

# TINCOO MACHINERY

Specializing In Blow Molding Machine

中空吹塑机制造专家



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ISO9001 & CE

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◇由于印刷的关系, 故正式机器的颜色与所示的图片有部分差异, 一切以机器实样为准。



TINCOO (CHANGXING) PACKAGING TECHNOLOGY CO., LTD.

# 鼎浩--中空吹塑机制造专家

## Specializing In Blow Molding Machine



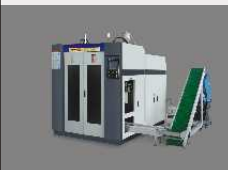
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Mould、Samples&Auxiliary

## INTRODUCTION OF COMPANY /// 公司简介

- > TINCOO MACHINERY was set up by three contributive shareholders in 1989. With the area of 58000m<sup>2</sup>.
- > Up to 2018 TINCOO MACHINERY has more than 400 employees.
- > Our employees have 20 years experiences in the field of blow moulding machine.
- > The main line of TINCOO MACHINERY are various kinds of blow moulding machines.
- > During the past five years, TINCOO MACHINERY annual increase rate is more than 50%.
- > The key reason why we gained the achievement is our experience, the quality of the products and our perfect service.
- > TINCOO MACHINERY has successfully supplied machine for more than eighty countries till now.
- > TINCOO MACHINERY Company goal--To become the best blow moulding machine manufacturer in the world.
- > Goal: Survival through quality, development through reputation.
- > [鼎浩机械]创建于1989年，厂房占面积58000m<sup>2</sup>.
- > 截止2018年[鼎浩机械]拥有员工超过400多名.
- > [鼎浩机械]大部分员工已经有超过20年的机械制造经验.
- > [鼎浩机械]的主营业是提供成套吹塑生产线.
- > 在最近的5年里，[鼎浩机械]始终保持50%的年增长率.
- > [鼎浩机械]已经成功的为世界上超过80多个国家提供设备.
- > [鼎浩机械]的目标--成为全球最优秀的吹塑机械制造商.
- > 我们的宗旨：以质量求重于生存，以信誉求发展.



It added eco series to **TINCOO MACHINERY** machine production that follows the constant evolving technology in its production. This becomes prominent with energy saving and environmental protection by providing a variety of both servo and inverter.

随着不断的技术升级，鼎浩机器生产过程中加入了节能技术。通过配套各种伺服系统和变频器，使鼎浩机械在节能环保方面表现杰出。



### Promptly Meeting Customer's Requirement

- > Articles with capacities from 0.5ml to 1000 liters.
- > High performance screw with an excellent resin kneading function.
- > Ability to transform various plastic materials and elastomers (PE, PVC, PP, PS, PETG, PA, PC, EVA, K-RESIN ect).
- > A special extruder screw L/D brings a better output for PP, PETG, PA, PLC, PC, ect.
- > Fast moulds/resins/colours changing offer you a "just in time" production.
- > Smooth movement of mould platens without shocks or vibrations.
- > Advanced manufacturing processes are used for the best hydraulic, pneumatic and electronic components.
- > Frame and clamp unit with large dimensions for greater strength.
- > Powerful hydraulic clamping system.
- > Complete finishing of items (free of flashes) in the machine thus avoiding any reworking using other additional external tooling.
- > Die-head could be adjusted up and down to make the mould changing more easily.
- > 4 parisons horizontal -outing.
- > Rustless PVC die-head, mono-block cast bend, and special barrel vents keep the PVC material from burning.
- > Any series can be redesigned to order to meet to your requirements, your design.
- > Adopt HMI system for easy operation.
- > With fault alarm function, to be accurate, safe and reliable

### 高速度 高科技 满足客户需求

- > 产品容量自0.5毫升至1000公升.
- > 高效率螺杆使塑料完全溶合.
- > 适合多种塑料的吹制成型 (如PE、PU、PVC PP PS PETG PLC PA PC EVA K胶等).
- > 特殊之螺杆比, 使PP、PETG、尼龙、PC料达到最有效的生产.
- > 快速换模/换聊/换色, 提供给您“准时交货”的生产保证
- > 移模稳定、绝不震动.
- > 使用先进的技术加工及进口油压、风压及电气零件.
- > 机器支架夹模架坚固制造, 可支撑强大压力.
- > 强力之油压开闭模系统.
- > 全无溢料设计, 免除成品二次加工.
- > 模头可上下调整至水平, 方便模具的装卸.
- > 四模头出料可调整水平.
- > 不生锈的PVC模头, 一体成型的弯头, 及特殊料管抽风设计, 使得PVC料不易烧焦.
- > 任何机型可依订单要求特殊设计以达客户的生产需求.
- > 采用智能人机界面, 操作简洁.
- > 采用故障报警功能, 准确无误, 安全可靠.





| SPECIFICATIONS/// 基本规格         |         | UNIT | DHD 30L II  | DHD-30L MIII/IV/V    |
|--------------------------------|---------|------|-------------|----------------------|
| Material                       | 适用原料    | -    | PE、PP...    | PE、PP、EVOH、PA、EVA... |
| Max container capacity         | 最大制品容积  | L    | 30          | 30                   |
| Number of die                  | 模头数     | set  | 1           | 1                    |
| Total weight                   | 机器重量    | ton  | 19          | 22                   |
| Machine dimension(LxWxH)       | 机器外形尺寸  | m    | 5.2X3.9X4.2 | 5.8X3.9X4.2          |
| <b>ACCUMULATOR HEAD /// 模头</b> |         |      |             |                      |
| Number of die heating          | 模头加热段数  | zone | 5-8         | 8-12                 |
| Power of die heating           | 模头加热功率  | KW   | 18          | 22                   |
| Max die-pin diameter           | 挤出口最大直径 | mm   | 300         | 300                  |
| Center distance of twin-die    | 双模头中心距  | mm   | 300         | 300                  |
| Center distance of tri-die     | 三模头中心距  | mm   | -           | -                    |
| Center distance of four-die    | 四模头中心距  | mm   | -           | -                    |
| Center distance of five -die   | 五模头中心距  | mm   | -           | -                    |
| Center distance of six-die     | 六模头中心距  | mm   | -           | -                    |
| <b>CLAMPING UNIT/// 开合模系统</b>  |         |      |             |                      |
| Clamping force                 | 锁模力     | KN   | 170         | 170                  |
| Platen opening stroke          | 模板间距    | mm   | 450-900     | 450-900              |
| Platen size                    | 模板尺寸    | mm   | 680X750     | 680X750              |

|                              |        |                     |         |                   |
|------------------------------|--------|---------------------|---------|-------------------|
| Max mould size(WxH)          | 最大模具尺寸 | mm                  | 560X650 | 560X650           |
| Mould thickness              | 模具厚度   | mm                  | 460-500 | 460-500           |
| <b>EXTRUDER UNIT/// 挤出系统</b> |        |                     |         |                   |
| Screw diameter               | 螺杆直径   | mm                  | 100     | 100+70+50+30×2    |
| ScrewL/D                     | 螺杆长径比  | L/D                 | 25:1    | 30:1/25:1         |
| Extruding volume             | 挤出量    | Kg/hr               | 180-220 | 130-240           |
| Number of heating zone       | 螺杆加热段数 | zone                | 5       | 16-24             |
| Extruder heating power       | 螺杆加热功率 | KW                  | 29      | 45-65             |
| Extruder driving power       | 挤出电机功率 | KW                  | 55      | 18.5+11+7.5+5.5×2 |
| <b>POWER /// 动力</b>          |        |                     |         |                   |
| Oil pump driving power       | 油泵电机功率 | KW                  | 22      | 22                |
| Fan power for scerw          | 螺杆风机功率 | KW                  | -       | -                 |
| Servo drive power            | 伺服电机功率 | KW                  | 4       | 4                 |
| Total power                  | 最大总功率  | KW                  | 132     | 180               |
| Air pressure                 | 气源压力   | Mpa                 | 0.6     | 0.6               |
| Air consumption              | 气源排量   | m <sup>3</sup> /min | 1-1.5   | 1-1.5             |
| Average energy consumption   | 平均能耗   | KW                  | 60      | 85                |
| Cooling water consumption    | 冷却水用量  | m <sup>3</sup> /h   | 2.5-3.5 | 2.5-3.5           |

**DHD-5L II-MIII/IV/V DHD-12L II-MIII/IV/V**  
**Many-layer Fully-automatic Extrusion Blow**  
**Moulding Machines**  
 多层复合全自动中空吹塑机



> It is our newest design:5-layer,double head, four head,fully auto extrusion blow molding machine.This machine fused multilayer co-extrusion, PLC,electro-hydraulic proportional and frequency conversion and others advanced technology, with high robotization,fast and stably operation, and high productivity.The plasticization of the die reaches advanced international standard. The machine is suitable for producing the high-performance multilayer and good barriers, anticorrosion,and anti-leakage.

At present,we are one of the leaders in the field of co-extrusion techniques.Products widely used in foods,medicine,chemical industry and other fields.Could prolong the shelf period, and bring good economic benefit.

> 我公司最新开发设计的五层双模头、四模头，全自动中空吹塑机。该机型融合了多层共挤，电脑、电液比例控制机变频等先进技术，整机自动化程度高，动作快捷平稳，生产效率高，机头塑化性能达到先进水平，适用于生产具有外表美观，强度高，阻隔性好，耐腐蚀，防渗漏的高性能多层复合塑料中空容器。目前五层多模头共挤技术在同行业中处于领先地位。产品广泛应用于食品、医药、化工包装领域，使保质期延长，具有良好的经济效益。



**MAIN TECHNICAL FEATURES**  
**技术参数**

**DHD-5L II**  
**M III/IV/V**

**DHD-12L II**  
**M III/IV/V**

**SPECIFICATIONS /// 基本规格**

|                          |        | UNIT | DHD-5L II<br>M III/IV/V | DHD-12L II<br>M III/IV/V |
|--------------------------|--------|------|-------------------------|--------------------------|
| Material                 | 适用原料   | -    | PE、PP、EVOH、PA、EVA...    | PE、PP、EVOH、PA、EVA...     |
| Max container capacity   | 最大制品容积 | L    | 5                       | 12                       |
| Number of die            | 模头数    | set  | 1、2、3、4                 | 1、2、3、4                  |
| Total weight             | 机器重量   | ton  | 8                       | 11                       |
| Machine dimension(LxWxH) | 机器外形尺寸 | m    | 4.15X1.85X2.65          | 4.8 x2.95x3              |

**ACCUMULATOR HEAD /// 模头**

|                             |         | zone | DHD-5L II<br>M III/IV/V | DHD-12L II<br>M III/IV/V |
|-----------------------------|---------|------|-------------------------|--------------------------|
| Number of die heating       | 模头加热段数  | zone | 11                      | 11                       |
| Power of die heating        | 模头加热功率  | KW   | 11                      | 15                       |
| Max die-pin diameter        | 挤出口最大直径 | mm   | 80                      | 140                      |
| Center distance of twin-die | 双模头中心距  | mm   | 160                     | 240                      |
| Center distance of tri-die  | 三模头中心距  | mm   | 150                     | 180                      |
| Center distance of four-die | 四模头中心距  | mm   | 140                     | 160                      |
| Center distance of five-die | 五模头中心距  | mm   | -                       | -                        |
| Center distance of six -die | 六模头中心距  | mm   | -                       | -                        |

**CLAMPING UNIT /// 开合模系统**

|                       |        |    | DHD-5L II<br>M III/IV/V | DHD-12L II<br>M III/IV/V |
|-----------------------|--------|----|-------------------------|--------------------------|
| Clamping force        | 锁模力    | KN | 70                      | 110                      |
| Platen opening stroke | 模板间距   | mm | 209-510                 | 209-620                  |
| Platen size           | 模板尺寸   | mm | 350X380                 | 460X500                  |
| Max mould size(WxH)   | 最大模具尺寸 | mm | 400X380                 | 560X500                  |
| Mould thickness       | 模具厚度   | mm | 215-300                 | 215-320                  |

**EXTRUDER UNIT /// 挤出系统**

|                        |        |       | DHD-5L II<br>M III/IV/V | DHD-12L II<br>M III/IV/V |
|------------------------|--------|-------|-------------------------|--------------------------|
| Screw diameter         | 螺杆直径   | mm    | 60+50+30x3              | 70+60+30x3               |
| ScrewL/D               | 螺杆长径比  | L/D   | 28:1 / 25:1             | 28:1 / 25:1              |
| Extruding volume       | 挤出量    | Kg/hr | 65+45+7x3               | 110+65+7x3               |
| Number of heating zone | 螺杆加热段数 | zone  | 16-24                   | 16-24                    |
| Extruder heating power | 螺杆加热功率 | KW    | 9+7.5+3x3               | 20+13+3x3                |
| Extruder driving power | 挤出电机功率 | KW    | 15+11+5.5x3             | 37+30+5.5x3              |

**POWER /// 动力**

|                            |        |        | DHD-5L II<br>M III/IV/V | DHD-12L II<br>M III/IV/V |
|----------------------------|--------|--------|-------------------------|--------------------------|
| Oil pump driving power     | 油泵电机功率 | KW     | 15                      | 22                       |
| Fan power for scerw        | 螺杆风机功率 | KW     | 0.25                    | 0.25                     |
| Servo drive power          | 伺服电机功率 | KW     | -                       | -                        |
| Total power                | 最大总功率  | KW     | 110                     | 155                      |
| Air pressure               | 气源压力   | Mpa    | 0.6                     | 0.6                      |
| Air consumption            | 气源排量   | m³/min | 0.6                     | 0.8                      |
| Average energy consumption | 平均能耗   | KW     | 40                      | 65                       |
| Cooling water consumption  | 冷却水用量  | m³/h   | -                       | -                        |

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**DHB-M200**  
Automatic Extrusion Blow Molding Machine  
大型储料式2-3层共挤中空成型机

> 16L-60L double layers with accumulator head blow molding machine is newly-developed product in our company. This model uses twin-screw with co-accumulator die head, by increasing recycled layer & proportion as well as reducing the use of raw material, in order to reduce product material costs. Plasticizations cancel V-belt drive, but adopt parallel shaft-helical gear reducer energy consumption, small oil tank is for calmping uses oil-filled cylinder, small oil tank is for clamping pressure increase, and large oil tank is for mold opening and closing, which lessen oil pump displacement and energy consumption.

> 我们公司新研发设计模头储料容积为16L-60L双层、三层储料式吹塑机成型机。该机采用双螺杆共同储料模头，增加回收料层以及比例，减小原材料的使用，降低了产品的材料成本。塑化取消V带传动，采用平行轴-斜齿轮减速电机，提高传动效率减小能耗，振动小，噪音低。液压锁模采用充液缸，小油缸带动锁模增压大油缸开合模，减小油泵排量，节约能源。

> The clamping unit is with double rod, linear railway guild structure, even force on platen, small resistance on mold clamping. This model is applied to the trash, Chemical barrels, pallets, as well as a variety of cabinet products.

> 锁模机构采用双层拉杆，线性平移导轨，使模板受力均匀，锁模阻力小，可应用于垃圾桶、化工桶、托盘、以及各种箱体类产品。



**MAIN TECHNICAL FEATURES**  
技术参数

DHB-M200

| SPECIFICATIONS /// 基本规格  |           | UNIT   |          |
|--------------------------|-----------|--------|----------|
| Material                 | 适用原料      | -      | PE、PP... |
| Max container capacity   | 最大制品容积    | L      | 200      |
| Number of die            | 模头数       | set    | 1        |
| Output(dry cycle)        | 生产能力(空循环) | pcs/hr | 260      |
| Total weight             | 机器重量      | ton    | 40       |
| Machine dimension(LxWxH) | 机器外形尺寸    | m      | 7.5X3X5  |

| ACCUMULATOR HEAD /// 模头 |        |         |         |
|-------------------------|--------|---------|---------|
| Accumulator capacity    | 模头储料容积 | L       | 16      |
| Power of die heating    | 模头加热功率 | KW      | 50      |
| Number of die heating   | 模头加热段数 | zone    | 5       |
| Die diameter            | 最大口模直径 | mm      | 150-500 |
| Injection pressure      | 射料压力   | Mpa     | 8       |
| Max.injection speed     | 最大射料速度 | kg/sec. | 2       |

| CLAMPING UNIT /// 开合模系统 |        |       |           |
|-------------------------|--------|-------|-----------|
| Clamping force          | 锁模力    | KN    | 860       |
| Platen opening stroke   | 模板间距   | mm    | 700-1700  |
| Platen size             | 模板尺寸   | mm    | 1300X1300 |
| Max mould size(WxH)     | 最大模具尺寸 | mm    | 1200-1500 |
| Mold moving speed       | 移模速度   | mm/se | 250       |

| EXTRUDER UNIT /// 挤出系统 |        |       |                 |
|------------------------|--------|-------|-----------------|
| Screw diameter         | 螺杆直径   | mm    | 90+100          |
| ScrewL/D               | 螺杆长径比  | L/D   | 25:1            |
| Extruding volume       | 挤出量    | Kg/hr | 120-200/180-270 |
| Screw rotation rate    | 螺杆转速   | r/min | 10-70           |
| Extruder heating power | 螺杆加热功率 | KW    | 20/22.4         |
| Extruder diving power  | 螺杆电机功率 | KW    | 45/55           |

| POWER /// 动力               |        |        |       |
|----------------------------|--------|--------|-------|
| Oil pump driving power     | 油泵电机功率 | KW     | 30    |
| Fan power for scerw        | 伺服机功率  | KW     | 11    |
| General assembly power     | 总装机功率  | KW     | 215   |
| Average energy consumption | 平均能耗   | KW     | 150   |
| Air pressure               | 气源压力   | Mpa    | 0.8-1 |
| Air consumption            | 耗气量    | m³/min | 2     |
| Cooling water consumption  | 冷却水消耗量 | m³/min | 1.8   |

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**DHD-1L II**  
Automatic Extrusion Blow Moulding Machine  
全自动中空吹塑机

Optional:  
> 1-5layers,1-4heads,Perspective mark stripe,Auto-deflasher,Auto conveyor,Servo Parison Control, Second Clamping,Side blowing. Chinese/English and other Languages control.

> DHD-1L II 是我们公司的畅销产品之一。该款机除PE材料外，还可用于PP、PETG及PVC等容器的生产，该机结构精简、价格实惠，不仅能满足快速生产需要，而且操作容易。标准机型配有一个水口回收传送装置，吹塑成品会沿着斜槽送出，全自动化生产。专业设计适用于1ML至1L多模头容器的大批量生产。提供1、2、3、4模头选择，以实现批量生产。



**MAIN TECHNICAL FEATURES**  
技术参数

DHD-1L II

**SPECIFICATIONS /// 基本规格**

| SPECIFICATIONS /// 基本规格  |        | UNIT |               |
|--------------------------|--------|------|---------------|
| Material                 | 适用原料   | -    | PE、PP...      |
| Max container capacity   | 最大制品容积 | L    | 1             |
| Number of die            | 模头数    | set  | 1、2、3、4       |
| Total weight             | 机器重量   | ton  | 2.5           |
| Machine dimension(LxWxH) | 机器外形尺寸 | m    | 2.56X1.8X2.24 |

**ACCUMULATOR HEAD /// 模头**

|                             |         |      |         |
|-----------------------------|---------|------|---------|
| Number of die heating       | 模头加热段数  | zone | 4       |
| Power of die heating        | 模头加热功率  | KW   | 1.3-2.6 |
| Max die-pin diameter        | 挤出口最大直径 | mm   | 70      |
| Center distance of twin-die | 双模头中心距  | mm   | 100     |
| Center distance of tri-die  | 三模头中心距  | mm   | 70      |
| Center distance of four-die | 四模头中心距  | mm   | 50      |
| Center distance of five-die | 五模头中心距  | mm   | -       |
| Center distance of six-die  | 六模头中心距  | mm   | -       |

**CLAMPING UNIT /// 开合模系统**

|                       |        |    |         |
|-----------------------|--------|----|---------|
| Clamping force        | 锁模力    | KN | 27      |
| Platen opening stroke | 模板间距   | mm | 110-260 |
| Platen size           | 模板尺寸   | mm | 260X210 |
| Max mould size(WxH)   | 最大模具尺寸 | mm | 280X210 |
| Mould thickness       | 模具厚度   | mm | 110-150 |

**EXTRUDER UNIT /// 挤出系统**

|                        |        |       |      |
|------------------------|--------|-------|------|
| Screw diameter         | 螺杆直径   | mm    | 45   |
| ScrewL/D               | 螺杆长径比  | L/D   | 24:1 |
| Extruding volume       | 挤出货量   | Kg/hr | 25   |
| Number of heating zone | 螺杆加热段数 | zone  | 4    |
| Extruder heating power | 螺杆加热功率 | KW    | 4    |
| Extruder driving power | 挤出电机功率 | KW    | 7.5  |

**POWER /// 动力**

|                            |        |                     |         |
|----------------------------|--------|---------------------|---------|
| Oil pump driving power     | 油泵电机功率 | KW                  | 5.5     |
| Fan power for scerw        | 螺杆风机功率 | KW                  | -       |
| Servo drive power          | 伺服电机功率 | KW                  | -       |
| Total power                | 最大总功率  | KW                  | 18.6    |
| Air pressure               | 气源压力   | Mpa                 | 0.6     |
| Air consumption            | 气源排量   | m <sup>3</sup> /min | 0.4-0.6 |
| Average energy consumption | 平均能耗   | KW                  | 10      |
| Cooling water consumption  | 冷却水用量  | m <sup>3</sup> /h   | 0.8     |

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❖ DHD-2L II DHD-3LA DHD-5L II  
Automatic Extrusion Blow Moulding Machine  
全自动中空吹塑机

> Introducing advanced technology from Germany, Italy, Japan etc. Involving advanced design and production of super large-scale blow-molding machine and engineering management capability. Holding over 40 items Patent Technologies.

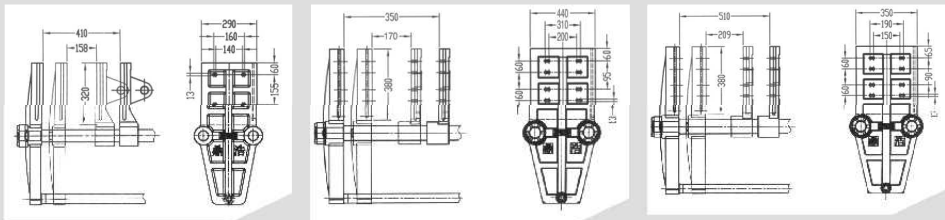
> Special design can be made to order to for visistipe(VS) or two colors(TC) or two layers(TL) bottles.

> 本公司引进德国、日本、意大利等尖端技术最先进的吹塑机设计、制造以及工程管理能力拥有近40多项专利技术。

特殊设计可生产如一条透明线、双色或双层之机型。



Double Station  
(双工位)



❖ MAIN TECHNICAL FEATURES  
技术参数

DHD-2L II

DHD-3LA

DHD-5L II

SPECIFICATIONS /// 基本规格

|                                 | UNIT |  | DHD-2L II      | DHD-3LA      | DHD-5L II      |
|---------------------------------|------|--|----------------|--------------|----------------|
| Material 适用原料                   | -    |  | PE、PP...       | PE、PP...     | PE、PP...       |
| Max container capacity 最大制品容积   | L    |  | 2              | 3            | 5              |
| Number of die 模头数               | set  |  | 1、2、3、4        | 1、2、3、4、5、6  | 1、2、3、4        |
| Total weight 机器重量               | ton  |  | 6.0            | 8            | 7.8            |
| Machine dimension(LxWxH) 机器外形尺寸 | m    |  | 3.35X2.26X2.35 | 3.74X2.8X2.3 | 3.82X2.66X2.69 |

ACCUMULATOR HEAD /// 模头

|                                    | UNIT |  | DHD-2L II | DHD-3LA  | DHD-5L II |
|------------------------------------|------|--|-----------|----------|-----------|
| Number of die heating 模头加热段数       | zone |  | 4-12      | 4-19     | 4-12      |
| Power of die heating 模头加热功率        | KW   |  | 3-6.5     | 4.5-16.5 | 4.5-11    |
| Max die-pin diameter 挤出口最大直径       | mm   |  | 60        | 80       | 140       |
| Center distance of twin-die 双模头中心距 | mm   |  | 130       | 240      | 160       |
| Center distance of tri-die 三模头中心距  | mm   |  | 85        | 160      | 110       |
| Center distance of four-die 四模头中心距 | mm   |  | 65        | 110-120  | 85        |
| Center distance of five-die 五模头中心距 | mm   |  | -         | 90       | -         |
| Center distance of six -die 六模头中心距 | mm   |  | -         | 75-80    | -         |

CLAMPING UNIT /// 开合模系统

|                            | UNIT |  | DHD-2L II | DHD-3LA | DHD-5L II |
|----------------------------|------|--|-----------|---------|-----------|
| Clamping force 锁模力         | KN   |  | 40        | 70      | 70        |
| Platen opening stroke 模板间距 | mm   |  | 158-410   | 170-350 | 209-510   |
| Platen size 模板尺寸           | mm   |  | 290X320   | 440X250 | 350X380   |
| Max mould size(WxH) 最大模具尺寸 | mm   |  | 320X320   | 550X280 | 400X380   |
| Mould thickness 模具厚度       | mm   |  | 160-240   | 170-220 | 210-300   |

EXTRUDER UNIT /// 挤出系统

|                               | UNIT  |  | DHD-2L II | DHD-3LA | DHD-5L II |
|-------------------------------|-------|--|-----------|---------|-----------|
| Screw diameter 螺杆直径           | mm    |  | 60        | 75      | 70        |
| ScrewL/D 螺杆长径比                | L/D   |  | 25:1      | 25:1    | 25:1      |
| Extruding volume 挤出量          | Kg/hr |  | 60-65     | 100-110 | 90-100    |
| Number of heating zone 螺杆加热段数 | zone  |  | 4         | 4       | 4         |
| Extruder heating power 螺杆加热功率 | KW    |  | 8         | 12      | 10        |
| Extruder driving power 挤出电机功率 | KW    |  | 18.5      | 30      | 30        |

POWER /// 动力

|                                 | UNIT   |  | DHD-2L II | DHD-3LA | DHD-5L II |
|---------------------------------|--------|--|-----------|---------|-----------|
| Oil pump driving power 油泵电机功率   | KW     |  | 7.5       | 15      | 11-15     |
| Fan power for scerw 螺杆风机功率      | KW     |  | 0.5       | 0.5     | 0.5       |
| Servo drive power 伺服电机功率        | KW     |  | -         | -       | -         |
| Total power 最大总功率               | KW     |  | 41-44.5   | 58-70   | 52.5-59   |
| Air pressure 气源压力               | Mpa    |  | 0.6       | 0.6     | 0.6       |
| Air consumption 气源排量            | m³/min |  | 0.6-1.0   | 1.5-2.0 | 1-1.5     |
| Average energy consumption 平均能耗 | KW     |  | 22        | 38      | 33        |
| Cooling water consumption 冷却水用量 | m³/h   |  | 1.5-2     | 1.5-2.5 | 1.5-2.5   |

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❖ DHD-12L II DHD-16L II  
Automatic Extrusion Blow Moulding Machine  
全自动中空吹塑机



Double Station  
(双工位)

特殊设计可生产如加一条透明线、双色或双层之机型。  
Special design can be made to order to for visistipe(VS) or two colors(TC) or two layers (TL)bottles.



- > 该系列属双工位，单模头至六模头机型，安全自动化，专业生产高产量的各类中空容器，如化妆瓶、清洁剂瓶、机油壶等。移模采用直线导轨式设计，机器性能卓越，能耗低，效率高。
- > This machine is a double station machine, and suitable for producing high quality containers with high output. It specializes in the manufacture of PE\PP\PVC\TPU\PETG containers of up to 16L, with from one to six fold diehead, for use in the packaging of petroleum, cosmetics, chemicals, pharmaceuticals, food, toys and auto-part.

❖ MAIN TECHNICAL FEATURES  
技术参数

DHD 12L II      DHD 16L II

| SPECIFICATIONS/// 基本规格   |        | UNIT | DHD 12L II | DHD 16L II  |
|--------------------------|--------|------|------------|-------------|
| Material                 | 适用原料   | -    | PE、PP...   | PE、PP...    |
| Max container capacity   | 最大制品容积 | L    | 12         | 16          |
| Number of die            | 模头数    | set  | 1、2、3、4、6  | 1、2、3、4、6   |
| Total weight             | 机器重量   | ton  | 10         | 13          |
| Machine dimension(LxWxH) | 机器外形尺寸 | m    | 4.1X2.5X3  | 4.5X2.7X3.1 |

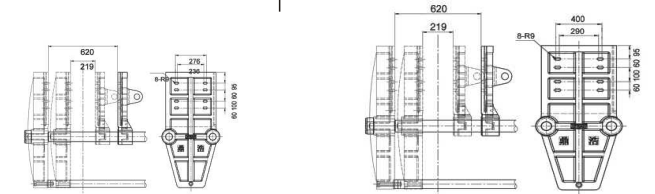
| ACCUMULATOR HEAD /// 模头      |         |      | DHD 12L II | DHD 16L II |
|------------------------------|---------|------|------------|------------|
| Number of die heating        | 模头加热段数  | zone | 4-16       | 5-16       |
| Power of die heating         | 模头加热功率  | KW   | 6-7        | 15         |
| Max die-pin diameter         | 挤出口最大直径 | mm   | 180        | 140        |
| Center distance of twin-die  | 双模头中心距  | mm   | 240        | 240-260    |
| Center distance of tri-die   | 三模头中心距  | mm   | 160        | 160-180    |
| Center distance of four-die  | 四模头中心距  | mm   | 120        | 120-130    |
| Center distance of five -die | 五模头中心距  | mm   | -          | -          |
| Center distance of six-die   | 六模头中心距  | mm   | 85         | 90         |

| CLAMPING UNIT/// 开合模系统 |        |    | DHD 12L II | DHD 16L II |
|------------------------|--------|----|------------|------------|
| Clamping force         | 锁模力    | KN | 110        | 100(155)   |
| Platen opening stroke  | 模板间距   | mm | 219-600    | 219-620    |
| Platen size            | 模板尺寸   | mm | 460X500    | 520X480    |
| Max mould size(WxH)    | 最大模具尺寸 | mm | 560X500    | 600X480    |
| Mould thickness        | 模具厚度   | mm | 220-320    | 220-330    |

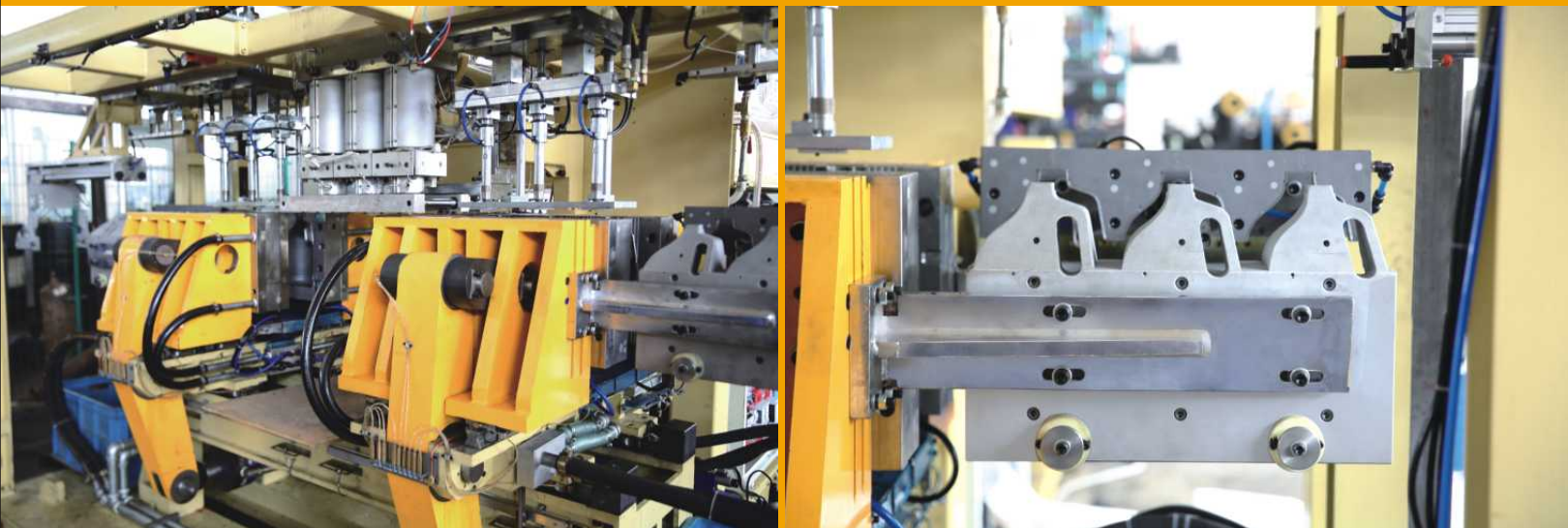
| EXTRUDER UNIT/// 挤出系统  |        |       | DHD 12L II | DHD 16L II |
|------------------------|--------|-------|------------|------------|
| Screw diameter         | 螺杆直径   | mm    | 80         | 90         |
| ScrewL/D               | 螺杆长径比  | L/D   | 25:1       | 25:1       |
| Extruding volume       | 挤出量    | Kg/hr | 130-160    | 120-200    |
| Number of heating zone | 螺杆加热段数 | zone  | 4          | 4          |
| Extruder heating power | 螺杆加热功率 | KW    | 8.2-9.3    | 21.6       |
| Extruder driving power | 挤出电机功率 | KW    | 37         | 45         |

| POWER /// 动力               |        |        | DHD 12L II | DHD 16L II |
|----------------------------|--------|--------|------------|------------|
| Oil pump driving power     | 油泵电机功率 | KW     | 15-22      | 15-22      |
| Fan power for scerw        | 螺杆风机功率 | KW     | 0.6        | 0.6        |
| Servo drive power          | 伺服电机功率 | KW     | -          | -          |
| Total power                | 最大总功率  | KW     | 67         | 105        |
| Air pressure               | 气源压力   | Mpa    | 0.6        | 0.6        |
| Air consumption            | 气源排量   | m³/min | 1.0        | 1.0        |
| Average energy consumption | 平均能耗   | KW     | 35         | 48         |
| Cooling water consumption  | 冷却水用量  | m³/h   | -          | -          |

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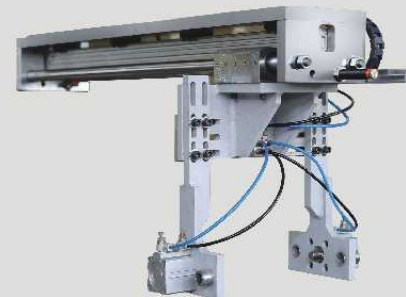


❖ DHD-QK100  
Fast Translation Fully-automatic  
Extrusion Blow Moulding Machines  
快速平移全自动中空吹塑机



> Double station with HIGH-SPEED, Advanced technology from America and European countries. Dry cycle stroke is 700mm, double station only takes 3.8s. 10 heads, multi-layers, Fully automatic. For use in packaging of 100ml-15000ml washing, cosmetics, food and petroleum containers.

> 快速平移系列，集欧美技术于一身的高速吹塑机，其干循环行程700毫米双工位只需3.8秒。可配10模头，多层产品要求，鼎浩平移系列吹塑机媲美欧美同类型尖端吹塑机，自动化程度达到完美无瑕。适合生产各种100ml-15000ml的洗涤用品包装瓶、化妆品瓶、饮料瓶及机油壶等。



❖ MAIN TECHNICAL FEATURES  
技术参数

DHD-QK100

| SPECIFICATIONS/// 基本规格       |         | UNIT                 |             |
|------------------------------|---------|----------------------|-------------|
| Material                     | 适用原料    | -                    | PE、PP...    |
| Max container capacity       | 最大制品容积  | L                    | 8+8         |
| Number of die                | 模头数     | set                  | 1、2、3、4、6、8 |
| Total weight                 | 机器重量    | ton                  | 20          |
| Machine dimension(LxWxH)     | 机器外形尺寸  | m                    | 6.3X3.9X2.7 |
| <b>DIE HEAD///模头</b>         |         |                      |             |
| Number of die heating        | 模头加热段数  | zone                 | 12-20       |
| Power of die heating         | 模头加热功率  | KW                   | 10-19.69    |
| Max die-pin diameter         | 挤出口最大直径 | mm                   | 140         |
| Center distance of twin-die  | 双模头中心距  | mm                   | 280         |
| Center distance of tri-die   | 三模头中心距  | mm                   | 190         |
| Center distance of four-die  | 四模头中心距  | mm                   | 140         |
| Center distance of six-die   | 六模头中心距  | mm                   | 100         |
| Center distance of eight-die | 八模头中心距  | mm                   | 75          |
| <b>CLAMPING UNIT///开合模系统</b> |         |                      |             |
| Clamping force               | 锁模力     | KN                   | 190         |
| Platen opening stroke        | 模板间距    | mm                   | 270-510     |
| Platen size                  | 模板尺寸    | mm                   | 410X600     |
| Max mould size(WxH)          | 最大模具尺寸  | mm                   | 410X690     |
| Mould thickness              | 模具厚度    | mm                   | 275-380     |
| <b>EXTRUDER UNIT///挤出系统</b>  |         |                      |             |
| Screw diameter               | 螺杆直径    | mm                   | 100         |
| ScrewL/D                     | 螺杆长径比   | L/D                  | 25:1        |
| Extruding volume             | 挤出量     | kg/hr                | 200-280     |
| Number of heating zone       | 螺杆加热段数  | zone                 | 4           |
| Extruder heating power       | 螺杆加热功率  | KW                   | 26.4        |
| Extruder driving power       | 挤出电机功率  | KW                   | 55-75       |
| <b>POWER///动力</b>            |         |                      |             |
| Oil pump driving power       | 油泵电机功率  | KW                   | 30          |
| Fan power for scerw          | 螺杆风机功率  | KW                   | 0.6         |
| Total power                  | 最大总功率   | KW                   | 157         |
| Air pressure                 | 气源压力    | Mpa                  | 0.8         |
| Air consumption              | 气源排量    | m <sup>3</sup> / min | 2-3         |
| Average energy consumption   | 平均能耗    | KW                   | 64          |

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❖ DHS-2L DHS-5L DHS-12L DHS-16L  
Automatic Extrusion Blow Moulding Machine  
中空吹塑机



(单工位)  
Single Station



○ 该系列属单工位机型，主要用于制品要求高品质、产量适中的情况。可以全自动生产15升以下PE、PP、PVC、TPU、PETG等材料的中空制品，其模头可多达六个腔，广泛应用于生产化妆品、石油、化工、药品、食品、玩具、汽车零件等中空容器。

○ This machine is a single station machine, and suitable for producing high quality containers with medium output. It specializes in the manufacture of PE/PP/PVC/TPU/PETG containers of up to 5L, with from one to six fold diehead, for use in the packaging of petroleum, cosmetics, chemicals, pharmaceuticals, food, toys and auto-part.

○ 可根据客户要求选用各国际名牌元件和电脑控制系统。

○ We also can choose the fittings of other international brand and computer control system as per customers request!

❖ MAIN TECHNICAL FEATURES  
技术参数

|  | DHS-2L | DHS-5L | DHS-12L | DHS-16L |
|--|--------|--------|---------|---------|
|--|--------|--------|---------|---------|

| SPECIFICATIONS/// 基本规格   |        | UNIT |             |               |            |             |
|--------------------------|--------|------|-------------|---------------|------------|-------------|
| Material                 | 适用原料   | -    | PE、PP...    | PE、PP...      | PE、PP...   | PE、PP...    |
| Max container capacity   | 最大制品容积 | L    | 2           | 5             | 12         | 16          |
| Number of die            | 模头数    | set  | 1、2、3、4     | 1、2、3、4       | 1、2、3、4、6  | 1、2、3、4、6   |
| Total weight             | 机器重量   | ton  | 4           | 5             | 7          | 8           |
| Machine dimension(LxWxH) | 机器外形尺寸 | m    | 2.5X1.6X2.4 | 2.9X1.85X2.65 | 4.2X2.95X3 | 4.8X3.2X3.1 |

| ACCUMULATOR HEAD /// 模头      |         |      |      |        |      |      |
|------------------------------|---------|------|------|--------|------|------|
| Number of die heating        | 模头加热段数  | zone | 4-12 | 4-12   | 4-16 | 5-16 |
| Power of die heating         | 模头加热功率  | KW   | 4.2  | 4.5-11 | 6-7  | 6-7  |
| Max die-pin diameter         | 挤出口最大直径 | mm   | 60   | 140    | 140  | 140  |
| Center distance of twin-die  | 双模头中心距  | mm   | 130  | 160    | 240  | 260  |
| Center distance of tri-die   | 三模头中心距  | mm   | 85   | 110    | 160  | 180  |
| Center distance of four-die  | 四模头中心距  | mm   | 65   | 85     | 120  | 130  |
| Center distance of five -die | 五模头中心距  | mm   | -    | -      | -    | -    |
| Center distance of six-die   | 六模头中心距  | mm   | -    | -      | 85   | 90   |

| CLAMPING UNIT/// 开合模系统 |        |    |         |         |         |          |
|------------------------|--------|----|---------|---------|---------|----------|
| Clamping force         | 锁模力    | KN | 40      | 70      | 110     | 100(155) |
| Platen opening stroke  | 模板间距   | mm | 158-410 | 209-510 | 209-620 | 219-620  |
| Platen size            | 模板尺寸   | mm | 290X320 | 350X380 | 460X500 | 500X490  |
| Max mould size(WxH)    | 最大模具尺寸 | mm | 320X320 | 400X380 | 560X500 | 600X500  |
| Mould thickness        | 模具厚度   | mm | 160-240 | 210-290 | 220-320 | 210-330  |

| EXTRUDER UNIT/// 挤出系统  |        |       |       |       |        |         |
|------------------------|--------|-------|-------|-------|--------|---------|
| Screw diameter         | 螺杆直径   | mm    | 50    | 60    | 70     | 75      |
| ScrewL/D               | 螺杆长径比  | L/D   | 25:1  | 25:1  | 25:1   | 25:1    |
| Extruding volume       | 挤出量    | Kg/hr | 40-50 | 60-65 | 90-100 | 100-110 |
| Number of heating zone | 螺杆加热段数 | zone  | 3     | 3     | 3      | 4       |
| Extruder heating power | 螺杆加热功率 | KW    | 3-4.4 | 5-6.6 | 6-8.2  | 7.3-8.6 |
| Extruder driving power | 挤出电机功率 | KW    | 11-15 | 18.5  | 30     | 30-37   |

| POWER /// 动力               |        |        |        |       |      |     |
|----------------------------|--------|--------|--------|-------|------|-----|
| Oil pump driving power     | 油泵电机功率 | KW     | 7.5-11 | 11-15 | 15   | 15  |
| Fan power for scerw        | 螺杆风机功率 | KW     | 0.25   | 0.25  | 0.25 | 0.6 |
| Servo drive power          | 伺服电机功率 | KW     | -      | -     | -    | -   |
| Total power                | 最大总功率  | KW     | 22     | 32    | 41   | 52  |
| Air pressure               | 气源压力   | Mpa    | 0.6    | 0.6   | 0.6  | 0.6 |
| Air consumption            | 气源排量   | m³/min | 0.4    | 0.6   | 0.8  | 0.8 |
| Average energy consumption | 平均能耗   | KW     | 12     | 18    | 22   | 24  |
| Cooling water consumption  | 冷却水用量  | m³/h   | -      | -     | -    | -   |

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**DHB-82PC**  
PC-Extrusion Blow Molding Machine  
PC专用中空吹塑机

> DHB-82PC machine are composed by clamping structure, die head, extrusion system, hydraulic system, frame, pneumatic system, cooling system, bottom blow device, electric system, parison controller and so on. And the take out products device can be chosen by customer.

> DHB-82PC blow moulding machine special for blow PC material Products with the purify water barrel and lamp shade

> DHB-82PC机型主机部分由合模机构、模头、挤出系统、液压系统、气动系统、冷却管路系统、下吹装置、壁厚控制系统、电气控制系统及机架等部分组成，除此之外，另有自动机械手供客户选择。

> DHB-82PC中空吹塑机，专门用来吹塑成形以聚碳酸酯为原料的纯净水桶及灯罩



**MAIN TECHNICAL FEATURES**  
技术参数

**DHB-82PC**

| SPECIFICATIONS /// 基本规格  |           | UNIT   |             |
|--------------------------|-----------|--------|-------------|
| Material                 | 适用原料      | -      | PC          |
| Max container capacity   | 最大制品容积    | L      | 25          |
| Number of die            | 模头数       | set    | 1           |
| Output(dry cycle)        | 生产能力(空循环) | pcs/hr | 500         |
| Total weight             | 机器重量      | ton    | 12          |
| Machine dimension(LxWxH) | 机器外形尺寸    | m      | 6.5X2.6X4.7 |

| ACCUMULATOR HEAD /// 模头 |         |      |     |
|-------------------------|---------|------|-----|
| Number of die heating   | 模头加热段数  | zone | 4   |
| Power of die heating    | 模头加热功率  | KW   | 8   |
| Max die-pin diameter    | 挤出口最大直径 | mm   | 160 |
| Accumulator capacity    | 模头储料容积  | L    | 1.8 |

| CLAMPING UNIT /// 开合模系统 |        |    |         |
|-------------------------|--------|----|---------|
| Clamping force          | 锁模力    | KN | 220     |
| Platen opening stroke   | 模板间距   | mm | 350-800 |
| Platen size             | 模板尺寸   | mm | 740X630 |
| Max mould size(WxH)     | 最大模具尺寸 | mm | 550X660 |
| Mould thickness         | 模具厚度   | mm | 360-420 |

| EXTRUDER UNIT /// 挤出系统 |        |       |           |
|------------------------|--------|-------|-----------|
| Screw diameter         | 螺杆直径   | mm    | 82        |
| Screw L/D              | 螺杆长径比  | L/D   | 30:1/38:1 |
| Extruding volume       | 挤出量    | Kg/hr | 150       |
| Number of heating zone | 螺杆加热段数 | zone  | 8         |
| Extruder heating power | 螺杆加热功率 | KW    | 20        |

| POWER /// 动力               |        |                     |     |
|----------------------------|--------|---------------------|-----|
| Oil pump driving power     | 油泵电机功率 | KW                  | 45  |
| Fan power for scerw        | 螺杆风机功率 | KW                  | 0.9 |
| Total power                | 最大总功率  | KW                  | 90  |
| Air pressure               | 气源压力   | Mpa                 | 1.2 |
| Air consumption            | 气源排量   | m <sup>3</sup> /min | 1.0 |
| Average energy consumption | 平均能耗   | KW                  | 42  |

> All specification and designs are subject to change without notice.  
以上数据可能不断研发改进，仅供参考，若有变更，恕不另行通知。

❖ DHB-M120 DHB-M280  
Six and Seven layers fully-automatic  
Extrusion Blow Moulding Machine  
六-七复合全自动中空吹塑机

> Ensuring six or seven layers of resin completely melt, and using the latest international composite super imposed multilayer flow design, make the flow smooth and has no dead angle, the material and color piece can be changed, the material base of good quality.

> The extrusion system of 6 to 7 layers co-extrusion blow molding machine consists of 6-7 sets of extrusion and composition, machine parts and screws adopt high quality nitride alloy steel, have high surface hardness, long service life and good quality of plasticizing, which is suitable for processing high molecular weight polyethylene. The pressure sets on the extrusion system can make sure the stability of material base of the continuous co-extruding die.

> In the auto industry, plastic seat box has the advantage that the metal fuel tank can't take place. Plastic fuel tank is 30%-50% lighter than that of the same specification. The machine processes HMWHDPE as the grass roots. EVOH is such plastic fuel tank with versatile layer, high barrier, complex shape which is six-seven layer, can produce various hollow products requested as high barrier.

确保六、七层树脂安全包融，流道设计采用国际最新复合叠加式多层流道设计，使流道光滑无死角，换料换色块，型坯质量好。

六层七层共挤中空成型机的挤出系统由6-7套挤出机组成，机筒、螺杆，采用优质氮化合金钢，表面硬度高，使用寿命长，塑化质量好，适合加工高分子量聚乙烯原料，挤出系统均设置压力传感器，确保连续共挤模头的料坯稳定。

在汽车工业中，塑料油箱具有金属油箱不可代替的优点，塑料燃油箱安全可靠，耐冲击，耐腐蚀，不爆炸，是金属燃油箱无法比拟的，塑料燃油箱比同规格的金属燃油箱轻30%-50%。该机主要加工以高分子量，高密度聚乙烯(HMWHDPE)为基层，高阻隔性树脂(EVOH或PA)为功能层的具有高阻隔性、形状复杂的六层七层塑料燃油箱，也可生产各种有高阻隔性要求的中空制品。



❖ MAIN TECHNICAL FEATURES  
技术参数

DHB-M120

EXTRUDER /// 挤出机

| No                   | 编号   | -     | A    | B    | C    | D    | E    | F    | G    |
|----------------------|------|-------|------|------|------|------|------|------|------|
| Screw diameter       | 螺杆直径 | mm    | Φ100 | Φ100 | Φ70  | Φ40  | Φ40  | Φ50  | Φ50  |
| L/D ration           | 长径比  | -     | 36   | 30   | 25   | 25   | 25   | 25   | 25   |
| Screw speed          | 螺杆转速 | r/min | 0-62 | 0-62 | 0-70 | 0-88 | 0-88 | 0-78 | 0-80 |
| Plastiazing capacity | 塑化能力 | kg/h  | 255  | 180  | 100  | 13   | 13   | 25   | 30   |
| Drive power          | 驱动能力 | kw    | 75   | 75   | 30   | 11   | 11   | 15   | 18   |

MOULDING UNITE /// 合模机构

| Mould clamping force<br>锁模力 (KN) | Platen dimension(WxH)<br>模板尺寸 (mm) | Distance between platens<br>模板间距 (mm) | Max. mold dimension(WxHxT)<br>最大模具尺寸 (mm) |
|----------------------------------|------------------------------------|---------------------------------------|---|
| 1200                             | 1600x1500                          | 800-2000                              | 1600x1900x1000                            |

CO-EXTRUDING HEAD /// 共挤机头

| Layers of melt material<br>熔料层数 (mm) | Die dimension<br>口模尺寸 (mm) | Heating power<br>加热功率 (kw) | Heating zones<br>加热区 (段) |
|--------------------------------------|----------------------------|----------------------------|--------------------------|
| 6                                    | Φ200-Φ600                  | 68                         | 15                       |

BLOW UNIT /// 吹胀装置

| Extension stroke<br>伸缩行程 (mm) | Expansion stroke<br>扩张行程 (mm) |                |
|-------------------------------|-------------------------------|----------------|
| 250                           | 2x320                         | Adjustable(可调) |

OTHERS /// 其他

|                             |              |                                       |
|-----------------------------|--------------|---------------------------------------|
| Capacity of total power     | 装机容量         | 480KW                                 |
| Average energy consumption  | 平均能耗         | ≈ 220kw                               |
| Discharge of compressed air | 压缩空气用量       | 120~150m <sup>3</sup> /h (1.0MPa)     |
| Cooling water consumption   | 冷却水用量        | 40~50 m <sup>3</sup> /h (0.3MPa, 20c) |
| Total weight                | 机床重量         | ≈ 68T                                 |
| Overall dimension (LxWxH)   | 机床外形尺寸 长x宽x高 | 1450cmx1100cmX700cm                   |

WALL THICKNESS SECTION OF PRODUCTS /// 多层制品壁厚剖结构示意图

| Inner new material layer<br>内层新料层 (A) | Sticking layer<br>粘接层 (D) | Blockading layer<br>阻隔层 (D) | Sticking layer<br>粘接层 (E) | Recycling layer<br>回收料层 (B) | Outer new material layer<br>外层新料层 (C) | Inner cond. layer<br>导电层 (G) |
|---------------------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------------------|------------------------------|
| 25%-35%                               | 2%                        | 3%                          | 2%                        | 35%-45%                     | 15%-20%                               | 10%                          |

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❖ DHB-80 DHB-90 DHB-100 DHB-110  
Accumulator-head Extrusion Blow Molding Machine  
大型储料式吹塑机

- > 该系列机型主要应用于生产以PE, PP为原料的容积10升~160升各种包装桶、工具箱包、油箱、风管等汽车零件以及其他大中型塑料中空制品。
- > 采用了新型专利两拉杆式合模装置; 储料缸双包模头; 高效节能挤出装置等新技术, 配以完备的吹气装置和制品取出装置, 完整地实现了全自动生产。
- > 电控系统采用全电脑控制, 自动进行工艺参数优化及故障诊断, 控制精度高, 可靠性好。
- > 改系列机型完全按照德国同类机型标准设计制造, 是国际上性能价格比最优化的机型。

- > This series is mainly applicable to the production of various packing barrels with PE and capacity between 10~160L, toolbox, motorcar parts such as gasoline tank, wind pipe and other large and medium-sized plastic hollow products.
- > This series adopts new patent of two pull-rod type closing-mold device; double-folding accumulator head; extrusion device, equipped with complete blowing device and product taking-out device, and entirely achieves full automatic production.
- > The electrical control system adopts Complete computer control to automatically conduct technical parameter optimization and trouble diagnosis with high control precision and good reliability.
- > This series, completely designed and manufactured according to German standards of same model is the model with ration of performance to price at present.

ISO9001 & CE 商务热线: 400-188-2888



❖ MAIN TECHNICAL FEATURES  
技术参数

DHB80

DHB90

DHB100

DHB110

| SPECIFICATIONS///基本规格    |           | UNIT   |             |             |             |             |
|--------------------------|-----------|--------|-------------|-------------|-------------|-------------|
| Material                 | 适用原料      | -      | PE、PP...    | PE、PP...    | PE、PP...    | PE、PP...    |
| Max container capacity   | 最大制品容积    | L      | 25          | 50          | 120         | 160         |
| Number of die            | 模头数       | set    | 1           | 1           | 1           | 1           |
| Output(dry cycle)        | 生产能力(空循环) | pcs/hr | 500         | 400         | 360         | 300         |
| Machine dimension(LxWxH) | 机器外形尺寸    | m      | 4.2X2.3X3.6 | 4.6X2.5X3.8 | 5.8X2.5X4.6 | 6.0X2.9X4.8 |
| Total weight             | 机器重量      | ton    | 12          | 13.8        | 18          | 20          |

ACCUMULATOR HEAD /// 模头

|                       |        |         |     |     |     |     |
|-----------------------|--------|---------|-----|-----|-----|-----|
| Accumulator capacity  | 模头储料容积 | L       | 4.4 | 6.6 | 12  | 16  |
| Power of die heating  | 模头加热功率 | KW      | 18  | 22  | 25  | 30  |
| Number of die heating | 模头加热段数 | zone    | 4   | 4   | 4   | 5   |
| Die diameter          | 最大口模直径 | mm      | 300 | 350 | 450 | 510 |
| Injection pressure    | 射料压力   | Mpa     | 8   | 8   | 8   | 8   |
| Max.injection speed   | 最大射料速度 | kg/sec. | 1.5 | 1.5 | 1.5 | 1.5 |

CLAMPING UNIT /// 开合模系统

|                       |        |    |         |          |           |           |
|-----------------------|--------|----|---------|----------|-----------|-----------|
| Clamping force        | 锁模力    | KN | 210     | 300      | 500       | 720       |
| Platen opening stroke | 模板间距   | mm | 350-800 | 400-1000 | 500-1200  | 500-1500  |
| Platen size           | 模板尺寸   | mm | 740X600 | 880X780  | 1020X1060 | 1300X1300 |
| Max mould size(WxH)   | 最大模具尺寸 | mm | 520X630 | 670X960  | 800X1260  | 900X1400  |
| Mould thickness       | 模具厚度   | mm | 360-420 | 410-510  | 510-650   | 510-700   |

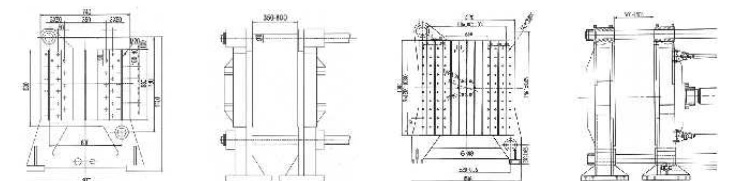
EXTRUDER UNIT /// 挤出系统

|                        |        |       |         |         |         |         |
|------------------------|--------|-------|---------|---------|---------|---------|
| Screw diameter         | 螺杆直径   | mm    | 80      | 90      | 100     | 110     |
| Screw L/D              | 螺杆长径比  | L/D   | 25:1    | 25:1    | 25:1    | 25:1    |
| Extruding volume       | 挤出量    | Kg/hr | 120-160 | 120-200 | 180-270 | 200-280 |
| Screw rotation rate    | 螺杆转速   | r/min | 10-86   | 10-86   | 10-86   | 10-86   |
| Extruder heating power | 螺杆加热功率 | KW    | 20.2    | 21.6    | 26      | 28      |
| Extruder driving power | 挤出电机功率 | KW    | 37      | 45      | 55      | 75      |

POWER /// 动力

|                            |        |        |       |       |     |         |
|----------------------------|--------|--------|-------|-------|-----|---------|
| Oil pump driving power     | 油泵电机功率 | KW     | 22    | 30    | 37  | 37      |
| Servo drive power          | 伺服电机功率 | KW     | 4     | 4     | 4   | 4       |
| Heating power              | 加热功率   | KW     | -     | -     | -   | -       |
| General assembly power     | 总装机功率  | KW     | 101.2 | 122.6 | 147 | 154、174 |
| Average energy consumption | 平均能耗   | KW     | 42    | 50    | 60  | 75      |
| Air pressure               | 气源压力   | Mpa    | 0.7   | 0.7   | 0.7 | 0.7     |
| Air consumption            | 耗气量    | m³/min | 0.6   | 0.8   | 0.8 | 1.0     |
| Cooling water consumption  | 冷却水消耗量 | m³/min | 0.4   | 0.5   | 0.6 | 0.6     |

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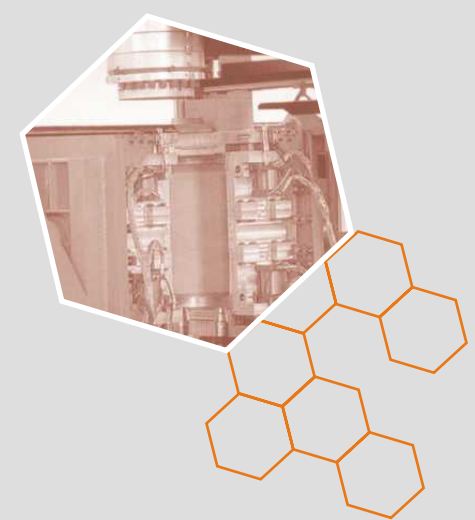
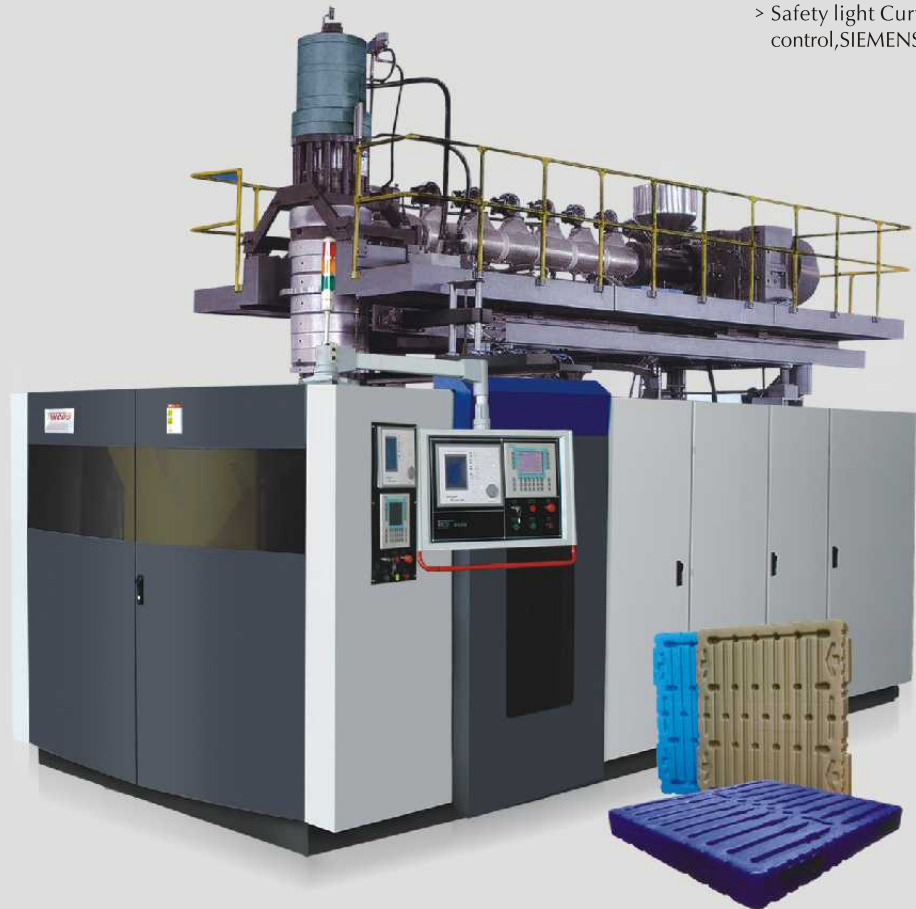


❖ DHB-250A DHB-250B DHB-500 DHB-1000  
Accumulator-head Extrusion Blow Molding Machine  
大型储料式吹塑机



- > 该系列机型含30点或50点型坯厚薄控制及储料式模头，可生产容量160至300公升的高分子化工桶及其他大中型塑料中空制品。
- > 模板的开闭与螺杆平行，机身与模头可上下、前后移动，方便模具的装卸。
- > 安全光栅，中央润滑，精确温控。西门子伺服壁厚控制，中/英文菜单控制；

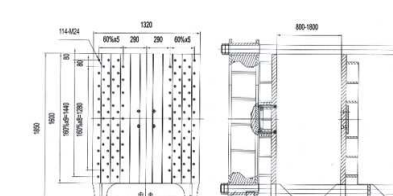
- > These models equipped with accumulator head and one step parison control as standard, suitable for PE drums maximum capacity up to 300L. ex. chemical containers and other large and medium-sized plastic hollow products.
- > Mould platens barrel-opening/closing to the screw, machine body & die-head can move up-and-down/front and back to be change easier
- > Safety light Curtain, centralized lubrication, Precise Temperature control, SIEMENS Servo Parison Control, Chinese/English menu control.



❖ MAIN TECHNICAL FEATURES  
技术参数

|                                |           |             | DHB 250A    | DHB 250B    | DHB-500   | DHB 1000    |
|--------------------------------|-----------|-------------|-------------|-------------|-----------|-------------|
| <b>SPECIFICATIONS /// 基本规格</b> |           | <b>UNIT</b> |             |             |           |             |
| Material                       | 适用原料      | -           | PE、PP...    | PE、PP...    | PE、PP...  | PE、PP...    |
| Max container capacity         | 最大制品容积    | L           | 250         | 300         | 500       | 1250        |
| Number of die                  | 模头数       | set         | 1           | 1           | 1         | 1           |
| Output(dry cycle)              | 生产能力(空循环) | pcs/hr      | 260         | 260         | 200       | 180X6500    |
| Machine dimension(LxWxH)       | 机器外形尺寸    | m           | 7.6X3.0X5.2 | 7.8X3.2X5.5 | 9.8X3.5X5 | 11X4.5X6.5  |
| Total weight                   | 机器重量      | ton         | 40          | 40          | 60        | 95          |
| <b>ACCUMULATOR HEAD /// 模头</b> |           |             |             |             |           |             |
| Accumulator capacity           | 模头储料容积    | L           | 22          | 22          | 42        | 60          |
| Power of die heating           | 模头加热功率    | KW          | 45          | 46          | 55        | 68          |
| Number of die heating          | 模头加热段数    | zone        | 5           | 5           | 5x2       | 5x2         |
| Die diameter                   | 最大口模直径    | mm          | 600         | 600         | 600/750   | 600/850     |
| Injection pressure             | 射料压力      | Mpa         | 8           | 8           | 8         | 8           |
| Max.injection speed            | 最大射料速度    | kg/sec.     | -           | -           | -         | -           |
| <b>CLAMPING UNIT /// 开合模系统</b> |           |             |             |             |           |             |
| Clamping force                 | 锁模力       | KN          | 760         | 880         | 900       | 1800        |
| Platen opening stroke          | 模板间距      | mm          | 700-1800    | 700-1850    | 700-1700  | 1300-2600   |
| Platen size                    | 模板尺寸      | mm          | 1320X1600   | 1360X1900   | 1300X1800 | 1800X2000   |
| Max mould size(WxH)            | 最大模具尺寸    | mm          | 1200X1700   | 1260X1980   | 1000X1500 | 800X2200    |
| Mould thickness                | 模具厚度      | mm          | 705-1000    | 705-1050    | 705-1200  | 1305-1500   |
| <b>EXTRUDER UNIT /// 挤出系统</b>  |           |             |             |             |           |             |
| Screw diameter                 | 螺杆直径      | mm          | 120         | 120         | 110x2     | 120x2       |
| ScrewL/D                       | 螺杆长径比     | L/D         | 30:1        | 30:1-32:1   | 30:1-33:1 | 30:1        |
| Extruding volume               | 挤出量       | Kg/hr       | 300         | 300-400     | 450-550   | 500-600     |
| Screw rotation rate            | 螺杆转速      | r/min       | 6-56        | 10-60       | 10-60     | 10-60       |
| Extruder heating power         | 螺杆加热功率    | KW          | 48          | 36          | 50        | 65          |
| Extruder driving power         | 挤出电机功率    | KW          | 90-132      | 90-132      | 75x2/90x2 | 110x2/132x2 |
| <b>POWER /// 动力</b>            |           |             |             |             |           |             |
| Oil pump driving power         | 油泵电机功率    | KW          | 45          | 45          | 45        | 55          |
| Servo drive power              | 伺服电机功率    | KW          | 11          | 11          | 11        | 11          |
| Heating power                  | 加热功率      | KW          | 82          | 82          | 105       | 133         |
| General assembly power         | 总装机功率     | KW          | 266.5       | 224.5-266.5 | 307-337   | 415-459     |
| Average energy consumption     | 平均能耗      | KW          | 150         | 135         | 200       | 260         |
| Air pressure                   | 气源压力      | Mpa         | 1.0         | 1.0         | 1.0-1.5   | 1.0-1.5     |
| Air consumption                | 耗气量       | m³/min      | 2.0         | 2.0         | 3-4       | 4-5         |
| Cooling water consumption      | 冷却水消耗量    | m³/min      | 1.8         | 1.8         | 3-5       | 4-5         |

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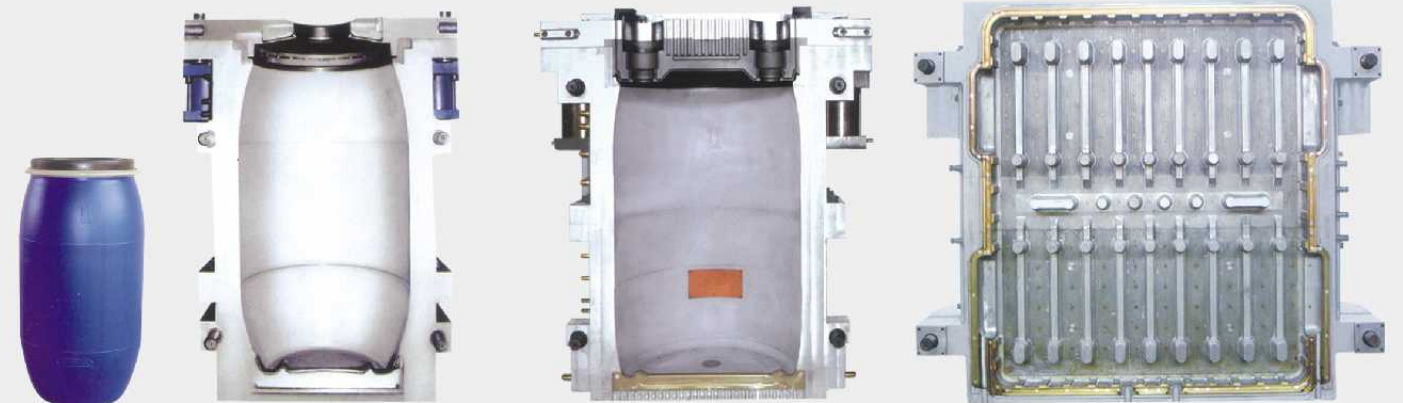
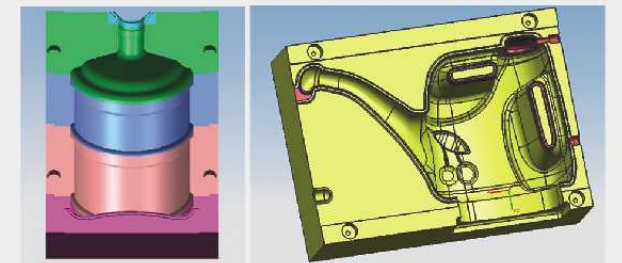
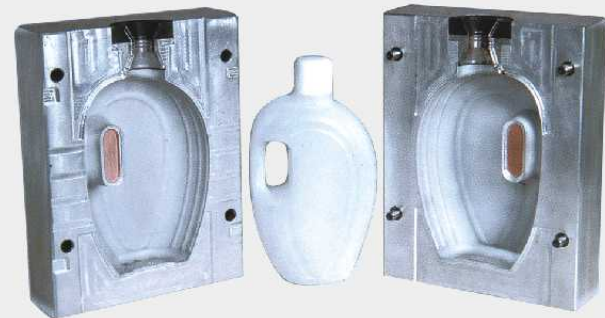
# EXTRUSION BLOWING MOULD 中空吹塑模具



> Designed from well trained engineers, made from imported steels with optimized cooling and the necessary article. Depending parts like die tooling, blow pins and cutting masks make out of the machine a ready production system. Where all components fit for high output rates in excellent quality.

> By experienced engineers, mold design, mold material imported manufactured with excellent cooling effect, but also includes efficient automatic production machine with the necessary accessories, such as inflatable rods, deputy dies, deburring devices.

> 由富有经验的模具工程师设计，采用进口模具材料进行制造，具有优良的冷却效果，还包括了配合机器进行高效全自动生产所必需的附件，如吹气杆，副模，切飞边装置等。









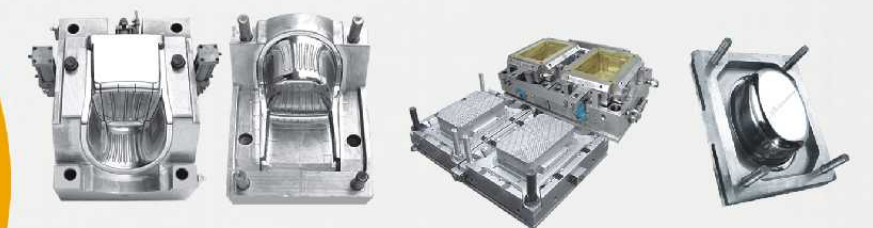


- > Electric control system with simulating stretch testing to improve yield rate.
- > Adopt advanced technique to make each cavity self-lock, and ensure mold concentricity (tolerance less than 0.08mm).
- > The materials of core and cavity are made of mirror corrosion resistance plastic mold steel imported from Sweden and Germany.
- > International standard screw neck, imported nitrided steel with high hardness and long life time.
- > Advanced hot runner system with point to point control system, ensure uniform heating, which brings high-quality preforms.
- > Exceptional cooling system brings high efficiency.
- > Valves gate structure without manual cut tail, reduce the labor force.
- > At least 4 million times life-time guarantee.

- > 瓶坯采用电脑模拟拉伸测试设计，确保吹瓶的成品率。
- > 采用世界先进的二级双锥度定位技术，每腔独立自锁，同心度 $\leq 0.08\text{MM}$ 。
- > 模具型腔、型芯选用瑞典和德国进口镜面耐蚀性塑料模具钢制造，硬度高，使用寿命长。
- > 螺纹口按国际标准制造，选用进口氮化钢，硬度高，使用寿命长。
- > 热流道设计先进，喷嘴单点控温，加热温度均匀，提高了瓶坯质量。
- > 优良的冷却系统实现常温水冷却的高效率，全自动生产。
- > 免剪浇口，保证模具全自动生产，降低工人劳动力。
- > 模具寿命至少400万模次。



Other Injection Mould  
其他注塑模具



> Tincoo expertise at various of injection mold, such as beer box mold, storage box mold and chair mold, besides many household molds.

> 鼎浩同时专业设计制造各种其他类型的注塑模具，比如：周转箱模具，储存箱模具，椅子模具等，还有很多其他的中小型家庭用品模具。



**TWIN LABELER**  
贴标机

> This machine is designed for twin side labeling on flat / oval shape bottles and containers. It can be incorporated together with a production line or operated individually

> 适合各种瓶型不干胶自动贴标用



**AIR COMPRESSOR**  
空压机

> Unloading Start/Stop minimized the weariness of moving parts; increase the working life of compressor and motor.

> 无负荷启动，无负荷停机的控制设计，不仅减少机件间的磨损，马达和皮带的磨损，也大大增加空压机和马达的运转寿命。

**测漏机**  
LEAK-DETECTOR

> This model can be connected to a blow-molding machine offering you a full line production with blowing and leak -detector. The height or width of the machine can be adjusted subject to the size of bottle.

> 于吹塑机连线配合，根据瓶型的大小、高低可调整，使产品成型与侧漏一次性完成。



**Mixer**  
混色机

> Suitable for the colour blending of various plastic materials. Compact-sized, space-saving, easy operation cleaning and moving.

> 适用于各种塑胶的染色搅拌，本机操作容易，体积小，不占空间，清料容易，移动方便。



**WATER CHILLER**  
水冷式冷冻机

> From 3RT to 60RT with high-efficiency, power saving, and the multitude of safety devices, works with cooling tower can provide versatile cooling application for the blow moulding machine and increase the productivity.

> 从3RT至60RT，高效率、省能源、彻底安全防护的设计，再配合散热水塔的使用，为中空成型机的冷却问题提供了最实用的选择，进而提高产能。



**CRUSHER**  
粉碎机

> Fast crushing is possible for any plastic material (e. g. materials of ABS, plastic steel, high/low density, soft or film plastics, bags or cloth, etc.) No sawing is needed for plastics in larger blocks. The direct crushing is guaranteed smooth operations and laborsaving.

> 任何塑料如硬度大的A.B.S塑钢，高低密度塑料或薄膜软料，胶袋胶布皆可快速粉碎，大块塑料也不必锯切细块，可直接粉碎，绝不卡住停车，可省许多工时。



**AUTOLOADER**  
吸料机

> Easy installation and inspection. High efficiency and reliability. Adopt completely the drip-proof enclosed type induction motor and special casting blade with strong suction. The filter is cleaning automatically by the clean-switch device.

> 安装方便，效率高超，成型作业中自动填料，免除搬运的麻烦而不缺料。采用全密闭式诱导马达，吸力特强。过滤器自动清除装置，方便无比。



**COOLING TOWER**  
散热水塔

> The unit is fitted with suction pump, An outstanding design for optimum cooling results.

> 配备有抽水泵浦，独特功能设计，散热效果绝佳。

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