



European Series

Benchmark European Standards, Deep Modular, Cost-Effective

YL3-VL/F is the 3rd Generation European Series Injection Machine

It is an intelligent machine that meets requirements of Industry 4.0 for rubber industry. The machine uses new core technology, more precise and reliable, and has "smart" components. Simple operation, less maintenance and easy management. More comprehensive and accurate data supports intelligent manufacturing, thereby helps customers easily reach their business goals.

Standard Configuration

- ① L3R injection unit (except for 100T)
- ② D1 clamping structure (100T and 280T adopt D2 clamping structure)
- ③ V5 control and management system
- ④ The 3rd generation energy and temperature management system
- ⑤ Ergonomic design
- ⑥ CE safety standard
- ⑦ ID card reader with different permission level
- ⑧ Bar code scanning function
- ⑨ OPC communication function
- ⑩ Screw speed display and control
- ⑪ Sensitive proportional digital back pressure control
- ⑫ Material shortage alarm function



YL3-V440L

European Series



V100F



V280L



V440L



V630F



V1200L

Industry Application



Machine Specifications

	Unit	YL2-V100F	YL2-V280L/F	YL2-V440L/F
Clamping Structure		D2	D2	D1
Clamping Force	kN	1000	2800	4400
Closing Stroke	mm	450	500	600
Heating Plate Size	mm	320x410	560x630 / 670x630 / 560x780 / 670x780	700x800 / 810x1000
Heating Plate Heating Power	kW	10	17/21/22/26	28/38
Standard Injection Unit	cm ³	F1R-500	L3R-2000A1	L3R-4000C1
Optional Injection Unit	cm ³	F1R-1000	F1R-500 / L3R-1000A1 L3R-3000B1 / L3R-4000B1 F3R-1500B1 / F3R-3000B1	L3R-3000B1 / L3R-4000B1 / L3R-4000C2 / L3R-5000C1 L3R-6000C1 / L3R-6500D1 / L3R-8000D1 / F3R-1500B1 F3R-3000B1 / F3R-4000C1 / F3R-5000C1

	YL2-V550/630L/F	YL2-V800L/F	YL2-V1200L/F
Clamping Structure	D1	D1	D1
Clamping Force	5500/6300	8000	12000
Closing Stroke	700	800	850
Heating Plate Size	810x1000 / 900x1000	810x1000 / 900x1000	1200x1600 / 1300x1300
Heating Plate Heating Power	38/45	38/45	70/70
Standard Injection Unit	L3R-6000C1	L3R-8000D1	L3R-8000D1
Optional Injection Unit	L3R-4000C1 / L3R-4000C2 / L3R-5000C1 / L3R-6500D1 L3R-8000D1 / L3R-8000D2 / L3R-10000D1 / F3R-4000C1 F3R-5000C1 / F3R-10000E1	L3R-4000C1 / L3R-4000C2 / L3R-5000C1 L3R-6000C1 / L3R-6500D1 / L3R-8000D2 L3R-10000D1 / F3R-4000C1 / F3R-5000C1	L3R-4000C1 / L3R-4000C2 / L3R-5000C1 L3R-6000C1 / L3R-6500D1 / L3R-8000D2 L3R-10000D1 / F3R-4000C1 / F3R-5000C1

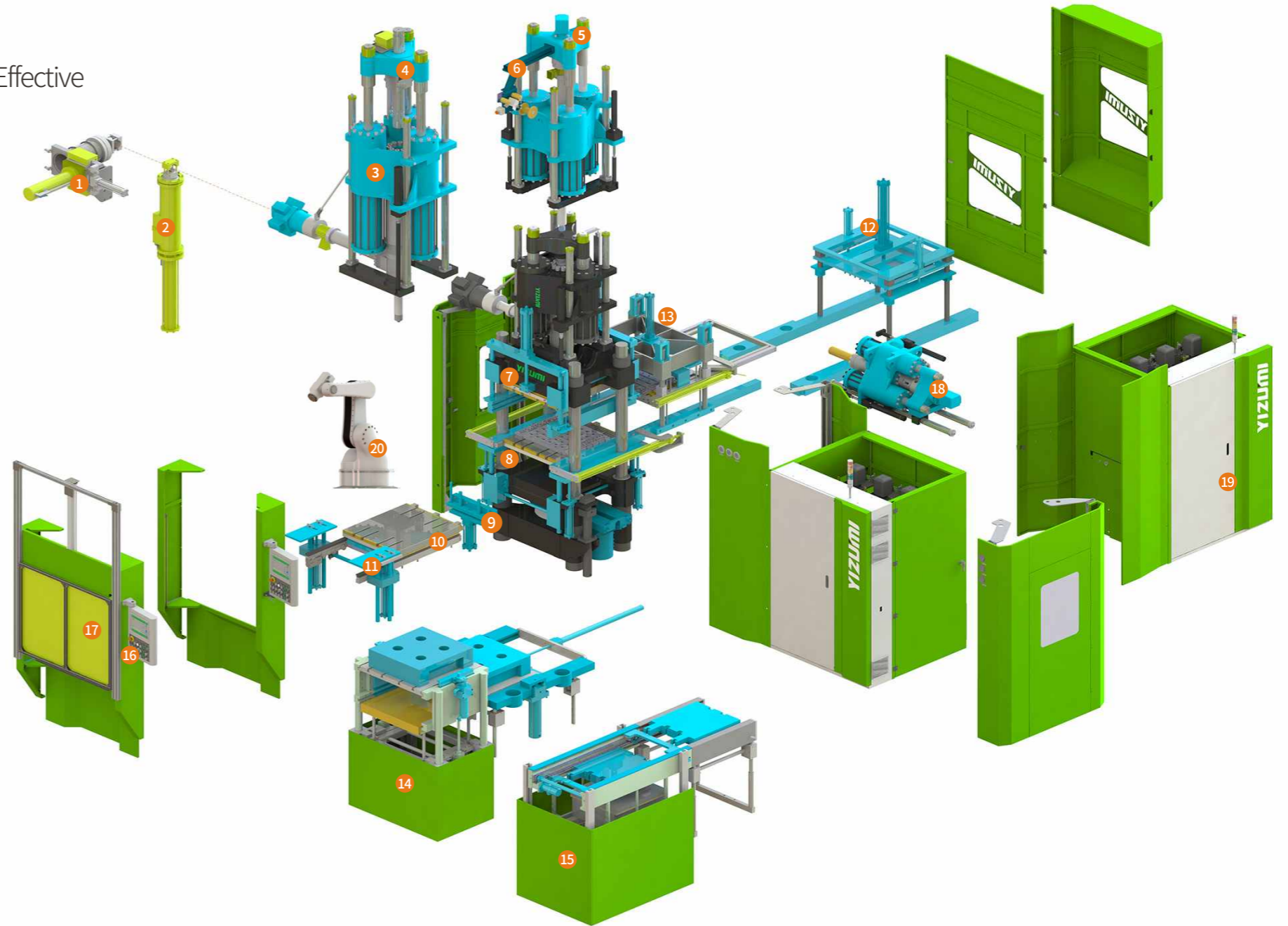


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Simple Choice, High Adaptability

Meeting the mainstream European mold installation and demolding requirements. Dozens of precise modules, flexible combination. One set of advanced software, simple editing. All these quickly meet diverse needs.



Main Option Devices

- ① Open gate silicone stuffer
- ② Side open silicone stuffer
- ③ Injection piston damper device
- ④ L3R Injection unit (non-standard injection volume)
- ⑤ F3R injection unit
- ⑥ Strip compound feeding device
- ⑦ Top hydraulic mold separator
- ⑧ Bottom hydraulic mold separator
- ⑨ Center Ejector
- ⑩ Lower mold sliding device
- ⑪ 2RT
- ⑫ Rear side downward ejecting device
- ⑬ Auto ejecting device for bushing
- ⑭ Double lower or middle mold non-synchronous exchange (suitable for thick mold)
- ⑮ Double lower or middle mold synchronic exchange
- ⑯ B & R control system with 10" touch screen or siemens control system with 9" HD screen
- ⑰ Pneumatic door
- ⑱ F3R 2nd injection unit (two compounds)
- ⑲ Oil tank at rear side(not for 100T and 280T)
- ⑳ Robotic system
- ㉑ Manual double middle mold exchange device
- ㉒ Regular motor + variable displacement pump



③ Injection piston damper device

Piston can be fully pulled out for quick cleaning without removing bolts.



⑬ Auto ejecting device for bushing

Downward automatic ejector, suitable for bushings or similar products, products can be transported to the front of machine through conveyor belt, convenient for product checking.



⑮ Double lower or middle mold synchronic exchange device

Synchronic mold exchange, outer mold has dedicated heating plate, suitable for thin mold which needs long demolding time.

