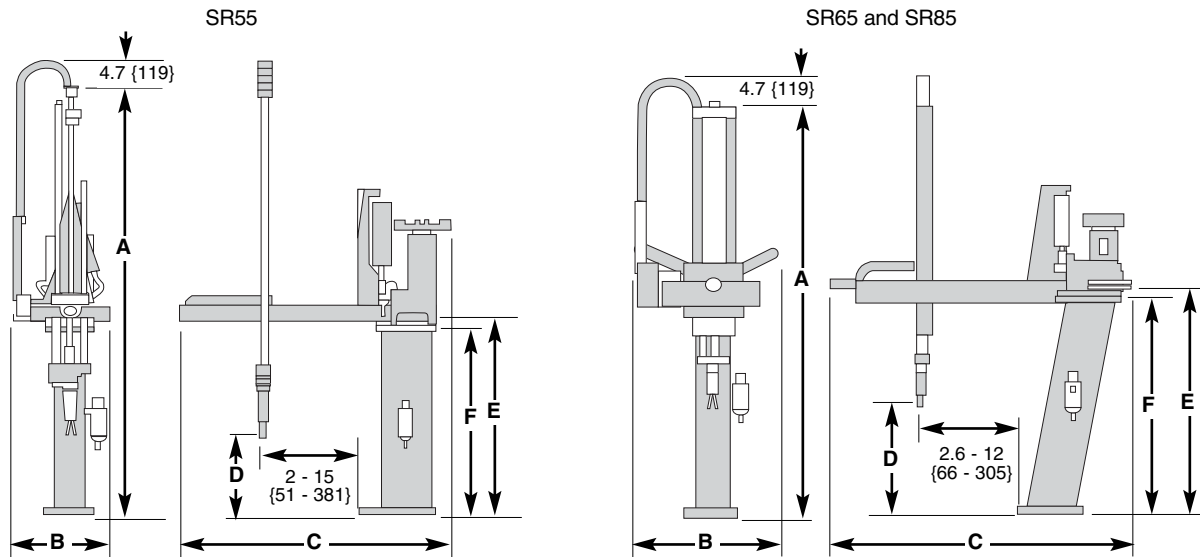
■ Adjustable sprue verification

Set the sensor for standard sprue verification or for soft materials of varying dimensions.

■ Clean, smooth design

Robot arm pivots 90° for easy mold changes.

SR55, SR65 AND SR85



MODEL	SR55	SR65	SR85
Dimensions inches {mm}			
A - Height	51.0 {1300}	66.9 {1700}	74.8 {1900}
B - Width	9.8 {250}	14.4 {366}	14.4 {366}
C - Length	28.3 {720}	38.6 {980}	38.6 {980}
D - Grip Center			
- above Platen, maximum	8.27 {210}	12.6 {320}	12.6 {320}
- with wrist rotation*	5.51 {140}	9.25 {241}	9.25 {241}
E - Swing Point Above Platen	21.9 {556}	30.8 {782}	30.8 {782}
F - Picker Body Pivot Point	19.7 {500}	27.6 {701}	27.6 {701}
Strip Stroke	2.95 {75}	4.92 {125}	4.92 {125}
Vertical Stroke, maximum	21.6 {550}	25.6 {650}	33.5 {850}
Performance characteristics			
Injection machine size, ton	60 - 150	150 - 250	150 - 450
Swing Angle degree	45 - 90	45 - 90	45 - 90
Wrist Rotation Angle degree	90	90	90
Min. Takeout Time, seconds	0.7	1.2	1.4
Min. Cycle Time, seconds	3.2	3.8	4.2
Weight lb {kg}			
Installed	60 {27}	124 {56}	128 {58}
Shipping	85 {39}	139 {63}	143 {65}
Physical Characteristics			
Air Consumption, CFM {NI/cycle}	3 {85}	3 {85}	3 {85}
Max. Payload, (approx) lb {kg}			
- w/o wrist rotation	2.2 {1.0}	4.4 {2.0}	4.4 {2.0}
- with wrist rotation	1.1 {0.5}	2.2 {1.0}	2.2 {1.0}
Working Air Pressure, PSI {MPa} @ 3 CFM	80 {11.6}	80 {11.6}	80 {11.6}
Power Consumption, amps			
115V/1 phase/50-60 Hz	5	5	5
220V/1 phase/50-60 Hz	2.5	2.5	2.5
*Optional			

SPECIFICATION NOTES:
 Specifications may change without notice. Check with a Sepro America representative for the most current information.