1. More generous space between tie-bars and longer clamping stroke, matched with the mold locking pin facilitate the mold installation.

2. Reinforced plate structure with help of PRO-E computer assistance analysis keeps the deflection rate less than 0.01% over 160mm length.

3. Specially designed unique vertical toggle mechanism features long opening stroke, fast movement and even application of the dynamic force upon the centre of the plate, ensuring the positioning of the valuable dual-colored mold, and meeting the requirement of the versatile products.

4. Unique turntable swivel mechanism keeps turntable away from the moving plate while swiveling, reducing the wear between turntable and plate. In addition, certain specially-designed device keeps the loaded turntable upright and guaranteed the mold fitted without falling.

5. Mechanical, electrical and hydraulic, preventing the operator from injury.

6. Anti-spraying nozzle guard with three-ways door, making operation and maintenance easy.

7. All moving parts are mounted with self-lubricant bushings to reduce wear and maintain high precision.

8. Use of energy-saving, low-noise dual displacement pumps and two separate manifolds enhance the machine’s performance.

9. The Tie bars are made of NH48MV alloy steel imported from Japan. Their stress-eliminating design and machining strengthens the tie bars rigidity without worry about the possibility of breakage after long-time use.

10. Each main components in the electrical cabinet are imported from Japan, Germany, such as TOGAMI’s contactors, OMRON’s relays and timer.

11. The vertical double injection cylinders design keeps the injection pressure up to 2500kg/cm², suitable for uneasy flowing materials. Besides it features a robust structure and stable carriage base, ensuring the fixed nozzle and steady injection.


   - 9.7” Color LCD display screen.
   - Complete and powerful function.
   - Excellent operating performance.
   - With big anti-dust key and clear function icons forming a user-friendly operation environment.
   - High stability and low break-down rate.
   - Built-in memory system can store up to 60 sets of molding data.
   - PID temperature control function.
   - Operating panel box can be swung by 90° according to the operator’s requirement for convenience in operation and maintenance.

13. The square steel pipe is welded to construct the machine bed, reducing the vibration and noise during operation.