



200升L环桶专机

DEDICATED BLOW MOLDING MACHINE FOR 200L L-RING BARRELS



双层储料机头  
Double-layer accumulator die head

吹塑机的双层导流储料式模头装置  
Double-layer flow-guided accumulator-type die head assembly for blow molding machines



TDB-250F-P (双层单工位)

DOUBLE-LAYER SINGLE-STATION

吹塑机的三层导流储料式模头装置  
Triple-layer flow-guided accumulator-type die head assembly for blow molding machines

三层储料机头  
Triple-layer accumulator die head





外层 Outer layer

中层 Middle layer

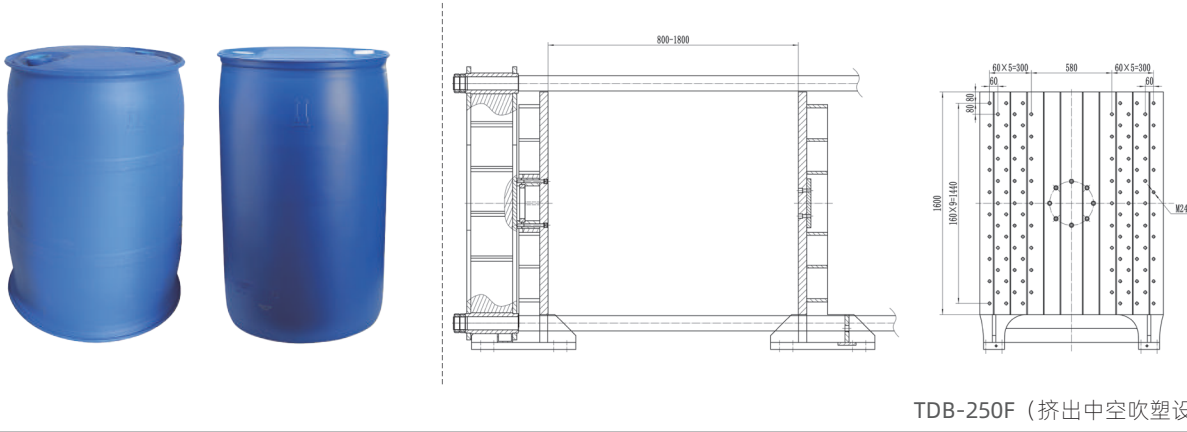
内层 Inner layer

TDB-250F-P3 (三层单工位)

THREE-LAYER SINGLE-STATION

技术参数 TECHNICAL PARAMETER

| 项目/ITEM                             | 单位/UNITS | 机型/MODEL      |                 |                  |
|-------------------------------------|----------|---------------|-----------------|------------------|
| 机型 Model                            |          | TDB-250F (单层) | TDB-250F-P (双层) | TDB-250F-P3 (三层) |
| 基本参数 Specification                  |          |               |                 |                  |
| 工位数 Station                         | /        | 单Single       | 单Single         | 单Single          |
| 制品最大容积 Max. Product Volume          | L        | 250           | 250             | 250              |
| 空循环 Dry Cycle                       | pc/h     | 300           | 300             | 300              |
| HDPE塑料挤出量 Output of HDPE            | kg/h     | 360           | 200×2           | 110×2+200        |
| 机器重量 Weight of Machine              | T        | 35            | 36              | 38               |
| 机器外形尺寸 Size of Machine              | m,L×W×H  | 8.2×3.2×5.5   | 8.2×3.2×5.5     | 8.2×4.3×5.5      |
| 模头 Die Head                         |          |               |                 |                  |
| 最大口模直径 Max. Die Diameter            | mm       | 290           | 290             | 290              |
| 模头加热段数 Die Head Heating Zone        | /        | 7             | 8               | 8                |
| 储料量 Capacity of Accumulator Head    | L        | 22            | 22              | 22               |
| 模头加热功率 Die Head Heating Power       | kW       | 45            | 53              | 53               |
| 开合模系统 Clamping Unit                 |          |               |                 |                  |
| 开合模行程 Platen Distance               | mm       | 800-1800      | 800-1800        | 800-1800         |
| 锁模力 Clamping Force                  | kN       | 740           | 740             | 740              |
| 挤出系统 Extruder Unit                  |          |               |                 |                  |
| 螺杆数目 Screw Number                   | /        | 1             | 2               | 3                |
| 螺杆直径 Screw Diameter                 | mm       | 120           | 90×2            | 70×2+90×1        |
| 螺杆长径比 Screw Length/Diameter Ratio   | /        | 30:1          | 30:1            | 30:1             |
| 螺杆加热功率 Screw Heating Power          | kW       | 38            | 26.5×2          | 14×2+26.5        |
| 螺杆加热区段 No.of Heating Zone (Screw)   | /        | 4             | 4×2             | 4×3              |
| 螺杆电机功率 Screw Motor Power            | kW       | 132           | 75×2            | 37×2+75          |
| 动力系统 Power Unit                     |          |               |                 |                  |
| 油泵电机功率 Hydraulic Pump Driving Power | kW       | 42.5+21+11    | 42.5+21+11      | 42.5+21+11       |
| 装机总功率 Total Power                   | kW       | 289.5         | 330.5           | 332              |
| 备注 Remarks                          |          |               |                 |                  |
| 气体用量 Air Consumption                | m³/min   | 2             | 2               | 2                |
| 吹气压力 Blow Pressure                  | MPa      | 0.6           | 0.6             | 0.6              |
| 冷却水压力 Cooling Water Pressure        | MPa      | 0.3           | 0.3             | 0.3              |
| 用水量 Water Consumption               | L/min    | 300           | 300             | 300              |
| 模具最大尺寸 Max.Size of Mold             | mm,W×H   | 1100×1600     | 1100×1600       | 1100×1600        |
| 制品及模板图 Product & Formwork Drawing   |          |               |                 |                  |



TDB-250F（挤出中空吹塑设备）

\*备注：以上参数仅供参考，可根据客户需求量身定制。  
Note: The parameters above are just for reference, which can be designed by your requirements.



吨桶专机

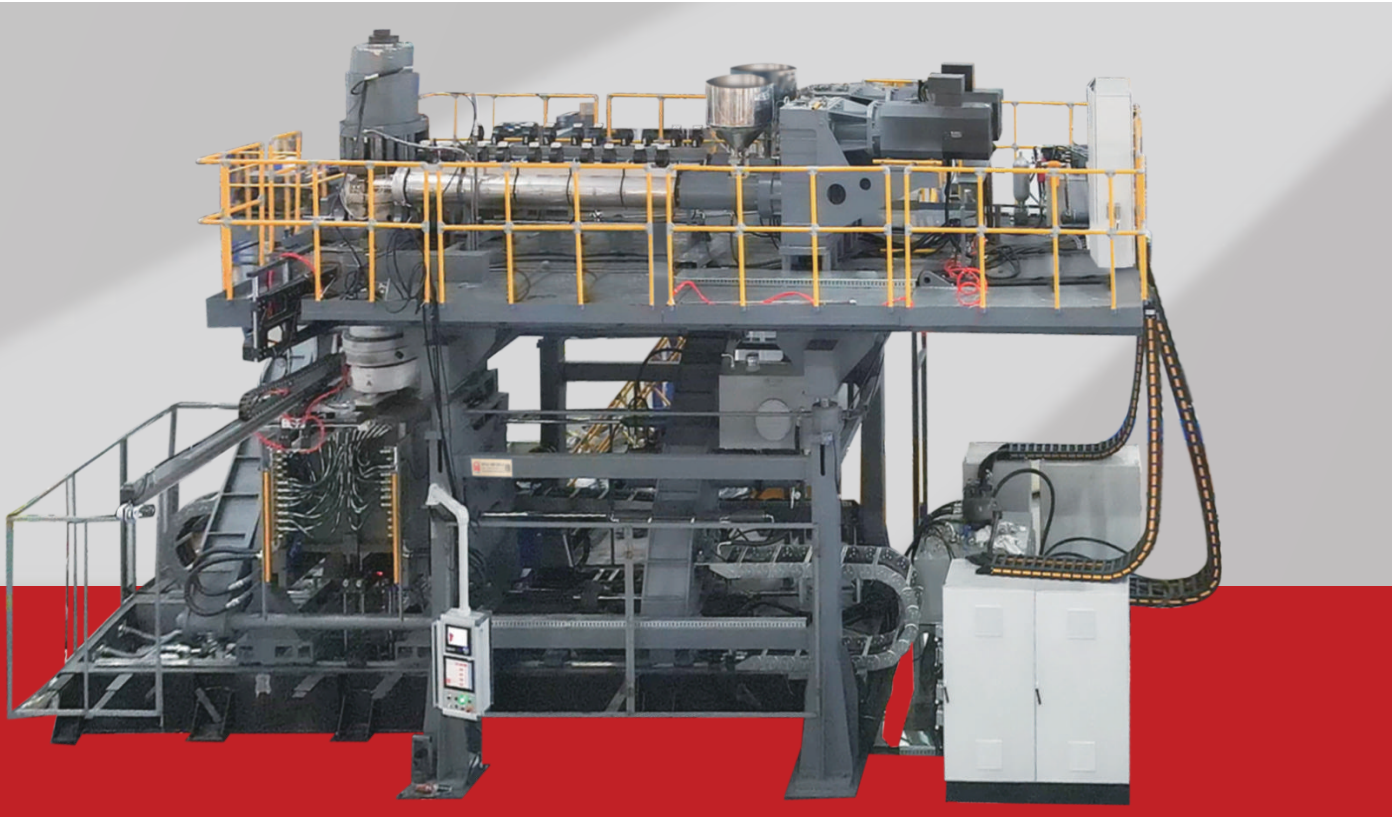
IBC DEDICATED BLOW MOLDING MACHINE

性能和优点

- 三板两拉杆+双油缸设计，快速开合与大吨位锁模兼顾，取件便捷；
- 伺服电机配内啮合齿轮轮/高压叶片双泵，高低压精准匹配，省电高效两全；
- 一千升容积,2-3秒快速排空，缩短成型周期。

PERFORMANCE AND ADVANTAGES

- 3-plate dual-tie-bar + dual-cylinder design: Rapid mold action + high-tonnage clamping with easy part removal;
- Servo + gear/vane dual-pump system for precise pressure matching, ensuring efficiency;
- 1000-Liter capacity, rapid venting in 2-3 seconds to reduce cycle time.



TDB-1200A（挤出中空吹塑设备）

ACCUMULATOR EXTRUSION BLOW MOLDING MACHINE



模头系统  
Extruder Die System



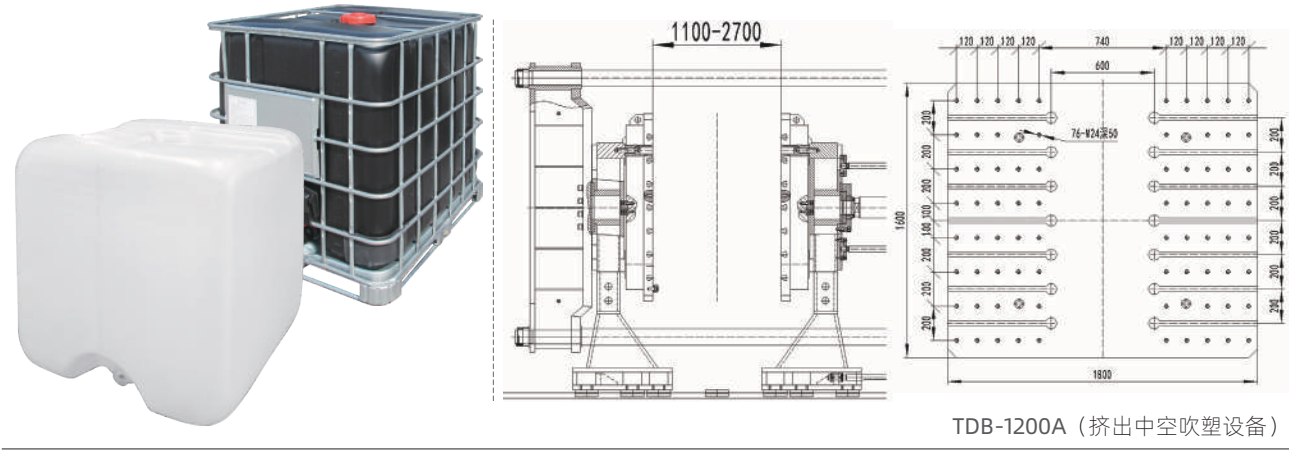
开合模  
Mold Clamping Mechanism



塑化系统  
Plasticizing System

技术参数 TECHNICAL PARAMETER

| 项目/ITEM                             | 单位/UNITS | 机型/MODEL                              |                                       |
|-------------------------------------|----------|---------------------------------------|---------------------------------------|
| 机型 Model                            |          | TDB-1200A-P（双层）                       | TDB-1200A-P3（三层）                      |
| 基本参数 Specification                  |          |                                       |                                       |
| 制品最大容积 Max. Product Volume          | L        | 1200L                                 | 1200L                                 |
| 空循环 Dry Cycle                       | pc/h     | 80                                    | 80                                    |
| HDPE塑料挤出量 Output of HDPE            | kg/h     | 720                                   | 750                                   |
| 机器重量 Weight of Machine              | kg       | 68000                                 | 72000                                 |
| 机器外形尺寸 Size of Machine              | m,L×W×H  | 13×6.8×7                              | 13×6.8×7                              |
| 模头 Die Head                         |          |                                       |                                       |
| 最大口模直径 Max. Die Diameter            | mm       | 700                                   | 700                                   |
| 模头加热段数 Die Head Heating Zone        | /        | 10                                    | 14                                    |
| 储料量 Capacity of Accumulator Head    | L        | 45                                    | 50                                    |
| 模头加热功率 Die Head Heating Power       | kW       | 110                                   | 116                                   |
| 开合模系统 Clamping Unit                 |          |                                       |                                       |
| 开合模行程 Platen Distance               | mm       | 1100-2700                             | 1100-2700                             |
| 锁模力 Clamping Force                  | kN       | 1500                                  | 1500                                  |
| 挤出系统 Extruder Unit                  |          |                                       |                                       |
| 螺杆直径 Screw Diameter                 | mm       | 120×2                                 | 120+90×2                              |
| 螺杆长径比 Screw Length/Diameter Ratio   | /        | 32:1                                  | 32:1, 30:1                            |
| 螺杆加热功率 Screw Heating Power          | kW       | 50×2                                  | 50+22.4×2                             |
| 螺杆加热区段 No.of Heating Zone (Screw)   | /        | 5×2                                   | 5+4×2                                 |
| 螺杆电机功率 Screw Motor Power            | kW       | 132×2                                 | 132+75×2                              |
| 动力系统 Power Unit                     |          |                                       |                                       |
| 油泵电机功率 Hydraulic Pump Driving Power | kW       | 42.5kW+21kW+5.5kW+11kW<br>(壁厚Parison) | 42.5kW+21kW+5.5kW+11kW<br>(壁厚Parison) |
| 装机总功率 Total Power                   | kW       | 554                                   | 573                                   |
| 备注 Remarks                          |          |                                       |                                       |
| 气体用量 Air Consumption                | m3/min   | 6                                     | 6                                     |
| 吹气压力 Blow Pressure                  | Mpa      | 0.6                                   | 0.6                                   |
| 冷却水压力 Cooling Water Pressure        | Mpa      | 0.4                                   | 0.4                                   |
| 用水量 Water Consumption               | L/min    | 400                                   | 400                                   |
| 制品及模板图 Product & Formwork Drawing   |          |                                       |                                       |



TDB-1200A（挤出中空吹塑设备）

\*备注：以上参数仅供参考，可根据客户需求量身定制。  
Note: The parameters above are just for reference, which can be designed by your requirements.