

Plastic Injection Molding Machine Structure Description



Injection Unit

1. Adopt double-cylinder parallel injection system insures the screw evenly during injecting and injection force more stonger.
2. Adopt symmetrical double-cylinder inject avoids the barrel distortion and leaking due to unbalanced force toward single tube.
3. Multi-stage injection speed and tpessure control are suitable for various comples plastic moulding crafts.
4. Three or four different diameter high quality alloy barrle and screw processed by nitrogen are available for each machine. Meanwhile specials crews are matching for especial Engineering plastics which guacatees the quality of machine.
5. Whole-Joint body injection design unit with compact structure and light weight, god in rigidity and sound in realibility.
6. Differential injection with enhancing pole can reduce the resistance loss on due to excessive returnand drink in oil during in oil during injection and charging period. It improves the injection speed.

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



Lubricating Unit

1. Adopt hirozontal double five-point and elbow type design improves the open stroke parameter and space between tie-bars, avoids the unbalanced force arising from the deadweight toward moulds for its oblique especially for small-size machines.
2. Adopt up and down double oblique five-point structure design for medium-big-size machines.
3. Adopt high-intensity and rigidity whole-joint platens machined by finite analysis the accumulated errors after many times assemble, increasing the precision of clamping.
4. Adopt fixed automatic lubrication system will offer oil timely and exactly with high efficient and energy saving.
5. Low-pressure mold protection can avoid moulds breakage.
6. Clamping structure with mechanical, electrical and hydraulic tri-safety protection device will ensure workers security.
7. By setting parameter makers the clamping adjustment automatically and high precision.
8. High speed clamping system with oil pressure differential loop improves clamping speed, and hortens injection moulding cycle.
9. High rigidity tie-bars by plating chrim with automatic lubrication make moving smooth and prolongs its longevity.
10. Adopt electric control ejector insures to move forward and back more precise.