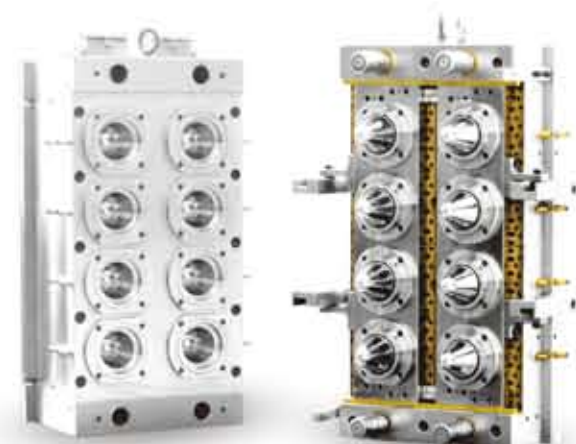


■ Huayan 6cav Valve-gated Hot Runner Preform Mold for 5 gallon PET bottle



■ Huayan Wide-mouth Jar Preform Mold

■ We are able to provide rotary type bottle blowers with cold blowing molds and hot ones.



■ Huayan can offer customers weight reduction design and mold modification for all PET preforms, along with the mold parts needed, such as core, cavity, screw and cavity plate.

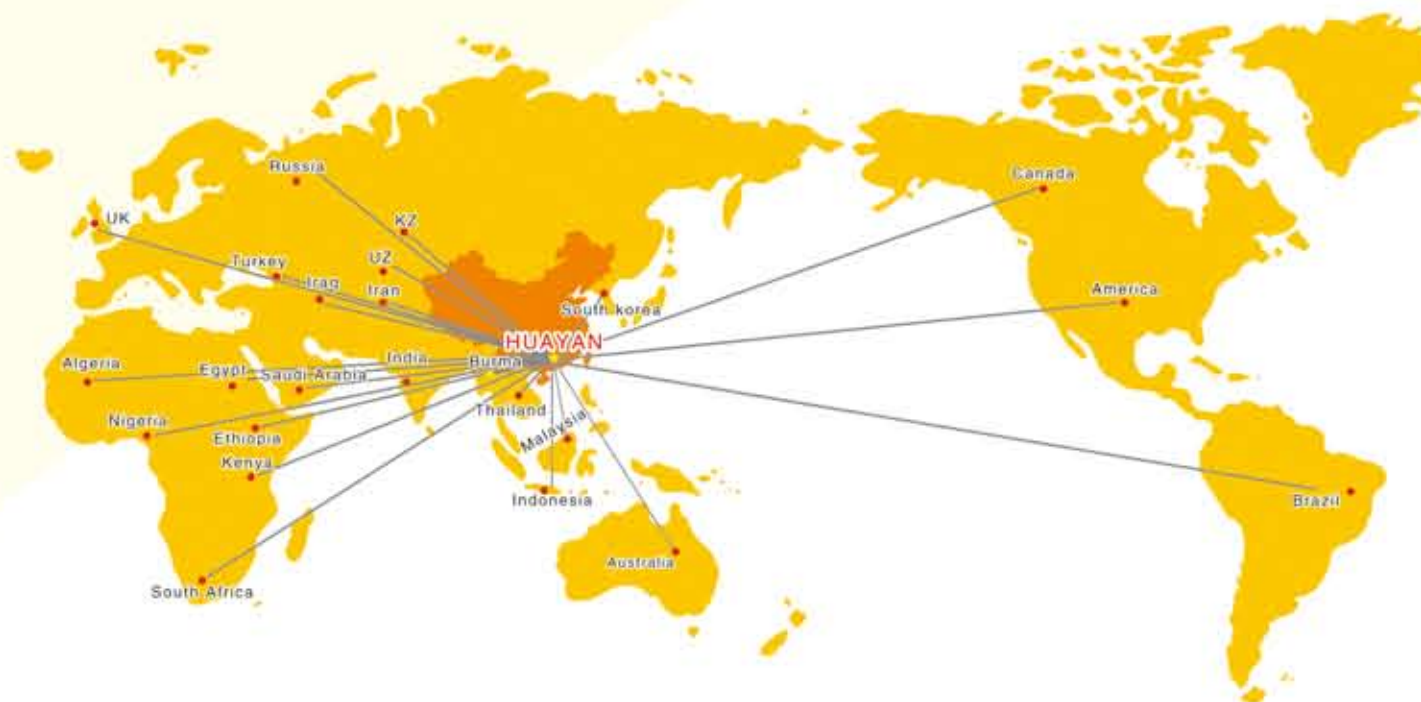
■ Huayan can also provide refurbishing service for molds of other brands, including replacement of worn parts, runner cleaning and mold reworking.



■ Hot Runner Components



■ Mold Stacks



With 13 years of extensive mold manufacturing technology and experience, Huayan is well recognized by customers and industrial peers for high precision, wear resisting and durable mold. Our market share takes top position every year in China and our export exceeds 50% compared to the overall sales.

**Automatic Valve-gated
PET Preform Mold**



Guangzhou Huayan Precision Machinery Co., Ltd
No.6, Chuangli Road, Xintang, Technology and Economy Development Zone, Zengcheng District, Guangzhou-511340,China.
Zip code: 511340
Tel: +86,20,32639288 Ext. 8112
Fax: +86,20,32638565/32638562
Cell phone:+86,138 2970 4952
Email:Kyao@gzhuayan.com



01 Huayan Mold Advantages

Mold

- Mold plates are made from 420 heat treated stainless steel, internal stress of which is eliminated by hardening and tempering; S136 high-intensity anti-corrosive stainless steel with hardness greater than 48HRC is used for mold stacks;
- Compact designed mold with high precision machining ensures the mold free of defects like flash, bubbles, incompatible dimensions etc.; preform wall thickness variation is able to achieve less than 0.12mm;
- Cams and cam followers with bearings made from high-intensity anti-corrosive S136 stainless steel are adopted for preform demoulding. All contacting surfaces are filled in with lubrication copper alloy to reduce wearing;
- Mold structure including mold plates, stacks etc. features easy assembly & dismantle and is compatible with international branded molds;
- Spiral type water circuits leads to fast preform cooling;
- Surface heat treatment is conducted for all contacting surfaces.

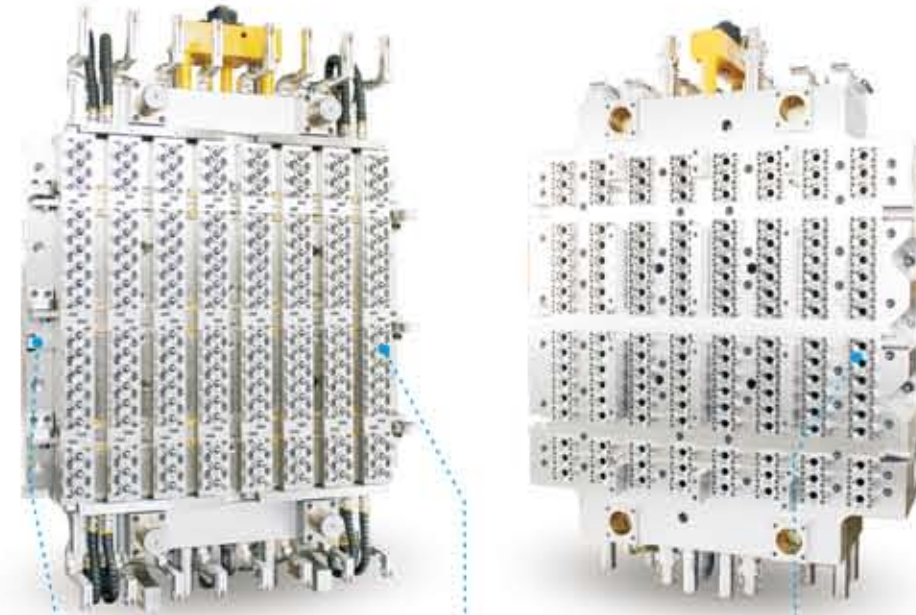
Hot Runner

- Multi-layer hot runner with three point filling structure ensures balanced injection of each cavity;
- Main parts in hot runner such as nozzle tips, insulators, heaters are imported from Europe and USA, which are interchangeable with world branded molds;
- Piston cylinder close fit hot runner design ensure valve stem close and open smoothly, avoid valve stem being blocked due to thermal expansion;
- Square heater pipes are laid around the manifold to deliver heat equally around each injection points;
- Nozzle tip heating is individually controlled by voltage; temperature of each nozzle is adjustable, which minimizes the possibility of AA generation;
- Adopted advanced international hot runner proof-seal design, prevent melting resin leakage in the hot runner;
- Reserved suction mouth in the back plate makes convenient maintenance and easy to clean up the PET powder.



02 Huayan Mold for different volume and purpose

■ 144cav Mold to Put on Third Party Injection Machines



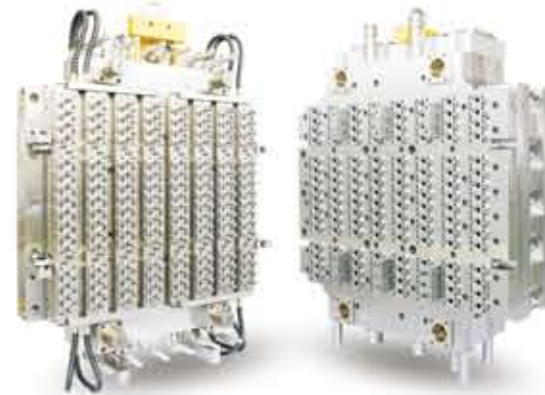
Cam followers with bearings, reduce friction resistance



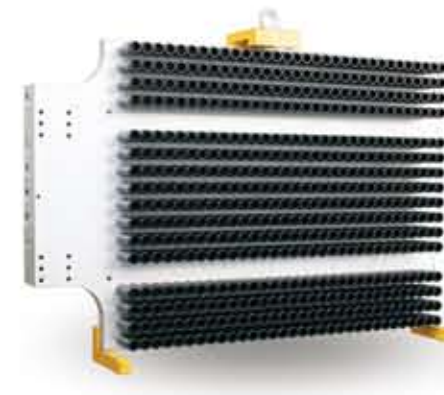
Separated core & locking is beneficial to the venting



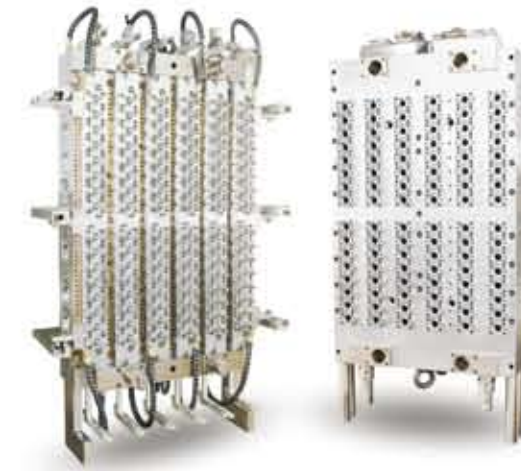
Modular cavity design, both high strength and fast cooling



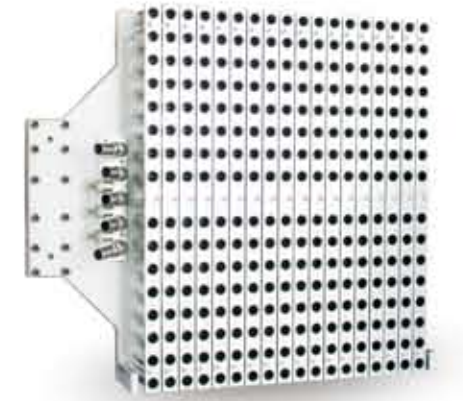
■ Huayan 128cav PET valve-gated hot runner preform mold



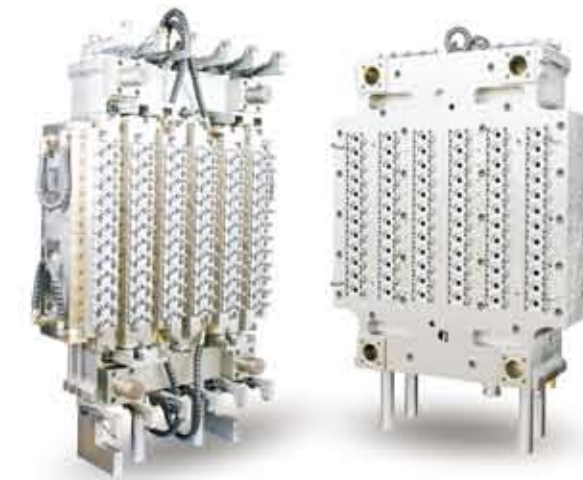
■ Huayan 128cav take-out robot plate



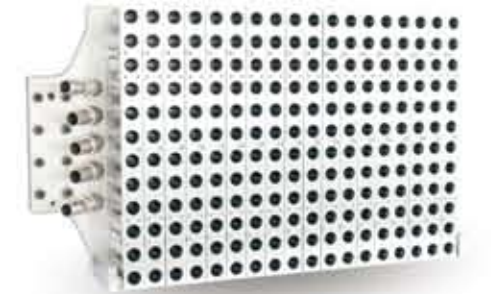
■ Huayan 96cav PET valve-gated hot runner preform mold



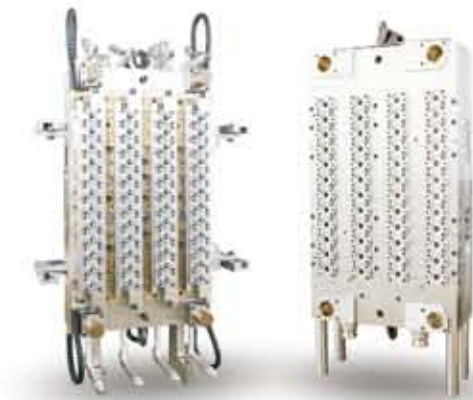
■ Huayan 96cav take-out robot plate



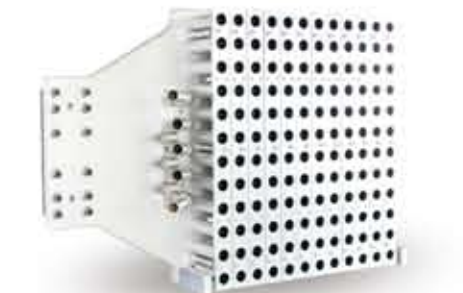
■ Huayan 72cav PET valve-gated hot runner preform mold



■ Huayan 72cav take-out robot plate



■ Huayan 48cav PET valve-gated hot runner preform mold



■ Huayan 48cav take-out robot plate