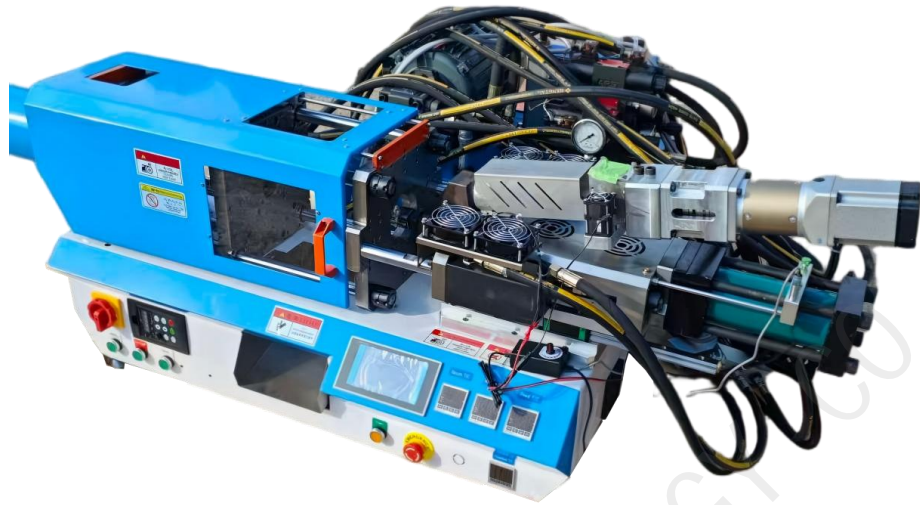


Desktop Injection Molding Machine - Max 2 Plus Intro



\$6199 [50g Machine with HPHU & ABS/PC Auto-Retract Unit]

1. Overview

Max2 Plus is specially equipped with an automatic retraction system for ABS and PC materials, effectively preventing gate blockage and improving continuous production reliability. Designed for makers, education, and small-batch manufacturing, this high-performance desktop injection molding machine features a high-pressure hydraulic drive with injection pressure up to 180 MPa. It is equipped with 16-ton hydraulic clamping force, 400°C high-temperature molding capability, four-zone heating control, and an active ejector system, making it ideal for complex molds and engineering plastic processing.

2. Feature

- 2.1. **Specially designed for ABS/PC.** The automatic nozzle retraction device solves gate clogging caused by material overflow from the nozzle under high temperature.
- 2.2. **Reliable clamping force.** Hydraulic system delivers up to 25 tons of clamping, ensuring stable molding without flash.
- 2.3. **Greater mold compatibility.** 150mm mold opening stroke and up to 300mm thickness support diverse applications.
- 2.4. **High-temperature molding capability.** Four-stage heating up to 400°C enables processing of engineering plastics.
- 2.5. **Intuitive intelligent operation.** Color touchscreen with multi-language UI makes learning and operation effortless.
- 2.6. **Efficient active ejection.** Products are automatically ejected after molding, reducing cycle time and boosting output.
- 2.7. **Compact industrial design.** Small footprint fits on any desktop, ideal for labs, education, and small-scale production.

3. Specs

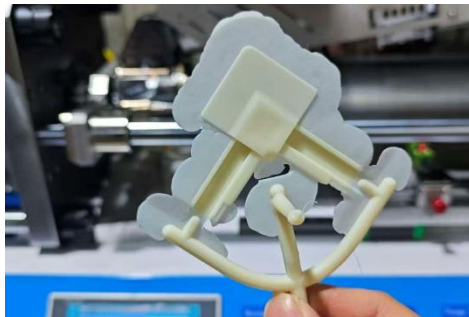
Equip Dimensions	L188×W42×H76 cm	Total Power	5.5 kW
N.W	340 kg	G.W	420 kg
Packing Size	L203×W114×H93cm	Clamping Force	16 Tons
HPSU	4 kW,14 MPa	Power Supply	220 V
Plunger Diameter	Φ25 mm	Max. Shot Weight(PS)	50 g (PS)
Max. Mold Size	L184×W260 mm	Max. Mold Thickness	Default 266 mm,Optional 300 mm
Clamping Method	Hydraulic	Molding Method	Hydraulic Plunger Injection
Max. Injection Pressure	150 Mpa	Max. Shot Speed	150 mm ² /s
Mold Opening Stroke	Default 100mm Optional 150 mm	Max. Heat Temp	Default 350±1 °C Optional 400±1 °C
Ejector Stroke	60 mm	Heating Stage	4
Lead time	Equip/Mold 25 days	Materials	ABS PC PA POM PLA PP PE TPE etc

4. Optional

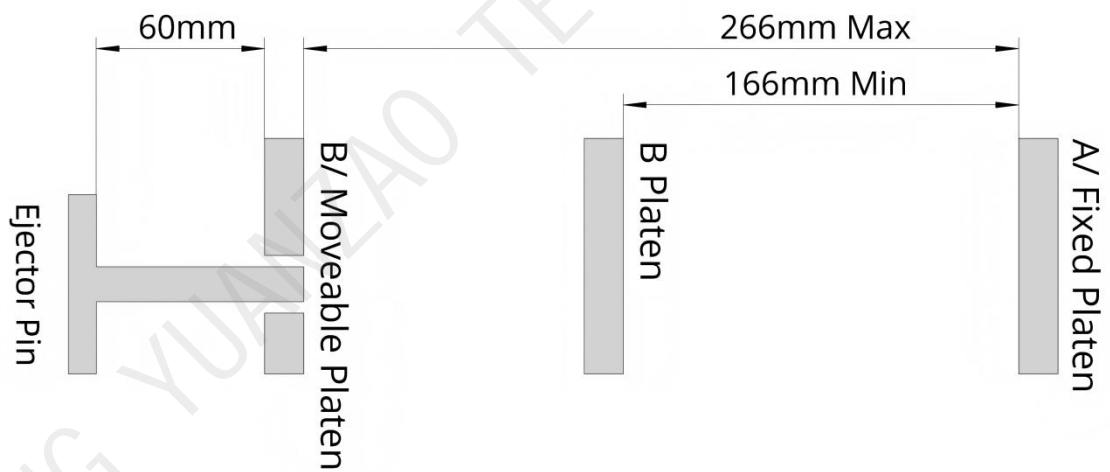
No.	Name	Description	Price
1	12kW 110V to 220V Transformer	AC 110 V to 220 V	\$299
2	150 mm Mold Opening Stroke	Customized 150 mm stroke hydraulic cylinder	\$29
3	300 mm Mold thickness	Customized 300 mm Mold thickness	\$29
4	Insulation Cotton	Temperature can reach 400 °C	\$29
5	2 kg Dryer	Capacity 2 kg, N.W: 15 kg	\$699
6	50 kg Loader	Conveying capacity: 50 kg/hr N.W: 3 kg	\$299
7	15 Kg Storage Drum	Capacity 15 kg	\$169
8	3-axis Injection Molding Robotic Arm	Automatic picking and molding assistance	\$1249



5. Case



6. Platen Stroke



7. Warranty

7.1. Warranty is 12 months; within this period, free parts for non-human damage and remote replacement guidance are provided.

7.2. After warranty, parts are offered at cost or purchase channels will be provided.