

The most competitive extrusion tooling manufacturer in the world  
-----TRINITY! (Since 1985)

[www.chinatrinity.com](http://www.chinatrinity.com)

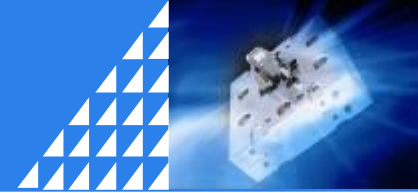


**Annual output: 1000 sets  
of PVC extrusion tooling**



Tongling Zonfa Trinity occupies 140 thousand square meters land and has a staff of 1700 people and total asset of 800 million RMB. A new factory which occupies 700 acres of land (one acres equals with 660 square meters) is under constructing now.

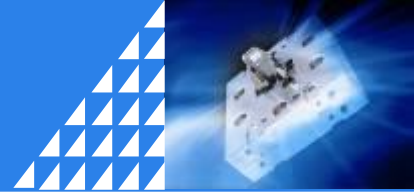




## – Worldwide Top Classic CNC Manufacture Center

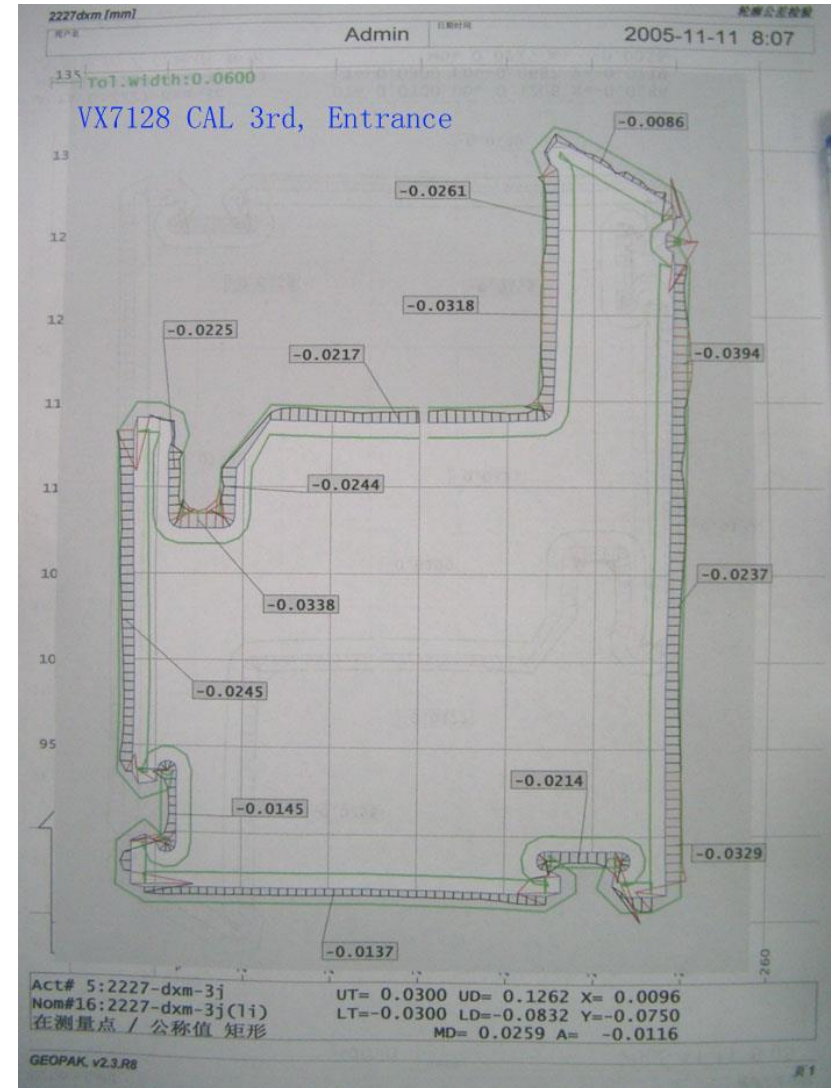


- RODERS high speed milling Machine (Germany)
- CHRMILLES wire cutter (Switzerland)      20
- SODICK wire cutters (Japan)      20
- Other EDM machinery (made in China)      60
- CNC producing machinery (British/TW)      10
- steel hardness treatment equipment      10
- Mitutoyo CMM Machine (Japan)      1
- Extruder Hone (USA)      3
- Extruders for Tuning      11





Mitutoyo (CMM) machine:  
control tooling  
channel dimensions





**Mitutoyo Projector:**  
**Zoom Five times**  
**for measure extrusion profile**



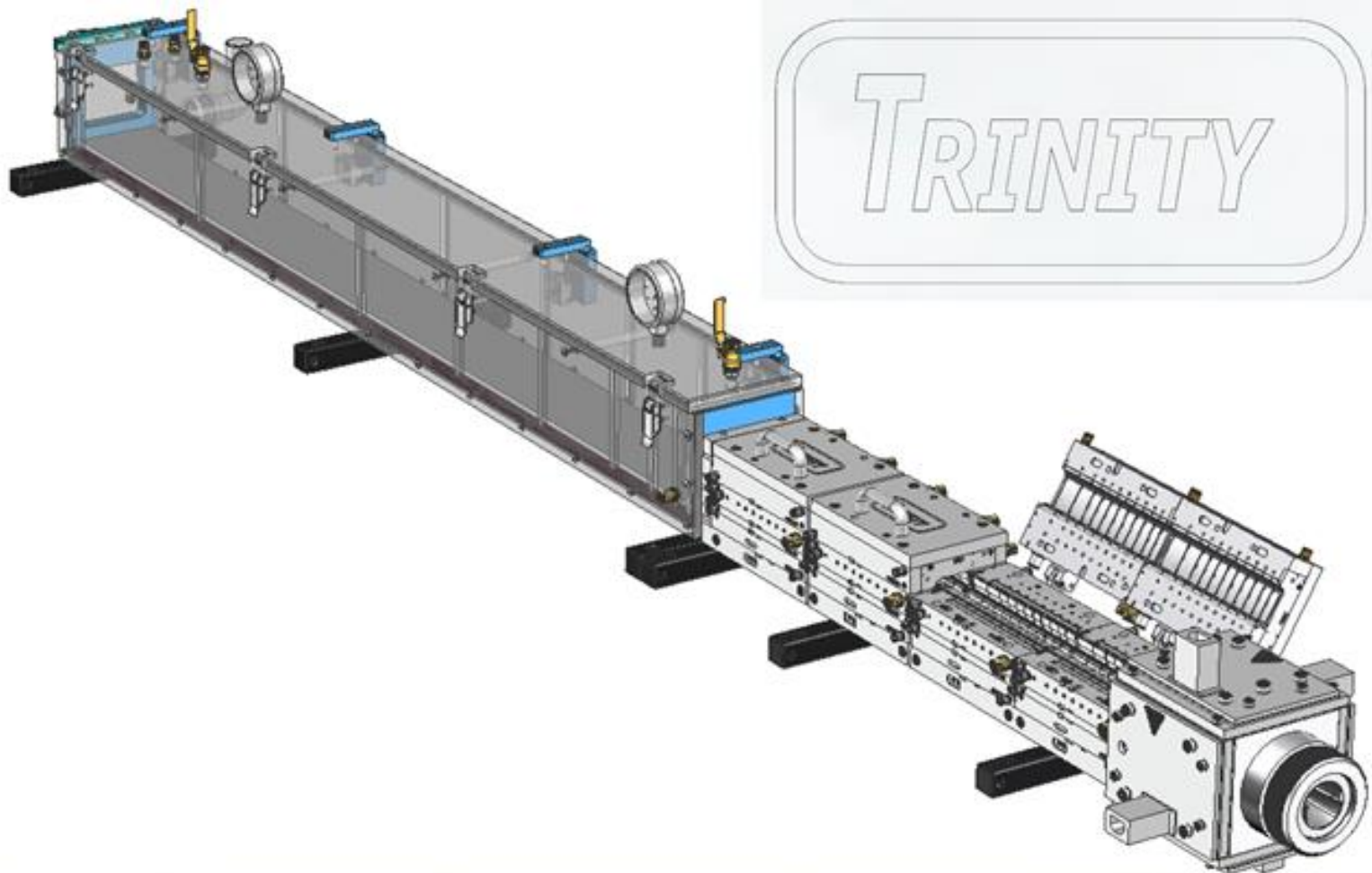
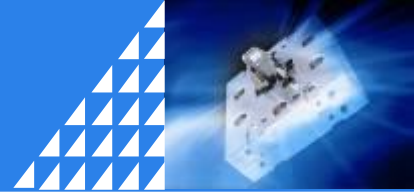


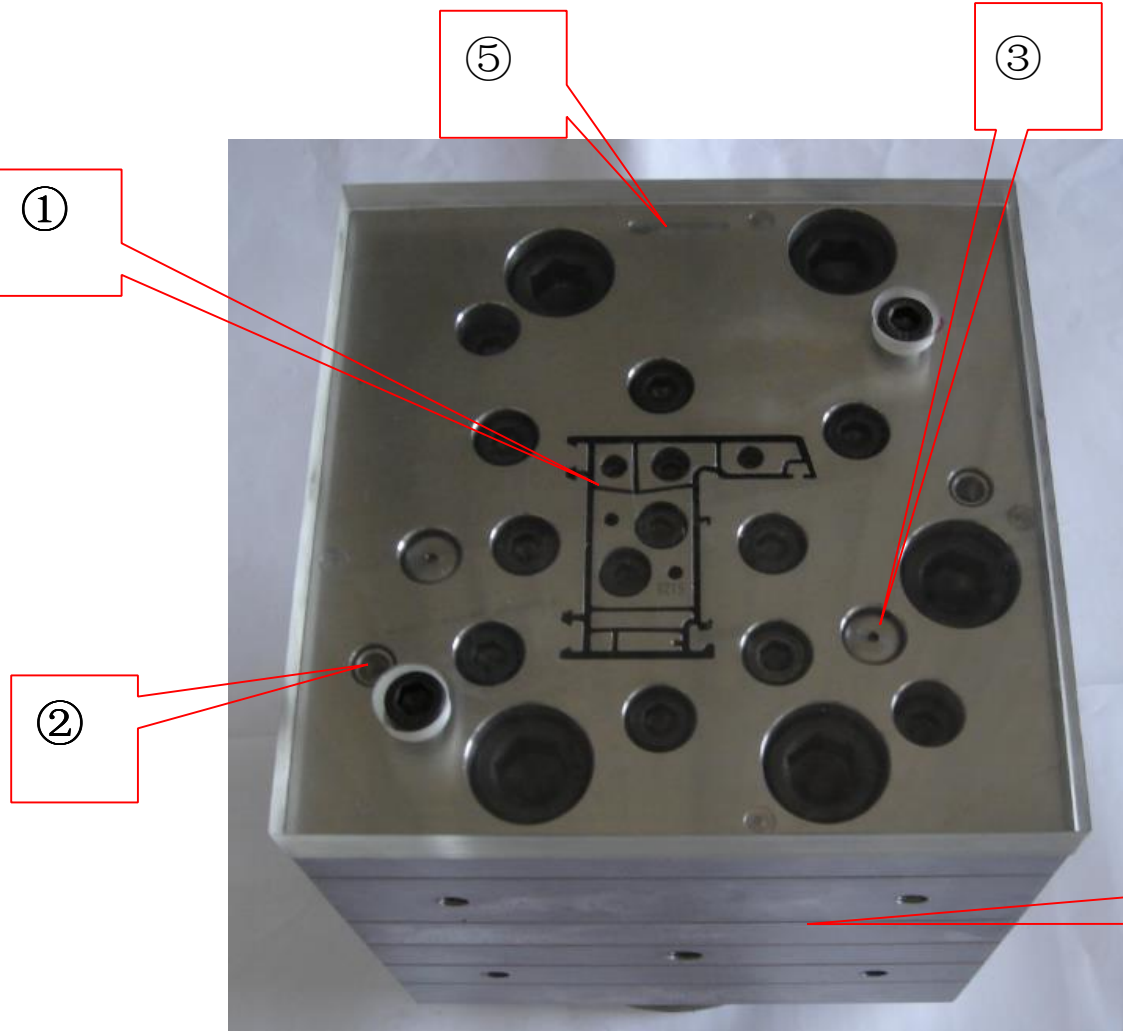


<b>Extruder type</b>	<b>Max output (kg/h)</b>	<b>SCREW TYPE</b>
KMD90-26	480	PARALLER
WEBER DS11	520	PARALLER
CINCINNATI TITAN 58	260	CONICAL
THEYSHON 88	320	PARALLER
CINCINNATI ARGOS 112	500	PARALLER
CINCINNATI ARGOS 93	380	PARALLER
JWELL 65-132	190	CONICAL

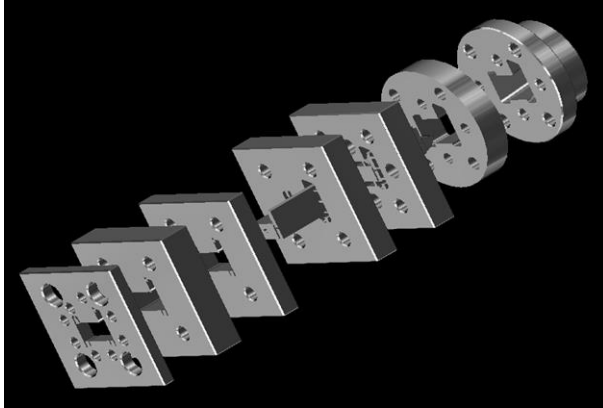
All above extruders are used for tooling testing before delivery.





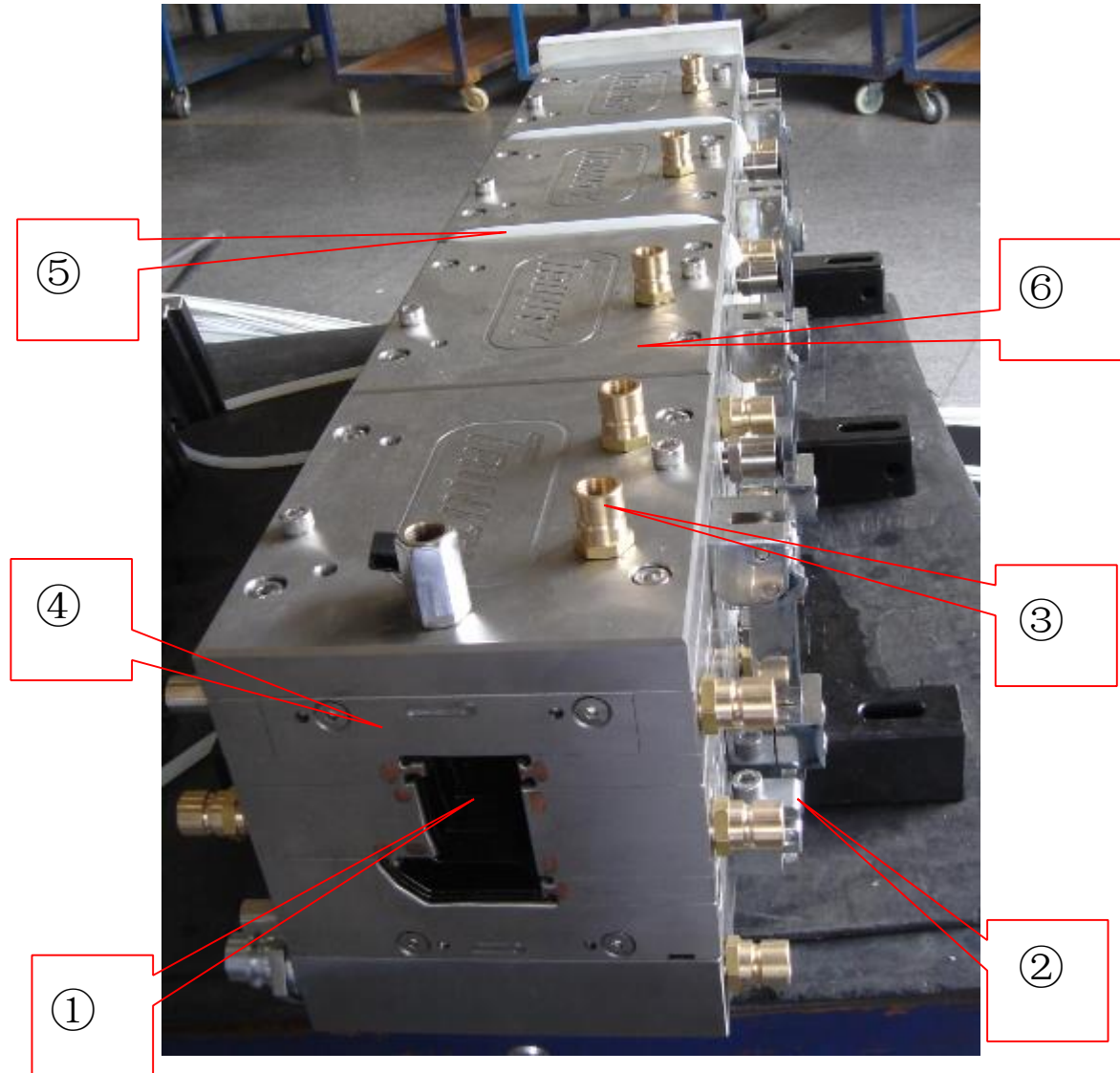


1. Mirror Channel surface for sure extrusion smooth flow.
2. All die plates have pin and bushing design for plate alignment to each other.
3. All die plates have straight pin for quick assembling.
4. Six sides benchmark easy for repair works.
5. Marked tooling ID and plate number.





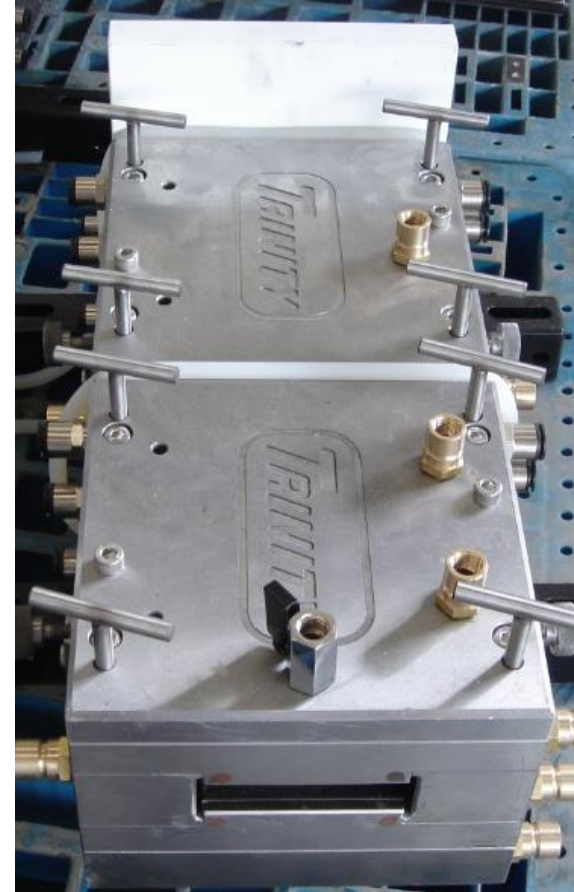
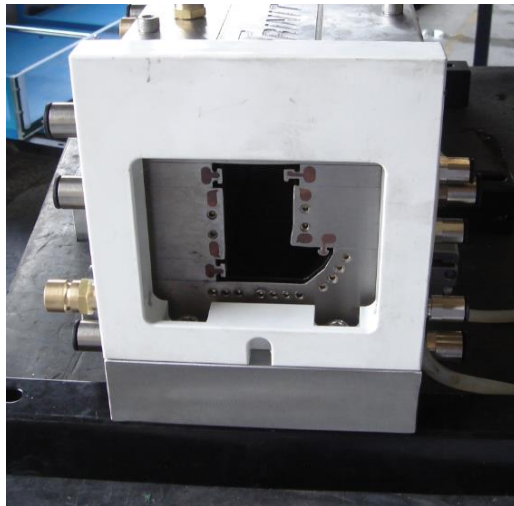
1. Channel inside size designed according to PVC shrinkage rule.
2. Patent structure for easy disassembling.
3. Individually Vacuum for every section of calibrator; for sure profile tough cal channel tightly.
4. Front side plate absorb wax in producing for prolong tooling using time.
5. Fine seal for sure enough vacuum and extrusion shape stable.
6. Steel base and cover for sure long-life in using.
7. Key and pocket for sure plates fit each other well.



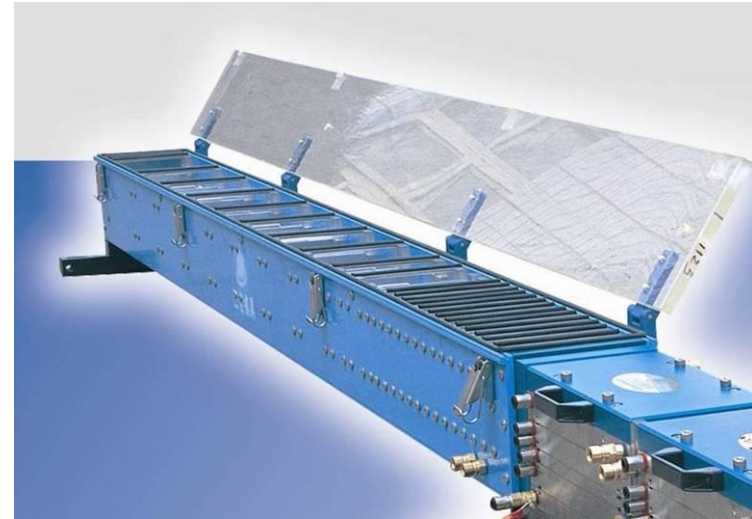
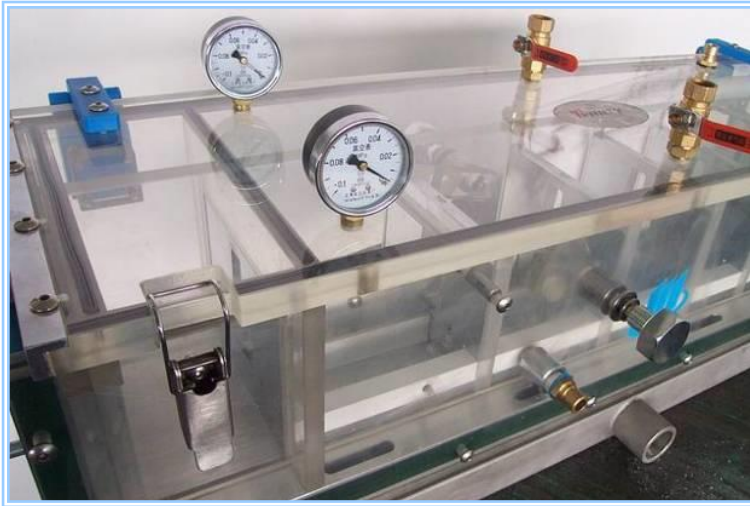


Every section length:  
200mm;250mm;300mm

Cal Exit

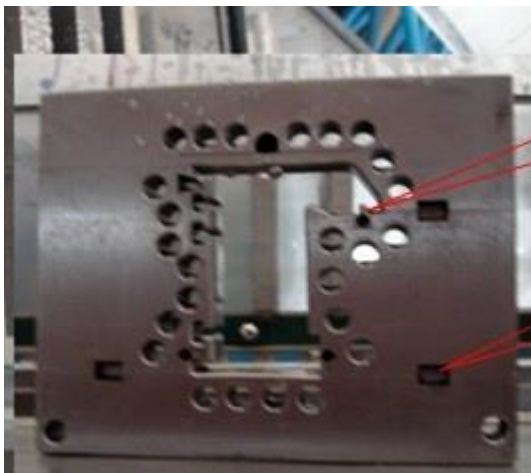
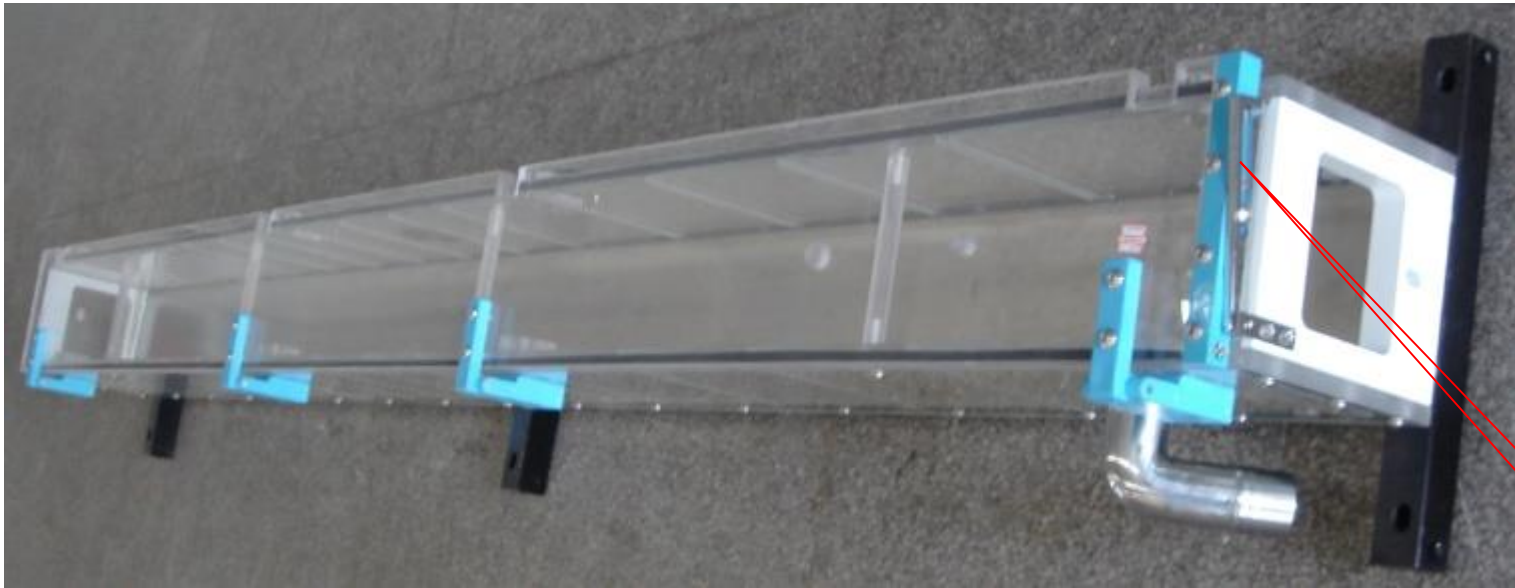


Special requests  
according to customer.



### Vacuum water tank

- Material: PMMA & fiber glass;

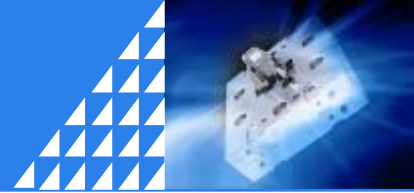


(5)

(4)

1. Fast cooling down in swirl method.
2. High Vacuum -0.02
3. Lock automatic
4. Square key fix the tank plate position
5. Solid carbon steel insert changeable.  
(according to customer's requests.)

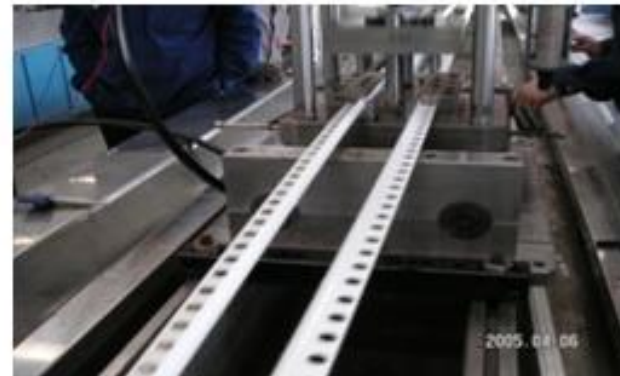
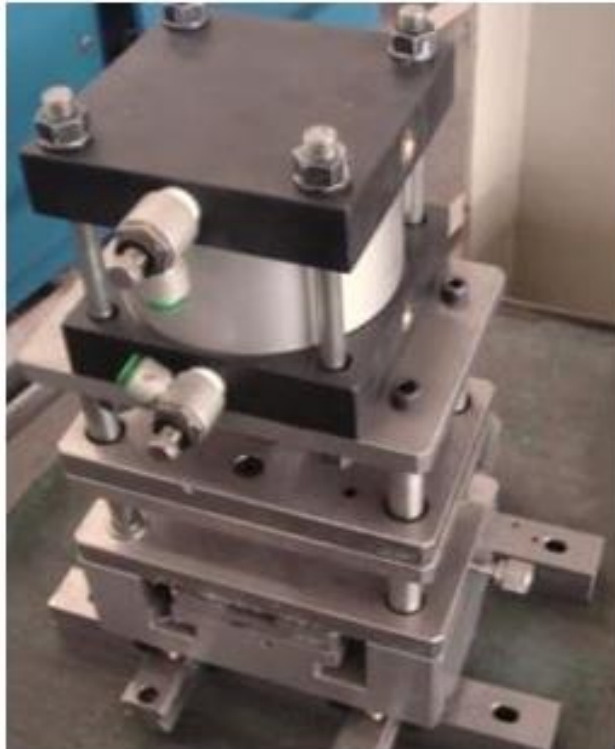
(3)



Online punching hole machine



Hold distance can be modified







Double strand tooling



Movable post co-extrusion

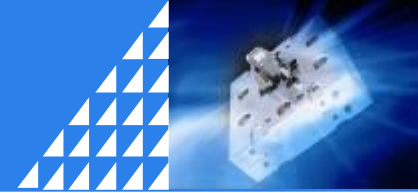


Bee comb inside  
Surface embossment co-ex

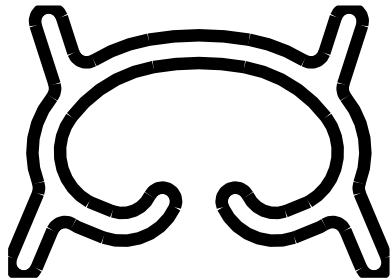


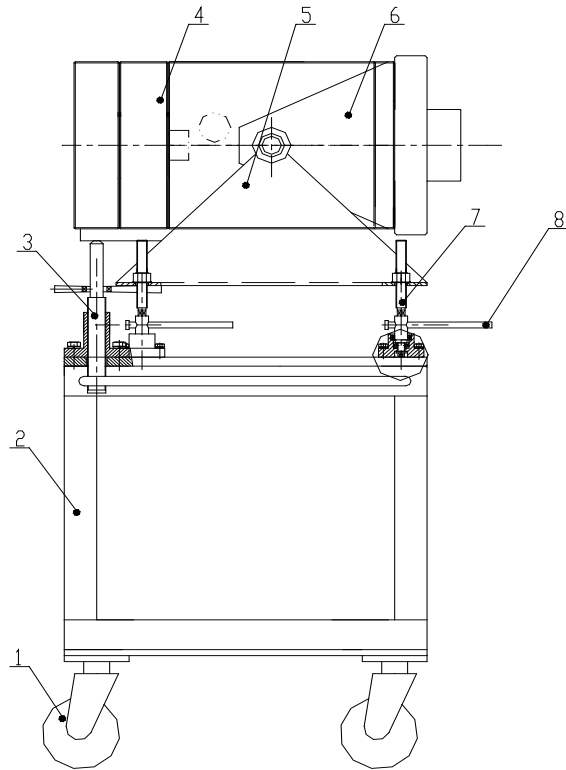
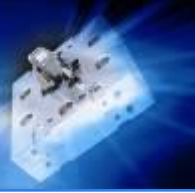
WPC—PVC full capstock



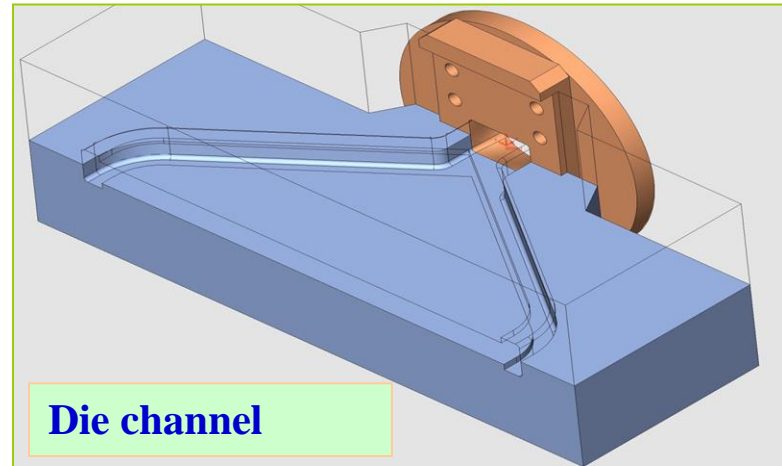
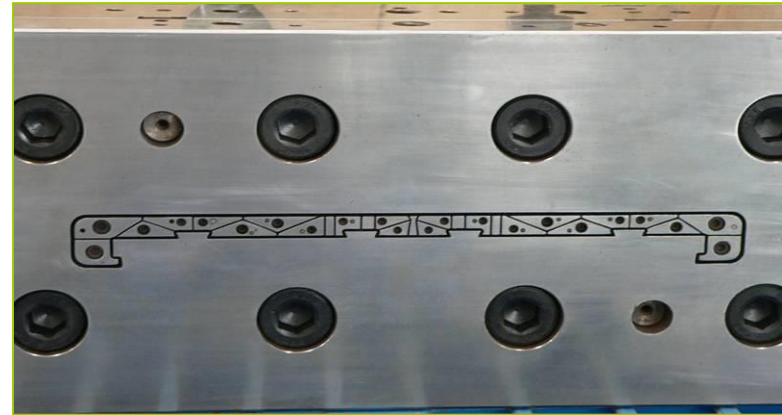


Profile wall thickness  
0.4~0.6mm;

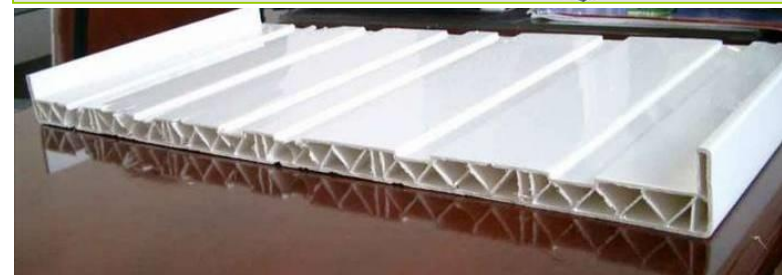


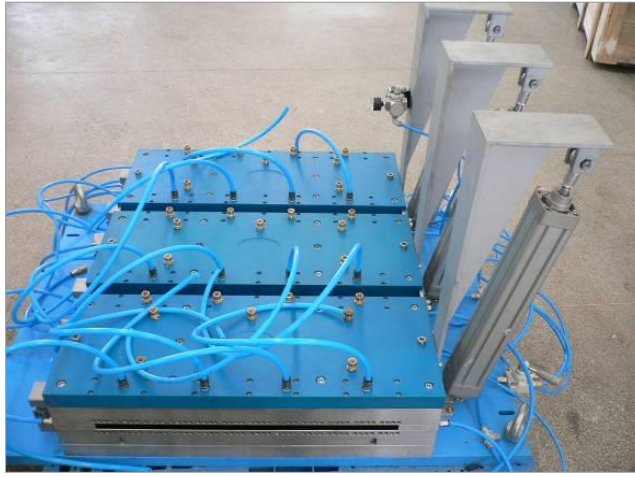


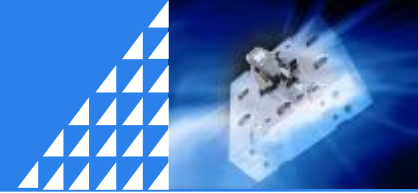
Die support cart



Die channel







Trinity downstream equipment  
export to Germany, Turkey,  
Ukraine, Russia, Poland, USA, etc.







## Austria expert suggestion for Trinity downstream equipment



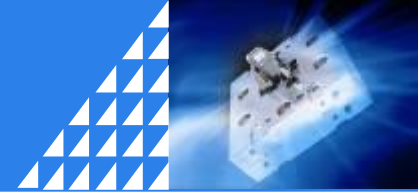
Austria expert was guiding for Extrusion tooling designing and tuning







- Qualified designers 44
- Sales 20
- Tuner and engineer 50
- Total Tooling part Employee 486



ERP Information Management System

National CAD Application Model Enterprise

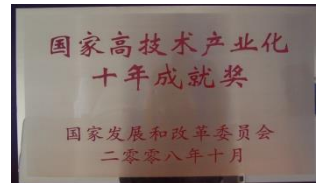
Key Industrial Enterprise in Anhui Province

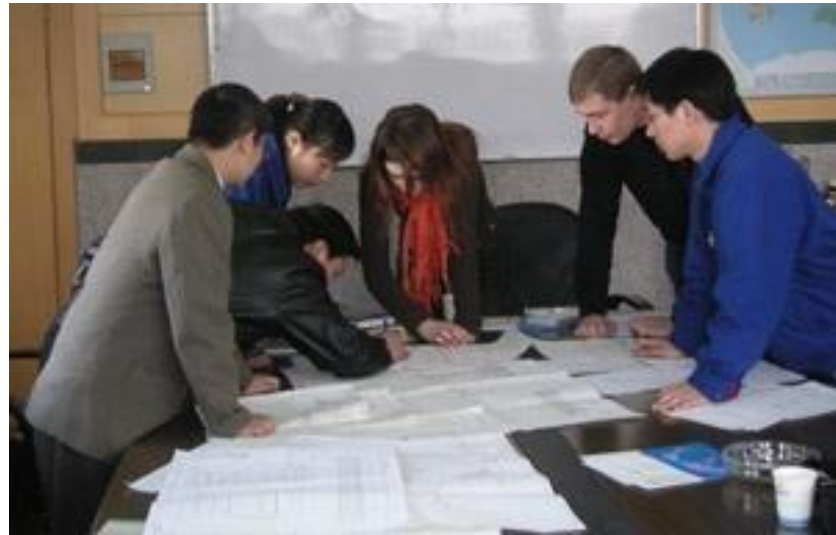
Chinese Youth Technology Creation Demonstration

Electronic Material Industry Base Key Industrial Enterprise

ISO9001:2000 Quality Control System

National Torch Plan Key high-tech enterprises





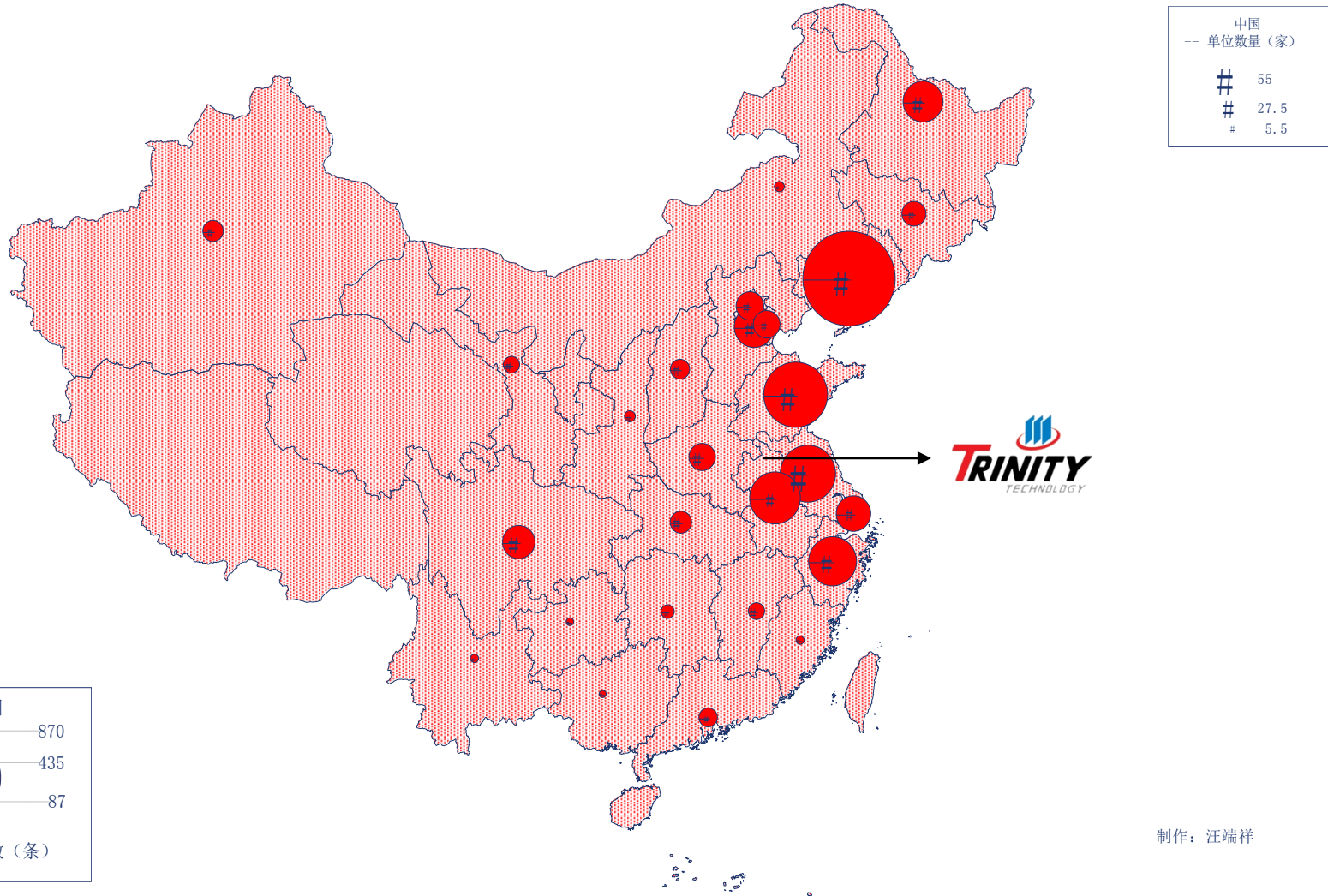




Funke From Germany



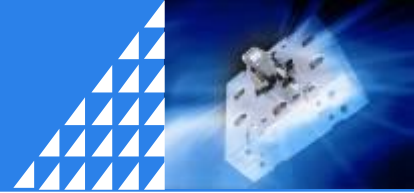






- |            |                                                                                     |            |                                                                                             |              |                                                                                       |
|------------|-------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|
| ➤ China    |    | ➤ Turkey   |           | ➤ Vietnam    |    |
| ➤ Germany  |    | ➤ Russia   |           | ➤ Belgium    |    |
| ➤ Austria  |    | ➤ Ukraine  |           | ➤ Canada     |    |
| ➤ France   |    | ➤ Thailand |           | ➤ USA        |    |
| ➤ Poland   |    | ➤ Chile    | <br>Chile | ➤ S. Africa  |    |
| ➤ Denmark  |    | ➤ Japan    |           | ➤ Egypt      |    |
| ➤ U.K.     |    | ➤ Ecuador  |           | ➤ Kazakstan  |    |
| ➤ Italy    |   | ➤ S. Korea |          | ➤ Tajikstan  |   |
| ➤ Hungary  |  | ➤ Greece   |         | ➤ Azerbaijan |  |
| ➤ Iran     |  | ➤ Brasil   |         | ➤ U.A.E      |  |
| ➤ Bulgaria |  | ➤ Romania  |         | ➤ India      |  |





Thank you!

2015

