



C-frame Series

Small Size High Precision Rubber Injection Machine

High precision, small injection volume plastic, rubber, LSR injection units available, especially suitable for the production of small precise parts with inserts and profile jointing.

Standard Configuration

- ① B & R control system with 10" screen
- ② Screw speed display and control
- ③ Sensitive proportional digital back pressure control
- ④ Material shortage alarm
- ⑤ CE safety standard
- ⑥ The 3rd generation energy and temperature management system
- ⑦ D4 clamping structure



YL-C50L



YL-C80F



Industry Application



Machine Specifications

	Unit	YL-C30L/F	YL-C50L/F	YL-C80L/F	YL-C100L/F
Clamping Force	kN	300	500	800	1000
Closing Stroke	mm	460	460	460	460
Platen Size (width x length)	mm	500x400 / 600x400	500x400 / 600x400	600x400 / 700x500	600x400 / 700x500
Min. Mold Height (rubber)	mm	170	190	200	310
Min. Mold Height (plastic)	mm	250	270	280	390
Optional Injection Unit	cm ³	Rubber: S1R-50 / S1R-170 / S1R-250 / S1R-350 Plastic: F1P-71 / F1P-120 / F1P-200 LSR: F1L-40 / F1L-130 / F1L-250		Rubber: S1R-250 / S1R-350 Plastic: F1P-120 / F1P-200 LSR: F1L-40 / F1L-130 / F1L-250	

Main Option Devices

- ① F1L-LSR injection unit
- ② F1P-Plastic injection unit
- ③ S1R-Rubber injection unit
- ④ Center ejector
- ⑤ Sliding device
- ⑥ Bottom hydraulic mold separator
- ⑦ Top hydraulic mold separator
- ⑧ Double lower mold exchange system(left-right)
- ⑨ Double lower mold rotary system
- ⑩ B&R control system with 21.5" touch screen
- ⑪ Closed-loop servo valve controls injection accuracy
- ⑫ Preheating function of hydraulic oil