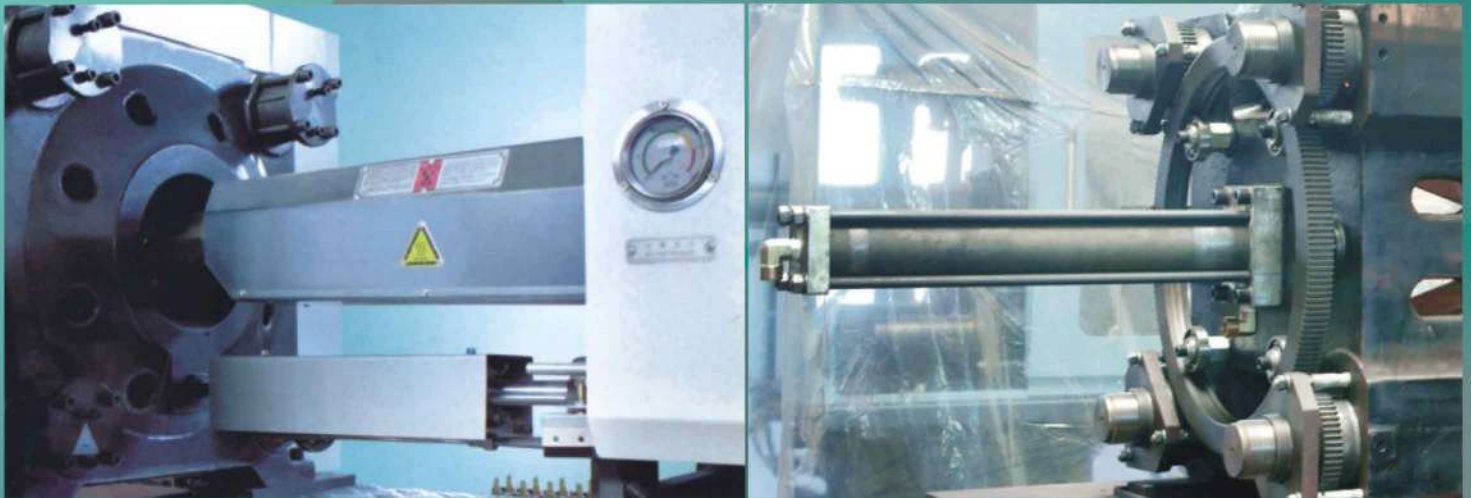




Plastic Injection Molding Machine Structure Description



Note :

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

Injection Unit

1. Adopt double-cylinder parallel injection system insures the screw evenly during injecting and injection force more stronger;
2. Adopt symmetrical double-cylinder inject avoids the barrel distortion and leaking due to unbalance force toward single tube;
3. Multi-stage injection speed and pressure control are suitable for various complex plastic moulding crafts;
4. Three or four different diameter high quality alloy barrel and screw processed by nitrogen are available for each machine, Meanwhile special crews are matching for especial engineering plastics which guarantees the quality of machine;
5. Whole-joint body injection design unit with compact structure and light weight, good in rigidity and sound in reliability;
6. Differential injection with enhancing pole can reduce the resistance loss on due to excessive returned drink in oil during in oil during injection and charging period. It improves the injection speed.

Lubricating Unit

1. Adopt horizontal 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 worker's security;
7. By setting parameter makes the clamping adjustment automatically and high precision;
8. High speed clamping system with oil pressure differential loop improves clamping speed, and shortens injection moulding cycle;
9. High rigidity tie-bars by plating chrome with automatic-lubrication make moving smooth and prolongs its longevity;
10. Adopt electric control ejector insures to move forward and back more precise.