

Reliable

Pass Card In-House Hot Runner System

Efficiency

Excellent Cooling Circulation

Consistency

Consistent Output

R&D Quality Control Your Best Support

Research & Development

At Pass Card committing to customer drives us to always improve mold performance. Our highly qualified and dedicated staff has a proven track record of bringing customer concepts into reality. And with advanced Solidwork software, we are equipped better than ever to optimize your product design and accurately control mold quality.

Hot Runner System Pass Card In-House



PC-VG Series Valve Gate Hot Runner System

- Patent pending pre-pressed closing technology prevents leakage of cold start material.
- Manifold employs a fully balanced runner design; precision processing ensures valve and mold plate remain stain free from resins.
- 90% of the hot runner parts can be replaced with mold on machines.
- Facilitate material flow.
- Fully balanced manifold ensures uniformity at all cavities.
- High quality hot runner minimizes sheer stress of plastics.
- Exhibits minimal pressure loss, increased productivity, and improved product quality.

Top-Notch Equipment

■ **DMG Morri**
Lathe made with German-Japanese cooperation technics.

■ **YASDA**
Milling machine made in Japan.

■ **OKUMA**
Milling machine made in Japan.

■ **STUDER**
Round grinding machine made in Switzerland.

■ **MITSUBISHI**
EDM machine made in Japan.

■ **CHARMILLES**
EDM machine made in Switzerland.

■ **ARUBG**
Injection molding machine made in Germany.



Pass Card Co., Ltd.

No.5 , 36th Road, Taichung Industrial Park,Taichung City 40768, Taiwan.

Tel +886-4-23553779 **Fax** +886-4-23551117

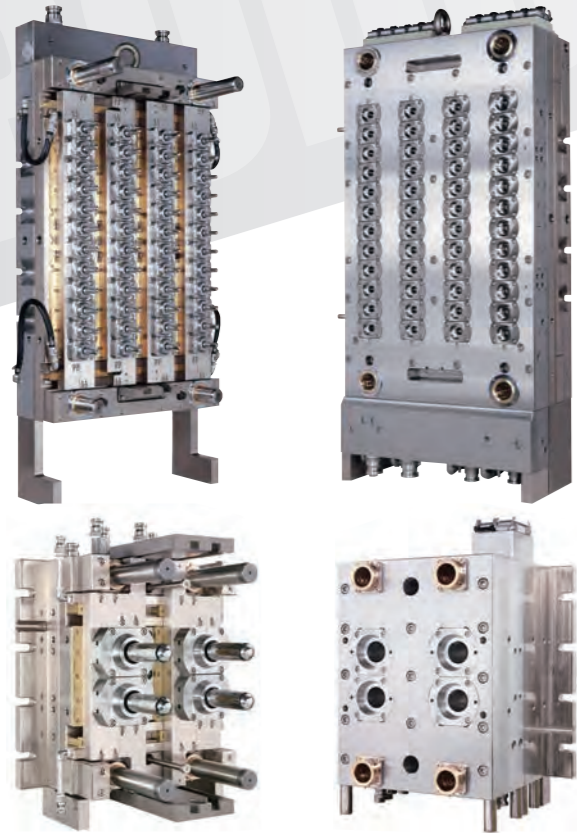
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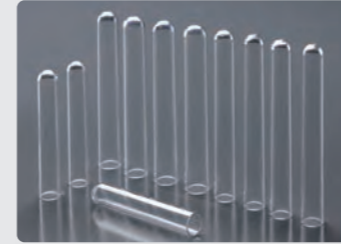
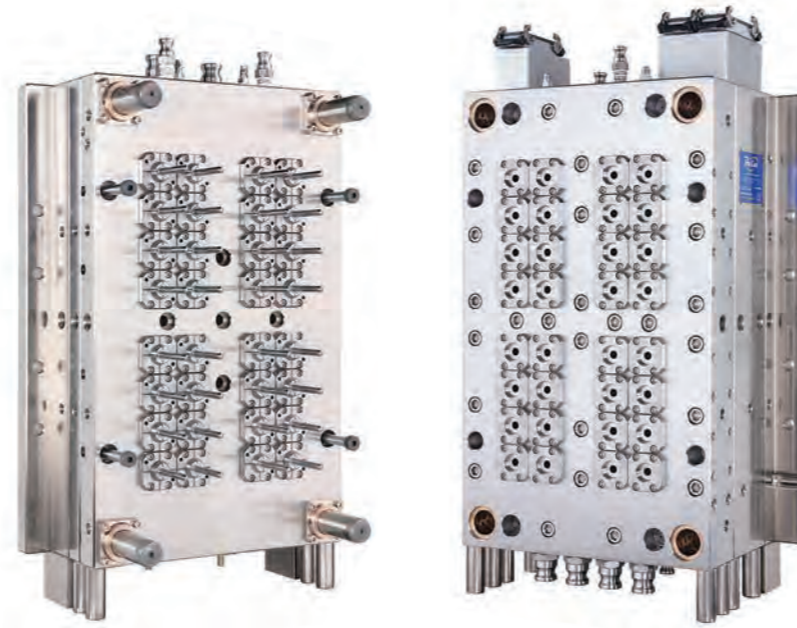
ACCESS YOUR MOLD MAKING EXPERTS

PET Preform Molds



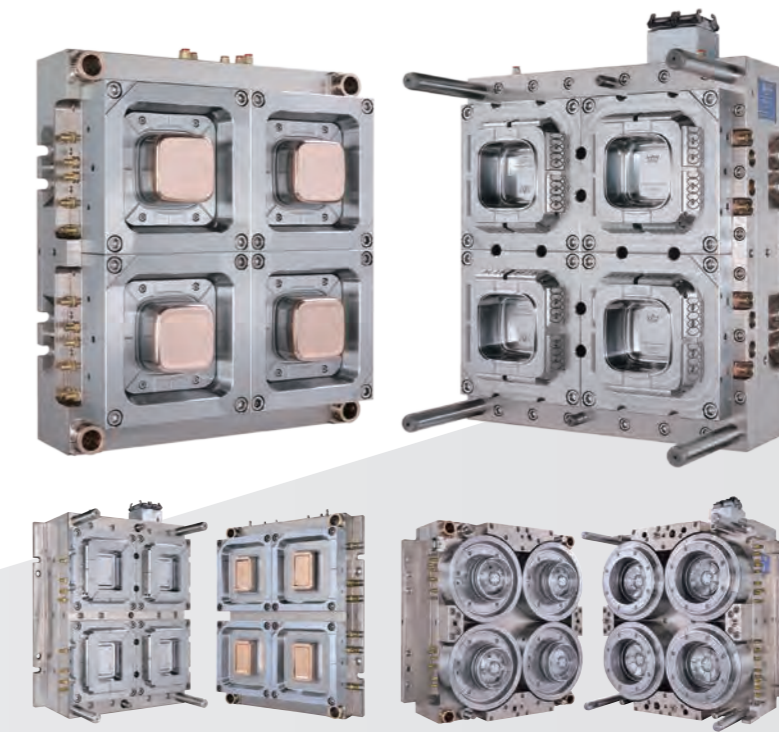
- Guaranteed preform wall thickness concentricity .
- PET preform $\pm 0.075\text{mm}$ (L=100mm).
- 5 gallon preform $\pm 0.10\text{mm}$ (L=100mm).
- Optimized preform design ensures dynamic bottle blowing success.
- Disposable or recycable preform.
- Applications include: aseptic, cold fill, hot fill, CSD, dry food and snacks jars.

Blood Collection Tube Molds



- Pass Card valve gate hot runner system.
- Multi-cavity high output design.
- High speed / high capacity.
- Optimized concentricity / roundness.
- Minimized bend / distortion restriction.

Thin Wall Molds



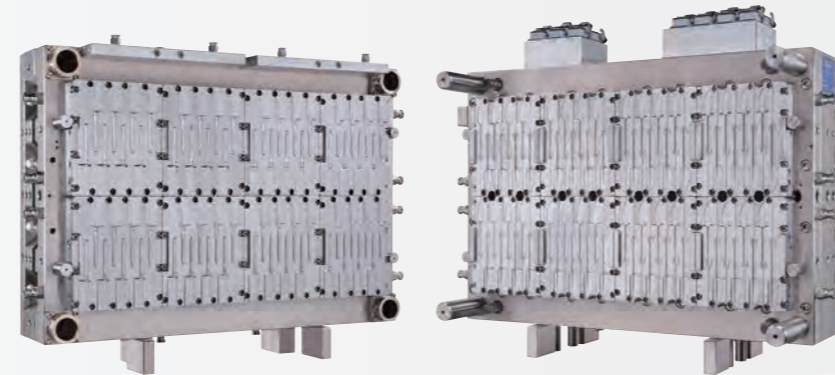
- Light weight solution.
- Wall thickness: 0.3~0.5mm.
- Valve gate hot runner system.
- Interchangeable stack component design.
- Wear plate design.
- Square- centering cavity design.

Cap Molds



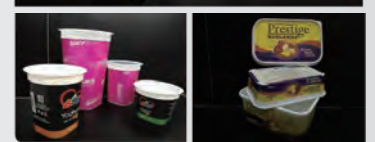
- Multi cavity high output design.
- Interchangeable parts provide easy access for different logo designs on top or inner part of closure.
- 90% of mold parts interchangeable with injection mold machines. Water closures, snap on caps, tamper evident, flip tops, etc..

Cutlery Molds



- Light-weight design.
- Optimized stacking design / minimized stacking space with most quantity.
- Multi-cavity liner design for automatic pick up & packing.
- Interchangeable mold stack design.
- Hot-tip runner system.
- Packing solution.

In-Mold Labeling Molds



- Precise mold making, ensure the stability of labeling.
- Product design solution, achieve optimized IML application.
- Thin-wall techniques, 0.28m/m~0.50m/m.
- Pass Card Valve gate hot runner system.