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TONGDA MACHINERY



中空吹塑设备解决方案 同大机械一站式智造

TONGDA MACHINERY — PROVIDES ONE-STOP INTELLIGENT
MANUFACTURING SOLUTION FOR PLASTIC EXTRUSION BLOW MOULDING MACHINE



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本产品手册仅供参考之用，一切以实物及产品说明为准，同大产品均有各项国家专利，盗版必究。
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TONGDA
同大机械



GROWING WITH PARTNERS

同心合力 一起壮大

我们始终坚持以客户为中心，秉持真诚，时刻关注客户的需求
以强大的技术力量团队，根据不同客户的具体要求提供切实可行的技术方案
成就客户，为客户持续创造价值

We always adhere to customer-centric, sincerity and attend to customer needs at all times
With a strong technical team, provide practical technical solutions according
to the specific requirements of different customers
Dedication to every client's success, create value continuously for customers



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ABOUT TONGDA MACHINERY

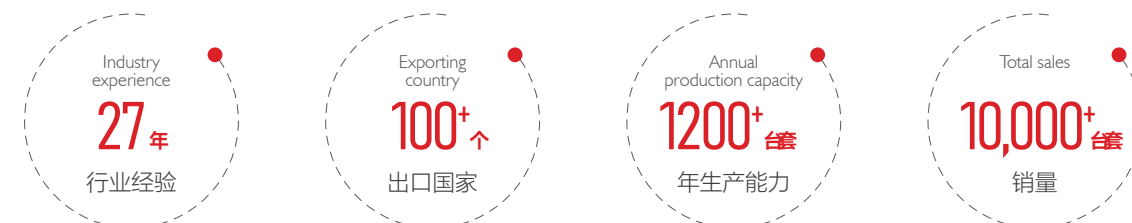
关于同大机械

苏州同大机械股份有限公司，始创于1999年，是一家以塑料中空成型设备为核心的整厂智能制造解决方案提供商。公司连续十五年被评为塑料机械挤出吹塑中空成型装备行业前三强，是中国塑料机械工业协会监事长单位、国家级专精特新“小巨人”企业。

公司现有三个生产基地，总占地面积约10万平方米，年生产能力超1200台套。公司产品在技术创新、研发智造等方面具有明显的优势，截至2025年，公司起草6项国家标准、1项行业标准和1项团体标准，拥有90余项国家专利。

27年来，同大机械已为全球100多个国家和地区提供了10,000多台(套)各种规格的挤吹中空成型设备，主要应用于化工、日化、汽车、植保、食品包装、户外休闲、医疗、物流仓储、光伏、校具、交通设施等主要行业。截至2025年，我司在全球已建立完善的销售服务网络——海外27家，国内14家销售服务中心，为当地客户提供7*24小时专业服务，让同大客户买得放心，用得舒心。

同大机械将秉承“同心合力、一起壮大”的企业司训，致力于持续为全球客户提供定制化产品与服务，共同创造价值。



Suzhou Tongda Machinery Co., Ltd. founded in 1999, is a whole plant intelligent manufacturing solutions provider in blow moulding machinery field. We have been rated as the top three plastic machinery extrusion blow molding equipment industry for 15 consecutive years. We are the vice president unit of China Plastic Machinery industry Association and the national specialized special new "little giant" enterprise.

Till 2025, we have three manufacturing plants, with a total area of more than 100,000 square meters and an annual production capacity of above 1200 sets. The company's products hold distinct advantages in technological innovation, R&D, and intelligent manufacturing. As of 2025, the company has drafted 6 national standards, 1 industry standard, and 1 association standard, and possesses over 90 national patents.

During the past 27 years, we have provided over 10,000 sets of various specifications of extrusion blown hollow forming equipments to over 100 countries and regions worldwide, which are mainly used in chemical industry, daily chemical industry, automobile, crop protection, food packaging, outdoor leisure, medical industry, logistics warehousing industry, photovoltaic industry, transportation facilities and other major industries. Till 2025, we have established a comprehensive sales and service network across the world —27 overseas and 14 domestic sales and service centers, which provide 7*24 hours professional service to local customers.

With value "Growing with partners", we dedicate to provide customized products and services for global customers, and create a better future together.

HISTORY

同大机械发展

百年同大
CENTENINAL TONGDA
环抱全球
EMBRACE THE WHOLE WORLD



CULTURE

同大机械文化



司训 MOTTO

同心合力、一起壮大
Growing With Partners



使命 MISSION

以科技创新为驱动力、为客户创造价值、为员工创造机会、为社会创造财富
Driven by technological innovation, creating value for customers, creating opportunities for employees, and creating wealth for society



企业愿景 VISION

创建常青基业，成就挤出中空领域的领航者
Build an everlasting foundation and become a leader in the field of extrusion blow molding



价值观 VALUE

成就客户、诚信正直、求真创新、持续进步
Achieve customers, integrity, truth-seeking, innovation and continuous progress



HONOR

同大机械荣誉

25项软件著作权

72项国家发明专利

1项德国发明专利（完全自主产权）

26项实用新型专利

2项中国专利优秀奖

3项中国机械工业科学技术奖

25 Software Copyrights

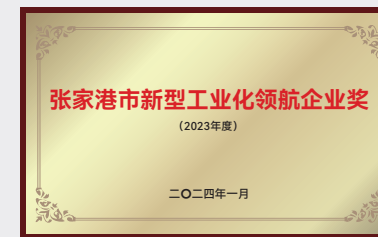
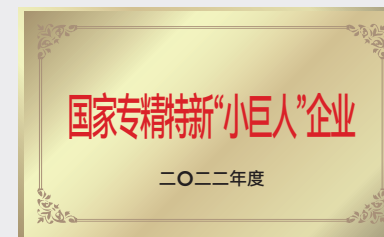
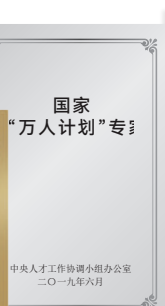
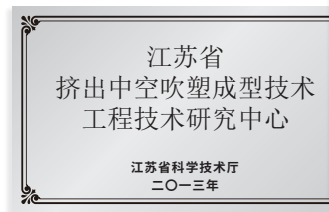
72 National Invention Patents (China)

1 German Invention Patent (with full proprietary rights)

26 Utility Model Patents

2 China Outstanding Patent Awards

3 China Machinery Industry Science and Technology Awards



PROCESSING

同大机械加工

BUILD AN EXPLORER IN MECHANICAL
EQUIPMENT INDUSTRY

同大机械创立27年来，始终坚持“质量是企业立足之本”，专注于塑料中空成型技术领域，严把加工过程的每一道关口，力求以一流质量的产品应对激烈的市场竞争，为客户共同创造价值。

同大凭借精密的设备制造工艺、创新技术、严格的质量管控流程，确保设备质量。



During the past 27 years, Tongda Machinery has always adhered to the principle of "quality is the foundation of the enterprise", focusing on the field of plastic hollow forming technology, strictly controlling every step of the processing process, and striving to respond to fierce market competition with first-class quality products, creating value for customers together.

Tongda ensures product quality with its precision machine manufacturing process, innovative technology, and strict quality control process.



全球化
Globalization



数字化
Digitalization



绿色化
Green Transition



日用品
DAILY NECESSITIES医疗
MEDICAL家具
FURNITURE汽配
AUTO PARTS食品包装
FOOD PACKAGING

应用领域 APPLICATION AREAS

凭借卓越性能与广泛适用性，同大机械设备已成功应用于日化、食品包装、化工、汽车零部件、光伏半导体、医疗、交通运输和物流等众多行业，深受客户信赖。

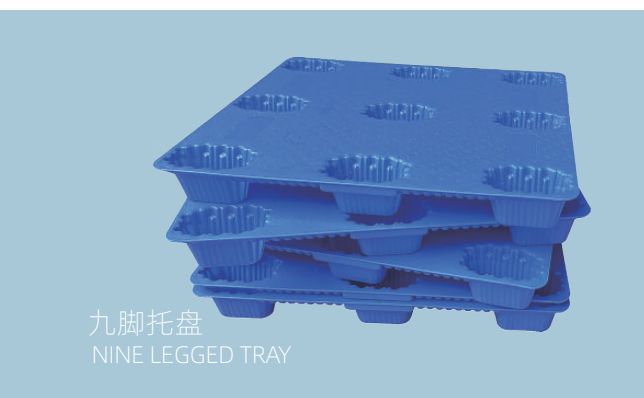
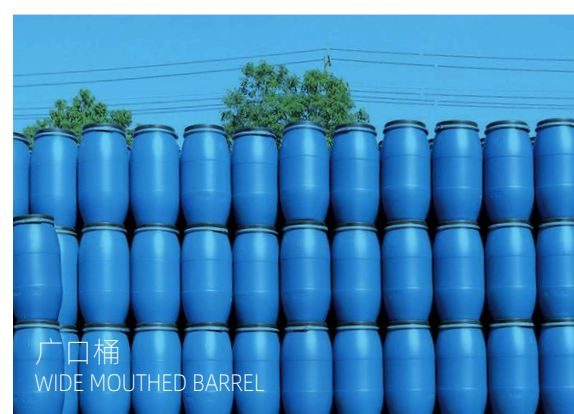
我们始终以客户为中心，我们提供从方案设计到高效交付的一站式服务，确保为不同行业客户精准定制高品质、高可靠性的解决方案。

Tongda Machinery excels in performance and versatility, serving diverse industries including daily chemicals, food packaging, chemicals, automotive parts, photovoltaic & semiconductor, medical, transportation, and logistics.

Our customer-centric approach delivers end-to-end solutions from conceptual design through efficient delivery, ensuring high-quality, reliable solutions customized to specific industry requirements.

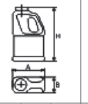
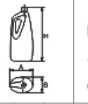
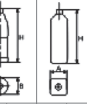
其他
OTHER

- 电子 -ELECTRONIC
- 物流 -LOGISTICS
- 建材 -BUILDING MATERIALS
- 光学 -OPTICS
- IBC桶 -IBC BARREL

九脚托盘
NINE LEGGED TRAY玩具
TOYS广口桶
WIDE MOUTHED BARREL机油罐
ENGINE OIL BOTTLE化工
CHEMICAL INDUSTRY



2L 挤出中空吹塑设备
EXTRUSION BLOW MOLDING MACHINE

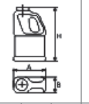
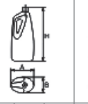
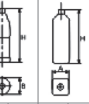
HT-2L & HTII-2L产品及模板尺寸 (mm)										
No. of cavity	Center distance									
		A	B	H	A	B	H	Φ	H	
		155	90	220	155	90	220	100	220	100 220
	130	95	95	220	95	95	220	95	220	95 220
	85				65	65	220	65	220	65 220
	60/65				50	50	120	50	120	50 120



HT-2L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS II-2L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

HTS-2L & HTSII-2L产品及模板尺寸 (mm)										
No. of cavity	Center distance									
		A	B	H	A	B	H	Φ	H	
		155	90	220	155	90	220	100	220	100 220
	130	95	95	220	95	95	220	95	220	95 220
	85				65	65	220	65	220	65 220
	60/65				50	50	120	50	120	50 120



HTS-开合模
HTS-Platen



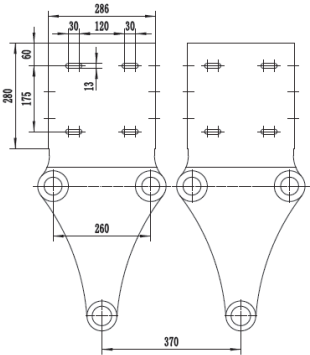
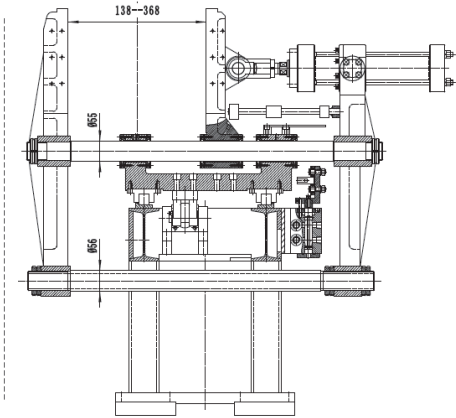
HT & HTS-三模头
HT & HTS-Triple Die Head



HT & HTS-电气系统
HT & HTS-Electrical System

技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HT-2L	HT II-2L	HTS-2L	HTS II-2L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	2	2	2	2
空循环 Dry Cycle	pc/h	900	900×2	900	900×2
HDPE塑料挤出量 Output of HDPE	kg/h	50	60	50	60
机器重量 Weight of Machine	T	3.3	3.9	4	6
机器外形尺寸 Size of Machine	m,L×W×H	3.1×1.6×2.4	3.3×2.2×2.6	3.3×2.1×2.6	3.5×2.2×2.6
模头Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	108	108	108	108
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	5.2	5.2	5.2	5.2
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	3	3	3	3
双模头中心距 Central Distance of Double-head	mm	130	130	130	130
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	72	72	72	72
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	7	7	7	7
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	5	5	5	5
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	138-368	138-368	138-368	138-368
移模行程 Mold Moving Stroke	mm	320	370	370	370
锁模力 Clamping Force	kN	44	44	44	44
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	50	60	50	60
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	6.8	11.2	6.8	11.2
螺杆加热区段 No.of Heating Zone (Screw)	/	3	3	3	3
螺杆电机功率 Screw Motor Power	kW	11	15	11	15/22
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	7.5	7.5	7.5	7.5
装机总功率 Total Power	kW	30.5	39	30.5	39
备注 Remarks					
气体用量 Air Consumption	m ³ /min	0.4	0.4	0.4	0.4
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
用水量 Water Consumption	L/min	35	35	35	35
模具最大尺寸 Max.Size of Mold	mm,W×H	310×320	360×320	360×320	360×320
制品及模板图 Product & Formwork Drawing					



HTS II-2L (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.



2L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE



HSE-2L (挤出中空吹塑设备)

FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

HSII-2L (挤出中空吹塑设备)

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HSE-挤料驱动单元

HSE-Extrusion Drive Unit



HSE-开合模驱动单元

HSE-Mold Drive Unit

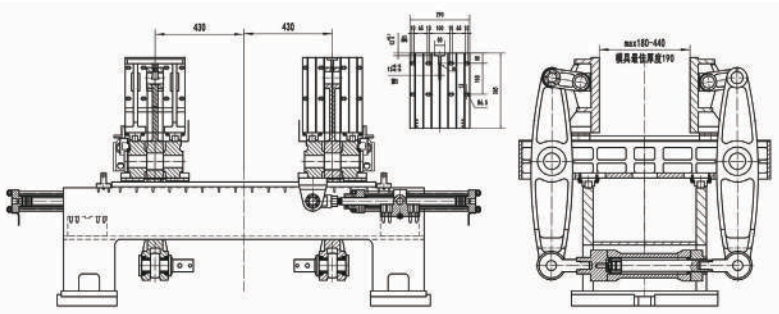


HSE-壁厚驱动单元

HSE-Wall Thickness Drive Unit

技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HS-2L	HS II -2L	HSE-2L	HSE II -2L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	2	2	2	2
空循环 Dry Cycle	pc/h	900	900×2	1500	1900
HDPE塑料挤出力 Output of HDPE	kg/h	50	60	50	60
机器重量 Weight of Machine	T	8	12	9	14
机器外形尺寸 Size of Machine	m,L×W×H	4.3×2.5×2.8	4.8×2.7×3.0	4.6×2.2×3.3	5.0×2.6×3.3
模头Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	108	108	108	108
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	6	6	6	6
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	4	4	4	4
双模头中心距 Central Distance of Double-head	mm	130	130	130	130
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	72	72	72	72
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	7	7	7	7
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	5	5	5	5
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	180-440	180-440	180-440	180-440
移模行程 Mold Moving Stroke	mm	430	430	450	450
锁模力 Clamping Force	kN	70	70	100	100
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	50	60	50	60
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	6.8	11.2	6.8	11.2
螺杆加热区段 No.of Heating Zone (Screw)	/	3	3	3	3
螺杆电机功率 Screw Motor Power	kW	11	15	11	15
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	12.5+4	12.5+4	/	/
装机总功率 Total Power	kW	40.3	48.7	42.35	65
备注 Remarks					
气体用量 Air Consumption	m ³ /min	0.8	1	≥1.2	≥2.4
吹气压力 Blow Pressure	MPa	≥0.6	≥0.6	≥0.8	≥0.8
冷却水压力 Cooling Water Pressure	MPa	≥0.4	≥0.4	≥0.4	≥0.4
用水量 Water Consumption	L/min	80	100	150	180
模具最大尺寸 Max.Size of Mold	mm,W×H	420×320	420×320	440×320	440×320
制品及模板图 Product & Formwork Drawing					



HS II -2L (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.

10mL-1L

多模头挤出中空吹塑设备

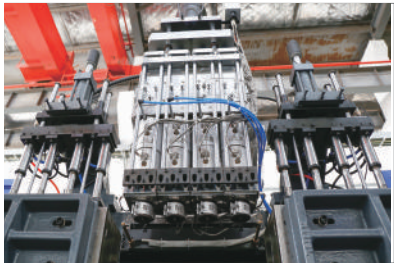
EXTRUSION BLOW MOLDING MACHINE

HTII-3L（挤出中空吹塑设备）

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HT-六模头
HT-Triple Die Head

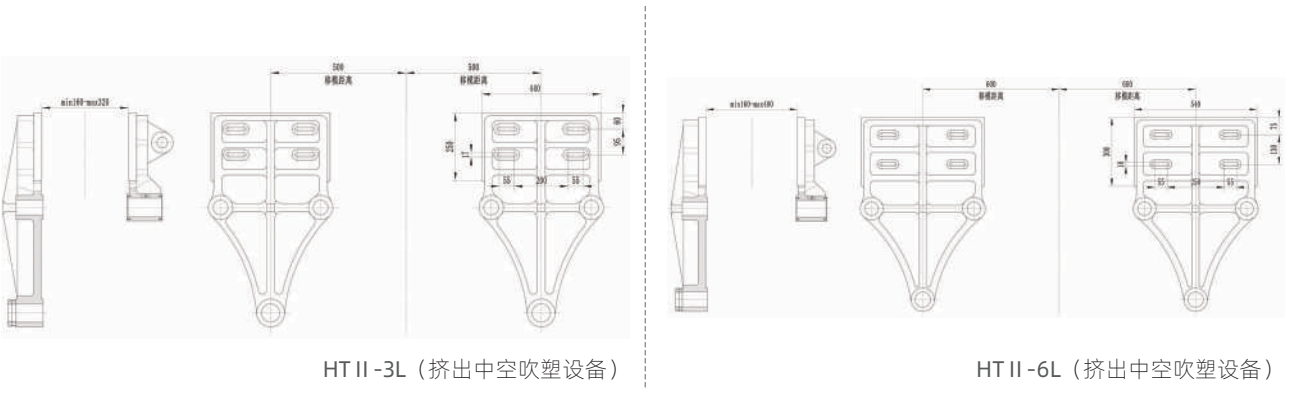


HT-吹针系统
HT-Blow Pin System

HTII-3L/6(4) 产品及模板尺寸 (mm)											
No. of cavity	Center distance									A	H
		A	B	A	B	A	B	A	B		
		230	140	300	230	140	300	140	300		
	160 (180)	140	80	200	150	80	200	140	200	140	200
	110				85	85	220	85	220	85	220
	80 (90)							70	200	70	200

技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HT II -3L/6	HT II -3L/4	HT II -6L/6	HT II -6L/4
基本参数 Specification					
工位数 Station	/	双Double	双Double	双Double	双Double
制品最大容积 Max. Product Volume	L	0.35	0.6	0.6	1
空循环 Dry Cycle	pc/h	800×2	800×2	700×2	700×2
HDPE塑料挤出力 Output of HDPE	kg/h	85	85	110	110
机器重量 Weight of Machine	T	7	7	8	8
机器外形尺寸 Size of Machine	m,L×W×H	3.8×2.7×2.5	3.8×2.7×2.5	4.2×3.2×2.7	4.2×3.2×2.7
模头 Die Head					
模头中心距 Central Distance of Double-head	mm	70	100	90	130
最大口模直径 Max. Die Diameter	mm	25	25	25	35
模头加热功率 Die Head Heating Power	kW	13.5	12	16	20.5
模头加热段数 Die Head Heating Zone	/	13	10	14	10
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	160-320	160-320	160-400	160-400
移模行程 Mold Moving Stroke	mm	500	500	600	600
锁模力 Clamping Force	kN	70	70	110	110
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	70	70	80	80
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	13.2	13.2	19	19
螺杆加热区段 No.of Heating Zone (Screw)	/	3	3	4	4
螺杆电机功率 Screw Motor Power	/	22	22	30	30
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	11	11	15	15
装机总功率 Total Power	kW	60	60	78	78
备注 Remarks					
气体用量 Air Consumption	m³/min	0.8	0.8	0.8	0.8
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
用水量 Water Consumption	L/min	80	80	80	80
模具最大尺寸 Max.Size of Mold	mm,W×H	490×250	490×250	590×300	590×300
模板图 Formwork Drawing					



*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.

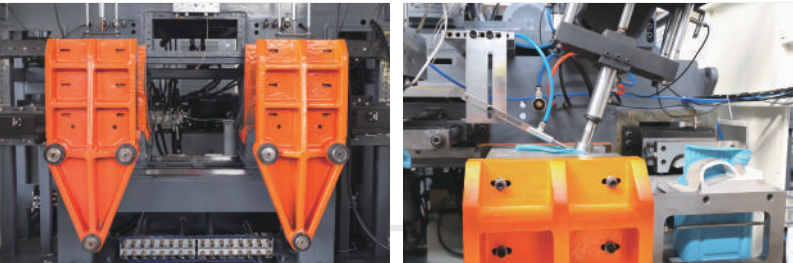
5L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE



HT -5L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

HTS-5L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



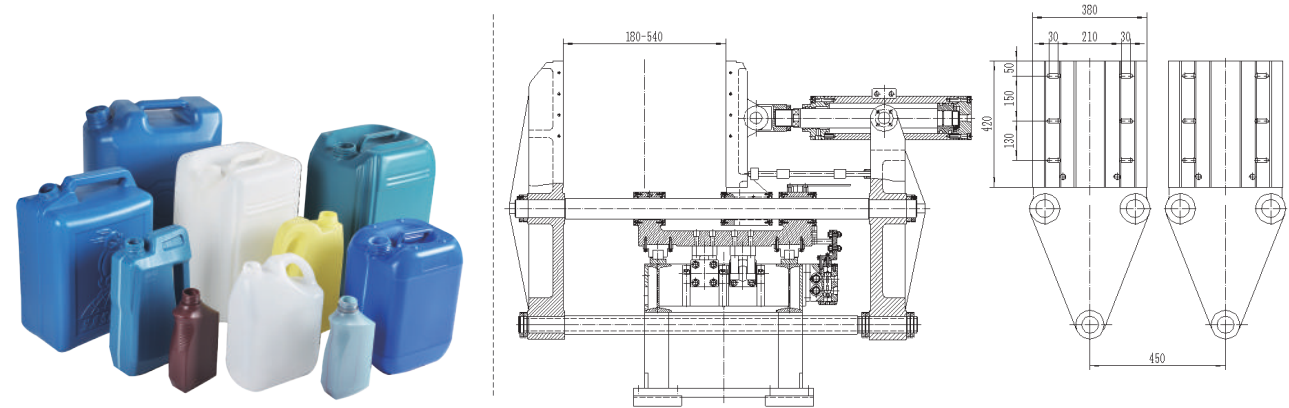
HTS-开合模
HTS-Platen

HTS-斜口瓶吹针
HTS-Beveled Blow Pin

HTS-5L & HTSII-5L产品及模板尺寸 (mm)											
No. of cavity	Center distance										
		A	B	H	A	B	H	Φ	H	A	
		230	140	300	230	140	300	140	300	140	300
	160 (180)	140	80	200	150	80	200	140	200	140	200
	110				85	85	220	85	220	85	220
	80 (90)							70	200	70	200

技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HT-5L	HT II -5L	HTS-5L	HTS II -5L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	5	5	5	5
空循环 Dry Cycle	pc/h	700	700×2	700	700×2
HDPE塑料挤出量 Output of HDPE	kg/h	60	85	85	110
机器重量 Weight of Machine	T	4	5.5	6	8
机器外形尺寸 Size of Machine	m,L×W×H	3.6×2.1×2.6	3.9×2.3×2.7	3.7×2.2×2.6	4.1×2.6×2.9
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	145	145	145	145
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	7.6	7.6	7.6	7.6
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	4	4	4	4
双模头中心距 Central Distance of Double-head	mm	160/180	160/180	160/180	160/180
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	108	108	108	108
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	10.7	10.7	10.7	10.7
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	5	5	5	5
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	180-540	180-540	180-540	180-540
移模行程 Mold Moving Stroke	mm	400	400	450	450
锁模力 Clamping Force	kN	70	70	110	110
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	60	70	70	80
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	11	13.2	13.2	19
螺杆加热区段 No.of Heating Zone (Screw)	/	3	3	3	4
螺杆电机功率 Screw Motor Power	/	15	22	22	30
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	11	11	15	15
装机总功率 Total Power	kW	44.8	53.8	57.8	71.6
备注 Remarks					
气体用量 Air Consumption	m³/min	0.4	0.6	0.4	0.6
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
用水量 Water Consumption	L/min	50	70	80	100
模具最大尺寸 Max.Size of Mold	mm,W×H	390×390	390×390	440×420	440×420
制品及模板图 Product & Formwork Drawing					



HTS II -5L (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.



5L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE



HSE II -5L (挤出中空吹塑设备)

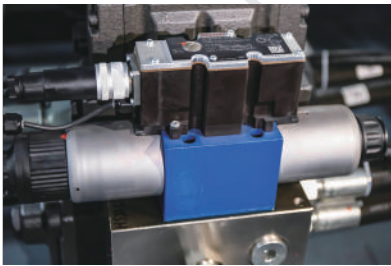
FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

HSII-5L产品及模板尺寸 (mm)										
No. of cavity	Center distance									
		A	B	H	A	B	H	Φ	H	
		230	140	300	230	140	300	140	300	140
	160 (180)	140	80	200	150	80	200	140	200	140
	110 (120)				85	85	220	85	220	85
	80 (90)							70	200	70



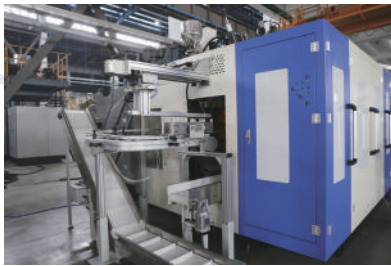
HS II -5L (挤出中空吹塑设备)

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



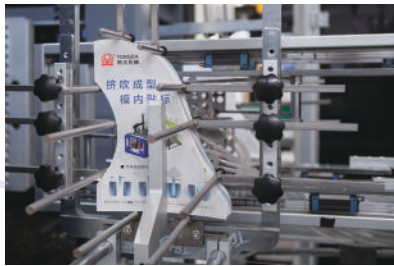
HS-液压阀

HS-Proportional Valve



HS-废料回收系统

HS-Waste Material Recycling System

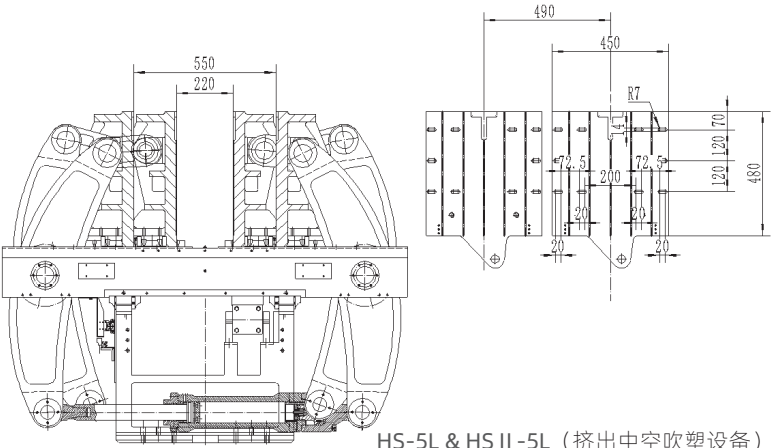


HS-模内贴标

HS-In Mould Labeling

技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HS-5L	HS II -5L	HSE-5L	HSE II -5L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	5	5	5	5
空循环 Dry Cycle	pc/h	900	900×2	1300	1600
HDPE塑料挤出量 Output of HDPE	kg/h	85	110	85	130
机器重量 Weight of Machine	T	10	13	10	22
机器外形尺寸 Size of Machine	m,L×W×H	5.2×2.5×3.2	5.2×2.7×3.3	4.6×2.6×3.5	7.1×4×4.5
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	145	145	145	145
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	7.6	7.6	9	9
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	4	4	5	5
双模头中心距 Central Distance of Double-head	mm	160/180	160/180	180/200	180/200
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	108	108	110	110
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	12	12	14	14
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	5	5	11	11
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	220-550	220-550	300-660	300-660
移模行程 Mold Moving Stroke	mm	490	490	550	550
锁模力 Clamping Force	kN	158	158	158	158
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	70	80	70	90
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	13.2	19	13.2	17.4
螺杆加热区段 No.of Heating Zone (Screw)	/	3	4	3	4
螺杆电机功率 Screw Motor Power	/	22	30	22	37
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	17+4	17+4	/	/
装机总功率 Total Power	kW	63.5	80	66.25	106.9
备注 Remarks					
气体用量 Air Consumption	m ³ /min	1	1.2	≥1.6	≥3.2
吹气压力 Blow Pressure	MPa	≥0.6	≥0.6	≥0.8	≥0.8
冷却水压力 Cooling Water Pressure	MPa	≥0.4	≥0.4	≥0.4	≥0.4
用水量 Water Consumption	L/min	100	120	200	370
模具最大尺寸 Max.Size of Mold	mm,W×H	480×450	480×450	540×430	540×430
制品及模板图 Product & Formwork Drawing					



HS-5L & HS II -5L (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.



12L 挤出中空吹塑设备
EXTRUSION BLOW MOLDING MACHINE

HT-12L & HTII-12L产品及模板尺寸（mm）										
No. of cavity	Center distance									
		A	B	A	B	H	Φ	H	A	H
		250	180	300	250	180	300	240	300	300
	240 260	210	110	250	210	110	250	180	250	180
	160				130	90	220	120	220	120
	120							90	200	90



HT-12L（挤出中空吹塑设备）
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS II -12L（挤出中空吹塑设备）
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

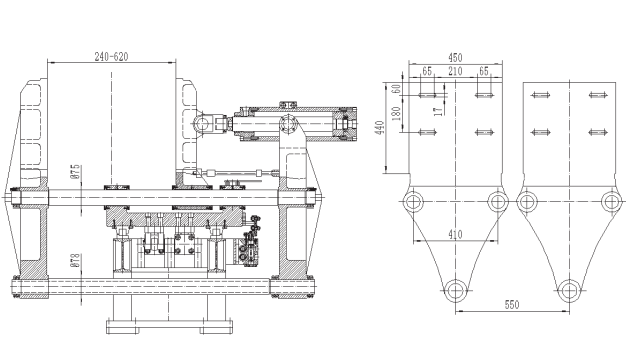


- 新料层 New material
- 回料层 Recycled material
- 粘合层 Adhesive
- 阻隔层 Barrier

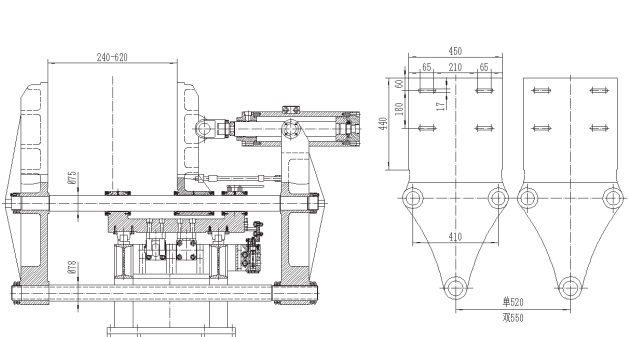


技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HT-12L	HT II -12L	HTS-12L	HTS II -12L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	12	12	12	12
空循环 Dry Cycle	pc/h	700	700×2	700	700×2
HDPE塑料挤出力 Output of HDPE	kg/h	85/110	130	110	130
机器重量 Weight of Machine	T	7	9	8	12
机器外形尺寸 Size of Machine	m,L×W×H	4.2×2.2×3.1	4.5×3.0×3.2	4.2×2.3×3.1	4.3×3.0×3.2
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	220	220	220	220
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	9.1	9.1	9.1	9.1
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	3	3	3	3
双模头中心距 Central Distance of Double-head	mm	240/260	240/260	240/260	240/260
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	120	120	120	120
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	15	15	15	15
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	7	7	7	7
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	240-620	240-620	240-620	240-620
移模行程 Mold Moving Stroke	mm	520	550	550	550
锁模力 Clamping Force	kN	110	110	158	158
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	70/80	90	80	90
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	13.2/19	17.4	19	17.4
螺杆加热区段 No.of Heating Zone (Screw)	/	3/4	4	4	4
螺杆电机功率 Screw Motor Power	kW	22/30	37	30	37
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	15	15	15	15
装机总功率 Total Power	kW	59.3/73.1	78.5	73.1	78.5
备注 Remarks					
气体用量 Air Consumption	m³/min	0.5	0.7	0.6	0.8
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
用水量 Water Consumption	L/min	100	120	100	120
模具最大尺寸 Max.Size of Mold	mm,W×H	510×500	540×500	540×500	540×500
模板图 Formwork Drawing					



HTS II -12L（挤出中空吹塑设备）



HT-12L（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.



12L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE



HSE II -12L (挤出中空吹塑设备)

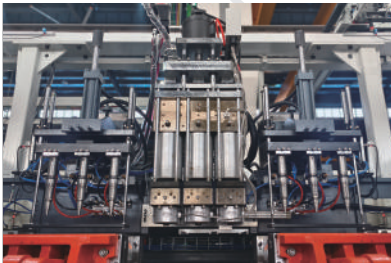
FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

HSII-12L产品及模板尺寸 (mm)											
No. of cavity	Center distance										
		A	B	A	B						
		250	180	300	250	180	300	240	300	240	300
	240 260	210	110	250	210	110	250	180	250	180	250
	160				130	90	220	120	220	120	220
	120							90	200	90	200



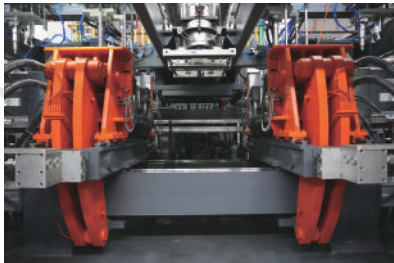
HS II -12L (挤出中空吹塑设备)

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-模头系统

HS-Extrusion Die System



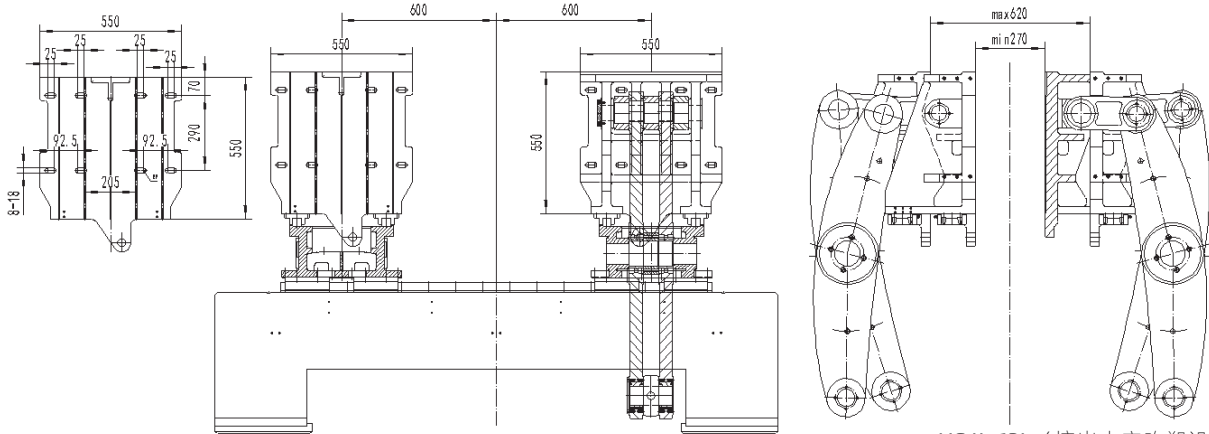
HS-开合模

HS-Toggle Arm



技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HS-12L	HS II -12L	HSE-12L	HSE II -12L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	12	12	12	12
空循环 Dry Cycle	pc/h	700	700×2	1000	1200
HDPE塑料挤出量 Output of HDPE	kg/h	110/130	160	110	160
机器重量 Weight of Machine	T	15	18	15	24
机器外形尺寸 Size of Machine	m,L×W×H	5.5×2.7×3.3	5.5×3.1×3.4	6.2×2.8×3.8	7.5×3.8×4.5
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	220	220	220	220
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	8	9.1	12	12
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	3	3	6	6
双模头中心距 Central Distance of Double-head	mm	240/260	240/260	240/260	240/260
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	140	140	140	140
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	15	15	20	20
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	7	7	11	11
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	270-620	270-620	360-780	360-780
移模行程 Mold Moving Stroke	mm	600	600	650	650
锁模力 Clamping Force	kN	220	220	260	260
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	80/90	100	80	100
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	19/17.4	21	19	21
螺杆加热区段 No.of Heating Zone (Screw)	/	4	4	4	4
螺杆电机功率 Screw Motor Power	/	30/37	45	30	45
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	17+4	17+4	/	/
装机总功率 Total Power	kW	86/93	96.1	90.25	132.7
备注 Remarks					
气体用量 Air Consumption	m ³ /min	1.2	1.6	≥2	≥3.5
吹气压力 Blow Pressure	MPa	0.6	0.6	≥0.8	≥0.8
冷却水压力 Cooling Water Pressure	MPa	≥0.4	≥0.4	≥0.4	≥0.4
用水量 Water Consumption	L/min	120	150	250	370
模具最大尺寸 Max.Size of Mold	mm,W×H	590×500	590×500	640×510	640×510
模板图 Formwork Drawing					



HS II -12L (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.

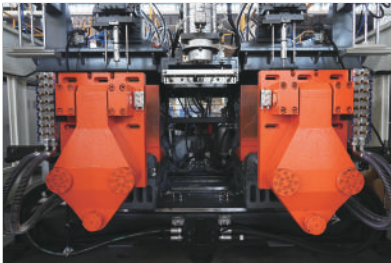
18&20L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE

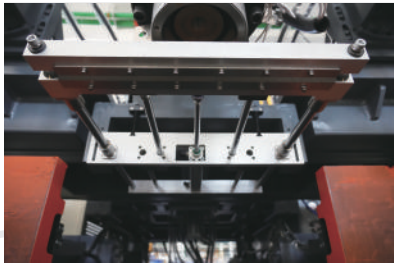


HT-18L（挤出中空吹塑设备）
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

HTS-20L（挤出中空吹塑设备）
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS-开合模
HTS-Platen

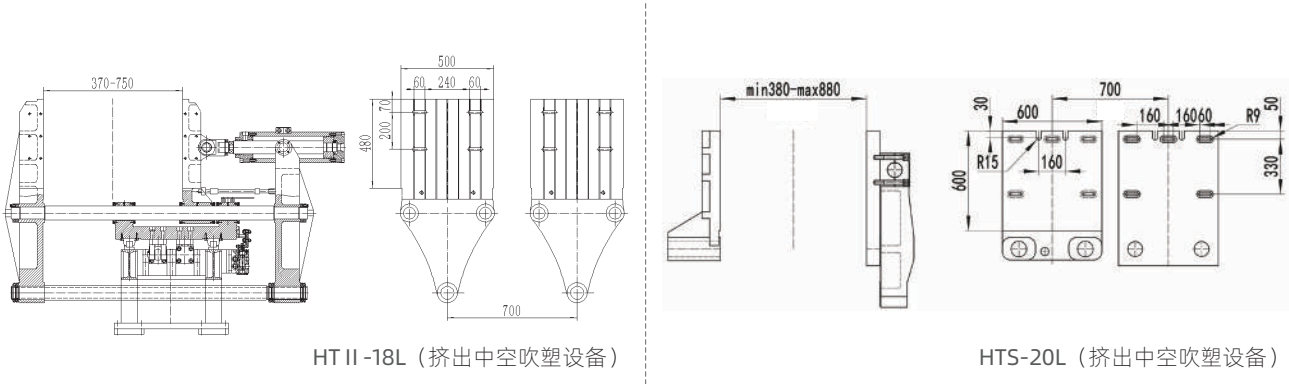


HTS-冷切刀
HTS-Cold Cutting Knife



技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HT-18L	HT II -18L	HTS-20L	HTS II -20L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	18	18	20	20
空循环 Dry Cycle	pc/h	650	650×2	500	650
HDPE塑料挤出货量 Output of HDPE	kg/h	110	130	130	220
机器重量 Weight of Machine	T	8	11	15	25
机器外形尺寸 Size of Machine	m,L×W×H	4.3×2.6×3.0	4.8×3.4×3.2	5.7×2.9×3.3	6.2×3.9×3.6
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	220	220	250	250
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	9.1	9.1	15	15
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	3	3	4	4
双模头中心距 Central Distance of Double-head	mm	240/260	240/260	/	/
最大口模直径(双模头) Max. Die Diameter (Double-head)	mm	120	120	/	/
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	15	15	/	/
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	7	7	/	/
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	370-750	370-750	380-880	380-880
移模行程 Mold Moving Stroke	mm	700	700	700	700
锁模力 Clamping Force	kN	158	158	220	220
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	80	90	90	100
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	28:1
螺杆加热功率 Screw Heating Power	kW	19	17.4	17.4	26
螺杆加热区段 No.of Heating Zone (Screw)	/	4	4	4	5
螺杆电机功率 Screw Motor Power	kW	30	37/45	37	75
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	15	15	21+4	21+4
装机总功率 Total Power	kW	73.1	78.5	95.4	145
备注 Remarks					
气体用量 Air Consumption	m3/min	0.8	1	1.5	2.5
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.3	0.4
用水量 Water Consumption	L/min	100	120	150	200
模具最大尺寸 Max.Size of Mold	mm,W×H	690×540	690×540	690×540	690×540
模板图 Formwork Drawing					



*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.



分体式机架系列

SPLIT-TYPE FRAME SERIES

HTS II -8L（挤出中空吹塑设备）

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS II -20L（挤出中空吹塑设备）

FULLY AUTOMATIC
EXTRUSION-BLOW MOLDING MACHINE



HS-自动润滑系统

HS-Automatic Lubrication System



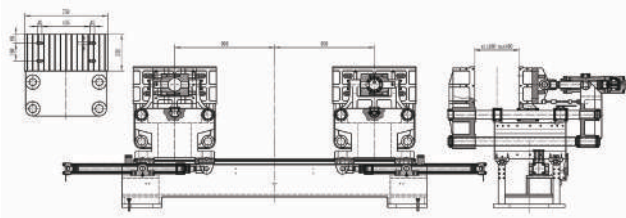
HS-废料回收系统

HS-Waste Material Recycling System

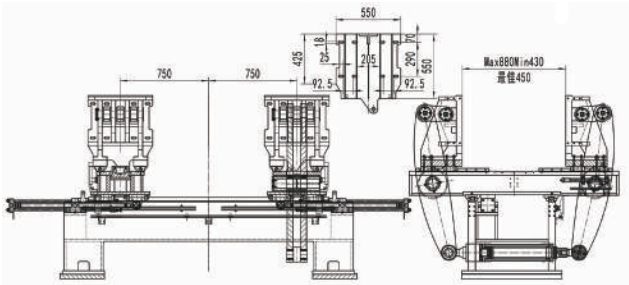


技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HTS II -8L/8	HS II -20L	HTS II -30L	EH950A II 35
基本参数 Specification					(5升日化3+3)
工位数 Station	/	双Double	双Double	双 Double	双Double
制品最大容积 Max. Product Volume	L	1	20	30	5
空循环 Dry Cycle	pc/h	780×2	850×2	400×2	765×2
HDPE塑料挤出量 Output of HDPE	kg/h	220	220	220	300
机器重量 Weight of Machine	T	25	26	21	32
机器外形尺寸 Size of Machine	m,L×W×H	6.5×5.2×3.7	6.2×5.7×4.1	7.1*6.9*3.8	8.1×5.4×3.8
模头 Die Head					
模头中心距 Die Head Center Distance	mm	/	/	/	280
最大口模直径 Max. Die Diameter	mm	/	250(单模头)	190(双模头)	130(三模头)
模头加热功率 Die Head Heating Power	kW	/	15(单模头)	5(双模头)	30(三模头)
模头加热段数 Die Head Heating Zone	/	/	4(单模头)	15(双模头)	11(三模头)
八模头中心距 Central Distance of Double-head	mm	100	/	/	/
最大口模直径(八模头) Max. Die Diameter	mm	50	/	/	/
模头加热功率(八模头) Die Head Heating Power	kW	29.6	/	/	/
模头加热段数(八模头) Die Head Heating Zone	/	23	/	/	/
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	160-400	430-880	450~1150	275-640
移模行程 Mold Moving Stroke	mm	900	750	980	950
锁模力 Clamping Force	kN	200	220	250	350
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	100	100	100	120
螺杆长径比 Screw Length/Diameter Ratio	/	28:1	28:1	28	28:1
螺杆加热功率 Screw Heating Power	kW	26	26	26	31
螺杆加热区段 No.of Heating Zone (Screw)	/	5	5	5	4
螺杆电机功率 Screw Motor Power	kW	75	75	75	90
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+4	21+4	21+4	42.5+4
装机总功率 Total Power	kW	165	180	141	197.5
备注 Remarks					
气体用量 Air Consumption	m3/min	≥2.5	≥3	1.2	≥8
吹气压力 Blow Pressure	MPa	≥0.6	≥0.6	0.6	0.6-0.8
冷却水压力 Cooling Water Pressure	MPa	≥0.4	≥0.4	0.3	0.5-0.6
用水量 Water Consumption	L/min	400	400	100	470
模具最大尺寸 Max.Size of Mold	mm,W×H	890×330	740×550	680×830	940×400
模板图 Formwork Drawing					



HTS II -8L（挤出中空吹塑设备）



HS II -20L（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。

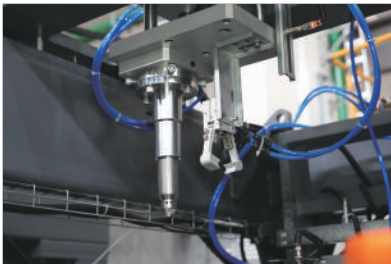
Note: The parameters above are just for reference, which can be designed by your requirements.

分体式机架系列

SPLIT-TYPE FRAME SERIES



HS-30L（挤出中空吹塑设备）
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-二次冷却系统
HS-Post Cooling System

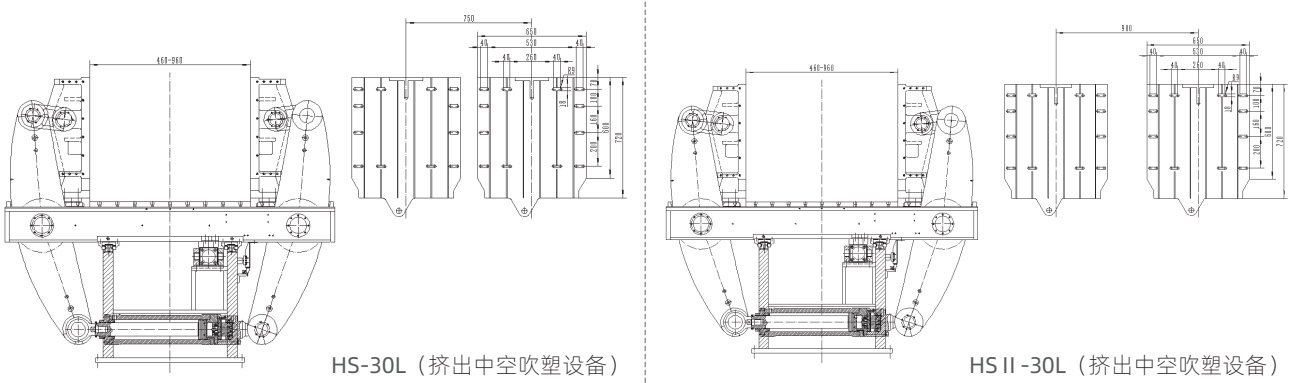


HS-废料回收系统
HS-Waste Material Recycling System



技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HS-30L	HS II -30L	HSE-30L	HSE II -30L
基本参数 Specification					
工位数 Station	/	单Single	双Double	单Single	双Double
制品最大容积 Max. Product Volume	L	30	30	30	30
空循环 Dry Cycle	pc/h	480	480×2	750	900
HDPE塑料挤出量 Output of HDPE	kg/h	160	300	160	300
机器重量 Weight of Machine	T	22	35	23	35
机器外形尺寸 Size of Machine	m,L×W×H	6.9×4.1×4	7.5×7×4.2	7.0×4.6×4.5	7.5×7.0×4.5
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	250	250	250	250
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	15	15	26	26
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	4	4	8	8
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	460-960	460-960	490-960	490-960
移模行程 Mold Moving Stroke	mm	750	900	750	900
锁模力 Clamping Force	kN	300	300	300	300
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	100	120	80	100
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	28:1	30:1	30:1
螺杆加热功率 Screw Heating Power	kW	21	31	19	23
螺杆加热区段 No.of Heating Zone (Screw)	/	4	5	4	4
螺杆电机功率 Screw Motor Power	kW	45	90	55	90
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+4	31.5+4	/	/
装机总功率 Total Power	kW	140	200	156.5	241.5
备注 Remarks					
气体用量 Air Consumption	m3/min	≥3	≥7	≥3.5	≥7
吹气压力 Blow Pressure	MPa	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0
冷却水压力 Cooling Water Pressure	MPa	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6
用水量 Water Consumption	L/min	350	470	350	470
模具最大尺寸 Max.Size of Mold	mm,W×H	740×680	890×680	740×680	890×680
模板图 Formwork Drawing					



*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.



TDB储料式固定开合模系列

TDB SERIES STATIONARY MOLD ACCUMULATOR HEAD BLOW MOLDING MACHINES

性能和优点

- 采用高产量挤出系统，塑化均匀，换色换料速度快；
- 配备液压伺服控制节能系统，有效降低能耗成本；
- 产出的制品稳定性高，精准可靠。

PERFORMANCE AND ADVANTAGES

- Equipped with a high-output extrusion system for uniform plasticization and rapid color/material changeover;
- Hydraulic servo-controlled energy-saving system slashes operational costs;
- Ensures high stability and precision in produced parts.



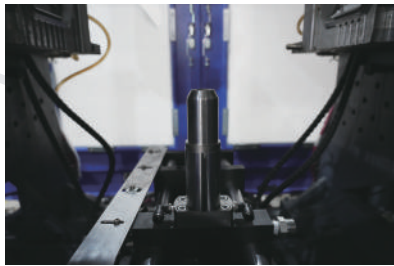
TDB-10A（挤出中空吹塑设备）
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



TDB-80A（挤出中空吹塑设备）
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



电气系统
Electrical System



吹针系统
Blow Pin System



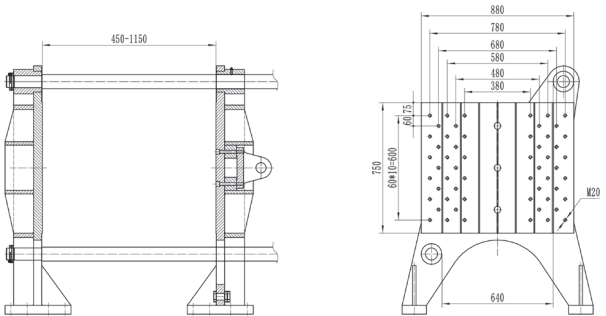
电脑控制系统
Digital Control System

技术参数 TECHNICAL PARAMETER

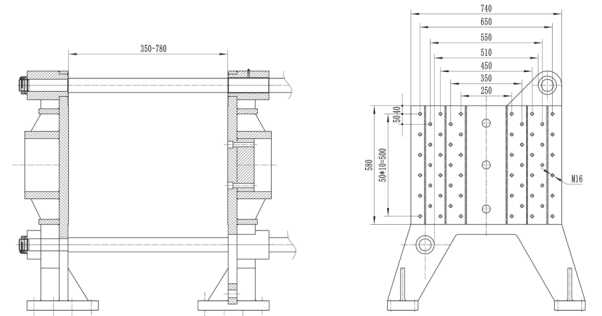
项目 /ITEM	单位 /UNITS	机型 /MODEL			
机型 Model		TDB-10A	TDB-25A	TDB-50A	TDB-80A
基本参数 Specification					
工位数 Station	/	单Single	单Single	单Single	单Single
制品最大容积 Max. Product Volume	L	10	25	50	80
空循环 Dry Cycle	pc/h	600	600	400	240
HDPE塑料挤出量 Output of HDPE	kg/h	85	110	130	160
机器重量 Weight of Machine	T	5	11	14	16
机器外形尺寸 Size of Machine	m,L×W×H	4.1×1.9×3.2	4.9×2.6×3.5	5.9×2.9×4.1	6.6×3×4.4
模头 Die Head					
最大口模直径 Max. Die Diameter	mm	180	300	350	420
模头加热段数 Die Head Heating Zone	/	4	5	6	6
储料量 Capacity of Accumulator Head	L	2	4	6.6	12.8
模头加热功率 Die Head Heating Power	kW	10.5	17.7	24.5	30
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	410-800	350-880	450-1150	500-1400
锁模力 Clamping Force	kN	110	215	260	440
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	70	80	90	100
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	13.2	19	17.4	21
螺杆加热区段 No.of Heating Zone (Screw)	/	3	4	4	4
螺杆电机功率 Screw Motor Power	kW	22	30	37	45
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	12.5+4	21+4	21+4	31.5+4
装机总功率 Total Power	kW	63.2	91.7	103.9	131.5
备注 Remarks					
气体用量 Air Consumption	m³/min	0.6	0.8	1	1.6
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
用水量 Water Consumption	L/min	50	60	65	100
模具最大尺寸 Max.Size of Mold	mm,W×H	480×530	550×650	700×950	800×1000
制品及模板图 Product & Formwork Drawing					



TDB-25A（挤出中空吹塑设备）



TDB-50A（挤出中空吹塑设备）



TDB-80A（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.

TDB储料式固定开合模系列

TDB SERIES STATIONARY MOLD ACCUMULATOR HEAD BLOW MOLDING MACHINES



TDB-120A（挤出中空吹塑设备）
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



开合模
Platen

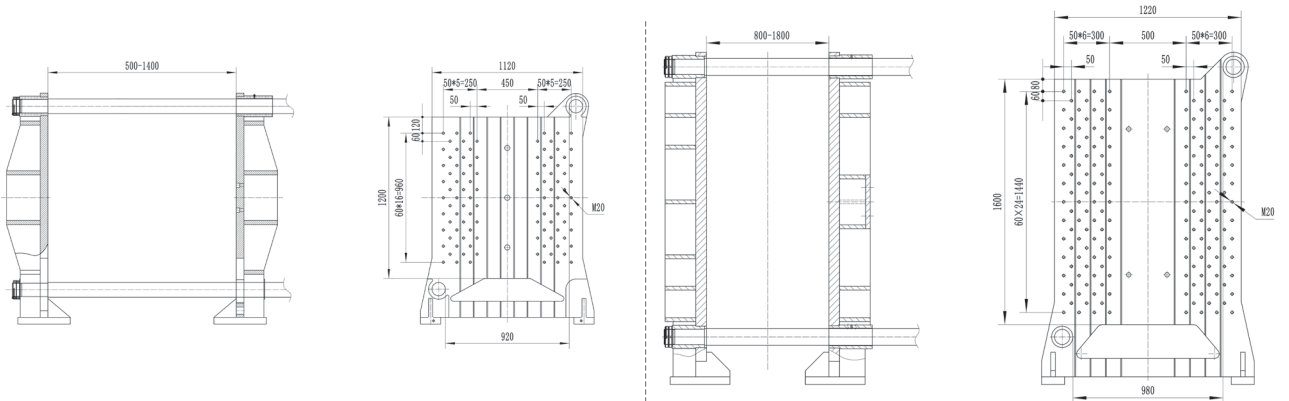


机械手
Robot Arm



技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL		
机型 Model		TDB-120A	TDB-160B	TDB-160D
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	120	160	160
空循环 Dry Cycle	pc/h	120	120	120
HDPE塑料挤出力 Output of HDPE	kg/h	160	220	300
机器重量 Weight of Machine	T	20	23	26
机器外形尺寸 Size of Machine	m,L×W×H	6.8×3.4×4.5	7×3.4×4.8	7.2×3.4×5.8
模头 Die Head				
最大口模直径 Max. Die Diameter	mm	420	550	680
模头加热段数 Die Head Heating Zone	/	6	6	6
储料量 Capacity of Accumulator Head	L	12.8	18	28
模头加热功率 Die Head Heating Power	kW	30	40	51.5
开合模系统 Clamping Unit				
开合模行程 Platen Distance	mm	500-1400	500-1600	800-1800
锁模力 Clamping Force	kN	740	740	740
挤出系统 Extruder Unit				
螺杆直径 Screw Diameter	mm	100	100	120
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	28:1	28:1
螺杆加热功率 Screw Heating Power	kW	21	26	31
螺杆加热区段 No.of Heating Zone (Screw)	/	4	5	5
螺杆电机功率 Screw Motor Power	kW	45	75	90
动力系统 Power Unit				
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+4	31.5+4	31.5+11
装机总功率 Total Power	kW	131.5	176.5	215
备注 Remarks				
气体用量 Air Consumption	m³/min	1.6	1.6	1.6
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	180	180	180
模具最大尺寸 Max.Size of Mold	mm,W×H	900×1450	900×1450	1000×1900
模板图 Formwork Drawing				



TDB-120A/160F（挤出中空吹塑设备）

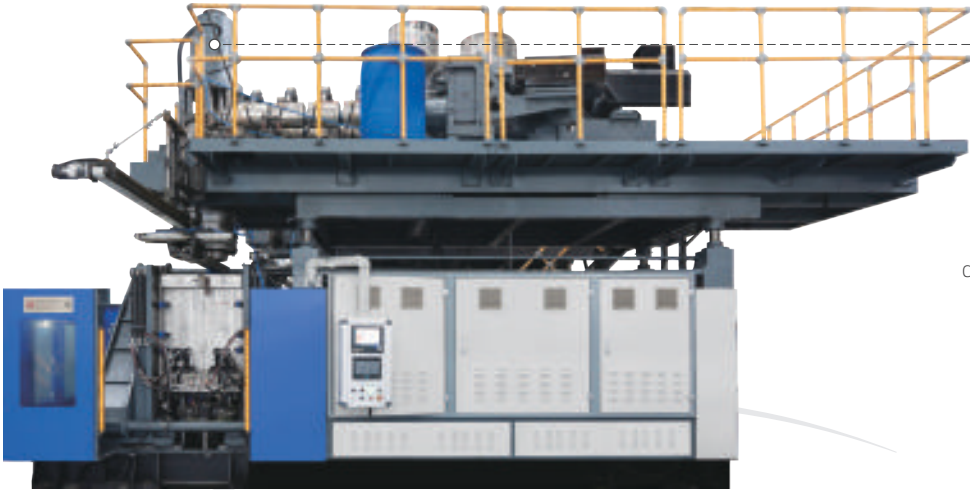
TDB-160D（挤出中空吹塑设备）

*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.



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

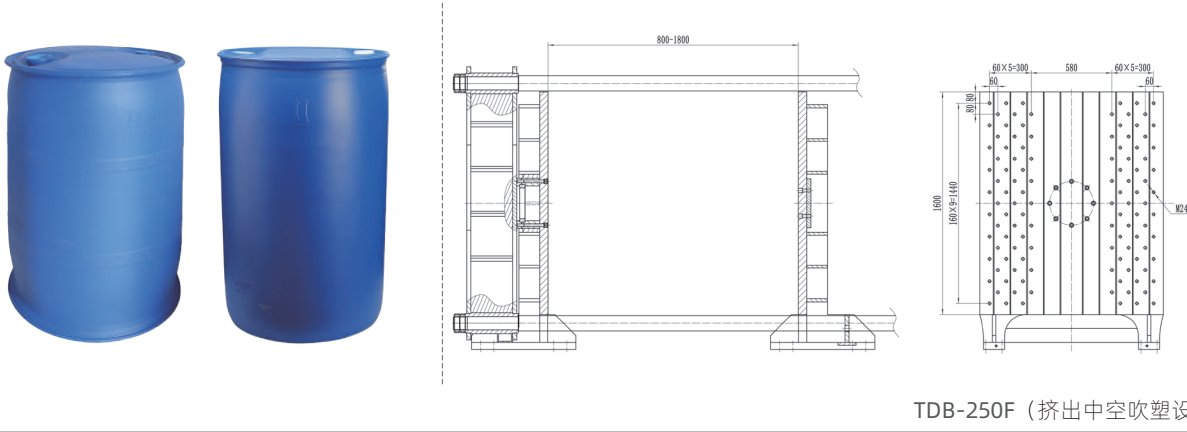
内层 Inner layer

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塑料挤出货量 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

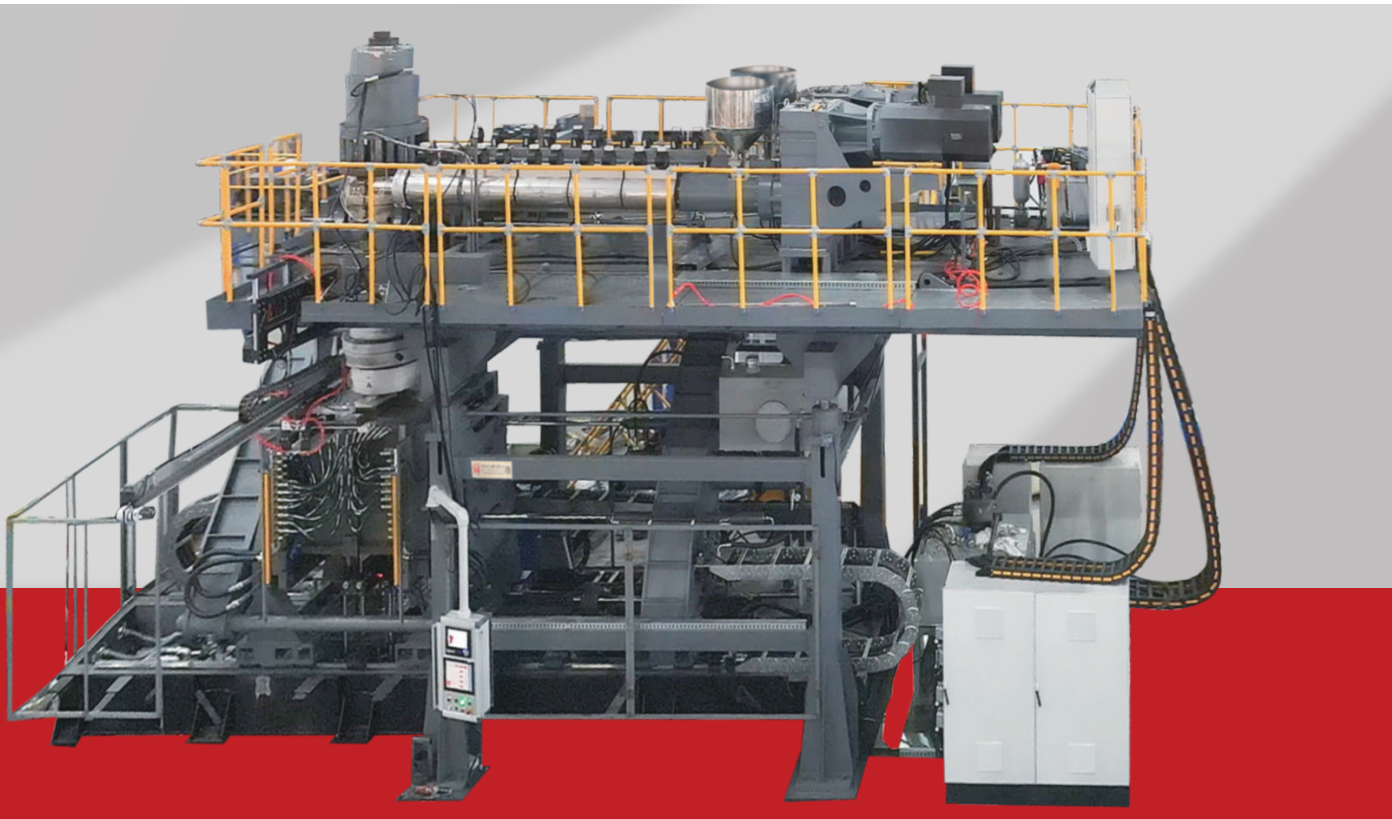
IBC DEDICATED BLOW MOLDING MACHINE

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



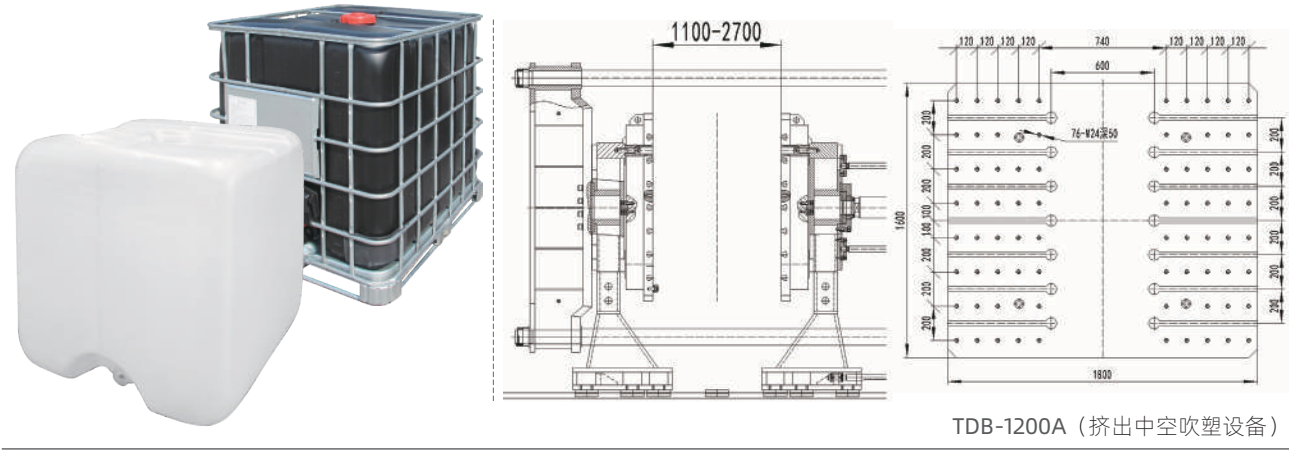
开合模
Mold Clamping Mechanism



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 (壁厚Parison)	42.5kW+21kW+5.5kW+11kW (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.

TDBS大型储罐类系列

TDBS SERIES ACCUMULATOR HEAD BLOW MOLDING MACHINES FOR LARGE TANK PRODUCTS

性能和优点

- 设备整体性好，机架、模板等刚度高，运行平稳，长久耐用；
- 开合模整体前移设计，保证快速、安全换模，让生产更高效；
- 增效降本，提升制品功能性，满足多元需求。

PERFORMANCE AND ADVANTAGES

- Integrated frame, high-stiffness platens. Vibration-free operation, long-term durability;
- Integrated mold carriage shift. Ensures rapid and safe mold change. Boosts production efficiency;
- Enhances efficiency, reduces cost. Improves product functionality. Meets diverse requirements.



TDBS-1000A（挤出中空吹塑设备）
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



开合模
Mold Clamping Mechanism



模头系统
Extrusion Die System



电脑控制系统
Digital Control System

技术参数 TECHNICAL PARAMETER

项目 /ITEM	单位 /UNITS	机型 /MODEL		
机型 Model		TDBS-1000A	TDBS-2000A	TDBS-3000A
基本参数 Specification				
工位数 Station	/	1	1	1
制品最大容积 Max. Product Volume	L	1000	2000	3000
空循环 Dry Cycle	pc/h	100	80	80
HDPE塑料挤出量 Output of HDPE	kg/h	400	450	220×3
机器重量 Weight of Machine	T	40	45	60
机器外形尺寸 Size of Machine	m,L×W×H	9×2.7×7	13.8×4×7.5	14×4.2×8
模头 Die Head				
最大口模直径 Max. Die Diameter	mm	660	700	800
模头加热段数 Die Head Heating Zone	/	8	9	10
储料量 Capacity of Accumulator Head	L	50	80	120L
模头加热功率 Die Head Heating Power	kW	70	85	100
开合模系统 Clamping Unit				
开合模行程 Platen Distance	mm	900-2700	1100-3000	1100-3200
锁模力 Clamping Force	kN	1000	1800	2200
挤出系统 Extruder Unit				
螺杆直径 Screw Diameter	mm	120	135	100×3
螺杆长径比 Screw Length/Diameter Ratio	/	30:1	28:1	28:1
螺杆加热功率 Screw Heating Power	kW	38	50	26×3
螺杆加热区段 No.of Heating Zone (Screw)	/	4	5	5
螺杆电机功率 Screw Motor Power	kW	132	160	75×3
动力系统 Power Unit				
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+5.5+11	31.5+5.5+11	31.5+5.5+11
装机总功率 Total Power	kW	288	343	451
备注 Remarks				
气体用量 Air Consumption	m³/min	2	2.5	3
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	0.6
用水量 Water Consumption	L/min	300	350	400
模具最大尺寸 Max.Size of Mold	mm,W×H	/	/	/
制品 Product				



*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.



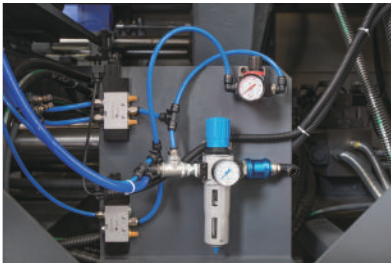
无拉杆系列

TIE-BAR-LESS SERIES



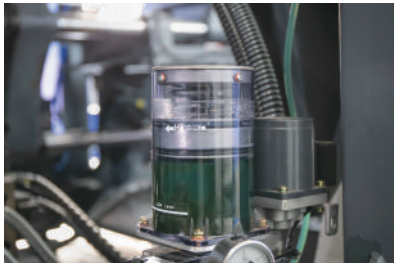
HW II -30L（挤出中空吹塑设备）

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



气路单元

Air Circuit Unit



润滑系统

Lubrication System



液位线系统

Liquid Line System

技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL		
机型 Model		HW-30L	HW II -30L	HWS II -50L
基本参数 Specification				
工位数 Station	/	单Single	双Double	双Double
制品最大容积 Max. Product Volume	L	30	30	50
空循环 Dry Cycle	pc/h	400	400×2	300×2
HDPE塑料挤出量 Output of HDPE	kg/h	130	220	300
机器重量 Weight of Machine	T	15	21	28
机器外形尺寸 Size of Machine	m,L×W×H	6.4×4.3×3.7	6.4×5.2×4	6.4×6.4×4.2
模头 Die Head				
最大口模直径 Max. Die Diameter	mm	220	220	350
模头加热段数 Die Head Heating Zone	/	5	5	6
模头加热功率 Die Head Heating Power	kW	15	15	21
开合模系统 Clamping Unit				
开合模行程 Platen Distance	mm	450-1150	450-1150	550-1250
移模行程 Mold Moving Stroke	mm	800	980	1250
锁模力 Clamping Force	kN	250	250	500
挤出系统 Extruder Unit				
螺杆直径 Screw Diameter	mm	90	100	120
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	28:1	30:1
螺杆加热功率 Screw Heating Power	kW	17.4	26	50
螺杆加热区段 No.of Heating Zone (Screw)	/	4	5	5
螺杆电机功率 Screw Motor Power	kW	37	75	132
动力系统 Power Unit				
油泵电机功率 Hydraulic Pump Driving Power	kW	21+4	21+4	21+4
装机总功率 Total Power	kW	100	160	240
备注 Remarks				
气体用量 Air Consumption	m³/min	1.2	2	3
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	70	100	200
模具厚度范围 Mold Thickness Range	mm	455-530	455-530	550-620
模具最大尺寸 Max.Size of Mold	mm,W×H	680×830	680×830	860×830
制品 Product				



*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.

无拉杆系列

TIE-BAR-LESS SERIES

- 性能和优点

- 锁模力大且分布均匀，保证制品稳定性；

- 适配自动化产线。
- PERFORMANCE AND ADVANTAGES

- High & Even Clamping Force Ensures Product Stability;

- Automation-Ready Design.



TDW-160E (挤出中空吹塑设备)

ACCUMULATOR

EXTRUSION BLOW MOLDING MACHINE

TDW-350A (挤出中空吹塑设备)

ACCUMULATOR

EXTRUSION BLOW MOLDING MACHINE



包封装置

Upper Sealing



无拉杆技术

Tie-bar-less Technology



液压伺服节能系统

Servo-Hydraulic Energy-Saver

技术参数 TECHNICAL PARAMETER

项目 /ITEM	单位 /UNITS	机型 /MODEL		
机型 Model		TDW-160B	TDW-160E	TDW-350A
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	160	160	350
空循环 Dry Cycle	pc/h	100	100	100
HDPE塑料挤出量 Output of HDPE	kg/h	220	300	360
机器重量 Weight of Machine	T	22	22	45
机器外形尺寸 Size of Machine	m,L×W×H	7.3×3.1×4.7	7.6×3.2×5.6	9.3×3.4×6.4
模头 Die Head				
最大口模直径 Max. Die Diameter	mm	550	680	900
模头加热段数 Die Head Heating Zone	/	6	6	7
储料量 Capacity of Accumulator Head		18	28	35
模头加热功率 Die Head Heating Power	kW	38	51.5	60
开合模系统 Clamping Unit				
开合模行程 Platen Distance	mm	600-1500	500-1900	750-1800
锁模力 Clamping Force	kN	660	1200	1800
挤出系统 Extruder Unit				
螺杆直径 Screw Diameter	mm	100	120	120
螺杆长径比 Screw Length/Diameter Ratio	/	28:1	28:1	30:1
螺杆加热功率 Screw Heating Power	kW	24	31	38
螺杆加热区段 No.of Heating Zone (Screw)	/	5	5	4
螺杆电机功率 Screw Motor Power	kW	75	90	132
动力系统 Power Unit				
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+11	31.5+11	31.5+11
装机总功率 Total Power	kW	179.5	215	272.5
备注 Remarks				
气体用量 Air Consumption	m ³ /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	0.4	0.4	0.4
用水量 Water Consumption	L/min	300	300	300
模具厚度范围 Mold Thickness Range	mm	600-680	500-800	750-880
模具最大尺寸 Max.Size of Mold	mm,W×H	1100×1400	1200×1900	1600×1900
制品 Product				



*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.

其他专用机型

OTHER DEDICATED MACHINE MODELS



TDB-25APC（挤出中空吹塑设备）

ACCUMULATOR EXTRUSION BLOW MOLDING MACHINE

性能和优点

- 适用于生产2-5加仑PC材料吹塑制品；
- 采用高产量挤出系统，塑化均匀充分。

PERFORMANCE AND ADVANTAGES

- Suitable for producing 2-5 gallon 10-25liter PC material blow product;
- Uniform plastication via high-throughput extrusion.

技术参数 TECHNICAL PARAMETER

项目 /ITEM	单位 /UNITS	机型 /MODEL		
机型 Model		TDB-25APC	TDE-10L	CFHE-50A(电动)
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	25	/	50
空循环 Dry Cycle	pc/h	600	400	800
HDPE塑料挤出量 Output of HDPE	kg/h	160(PC)	80	160
机器重量 Weight of Machine	T	12	15	25
机器外形尺寸 Size of Machine	m,L×W×H	6.3×2.6×3.8	5×4×4	6.3×3.3×4.5
模头 Die Head				
最大口模直径 Max. Die Diameter	mm	150	180	350
模头加热段数 Die Head Heating Zone	/	5	4	8
储料量 Capacity of Accumulator Head	L	1.9	2	/
模头加热功率 Die Head Heating Power	kW	13.5	10.5	28
开合模系统 Clamping Unit				
开合模行程 Platen Distance	mm	350-780	600-1400 (上下开合模)	500-1150
锁模力 Clamping Force	kN	215	110	400
挤出系统 Extruder Unit				
螺杆直径 Screw Diameter	mm	82	70	100
螺杆长径比 Screw Length/Diameter Ratio	/	38:1	25:1	25:1
螺杆加热功率 Screw Heating Power	kW	41.7	13.2	21
螺杆加热区段 No.of Heating Zone (Screw)	/	8	3	4
螺杆电机功率 Screw Motor Power	kW	/	22	45
动力系统 Power Unit				
油泵电机功率 Hydraulic Pump Driving Power	kW	45+4	21+4	/
装机总功率 Total Power	kW	105	71	110
备注 Remarks				
气体用量 Air Consumption	m³/min	1.2	0.6	≥3.2
吹气压力 Blow Pressure	MPa	1	1	0.8-1.0
冷却水压力 Cooling Water Pressure	MPa	0.3	0.3	0.5-0.6
用水量 Water Consumption	L/min	150	50	370
模具最大尺寸 Max.Size of Mold	mm,W×H	550×650	900×1000	900×1000
制品 Product				



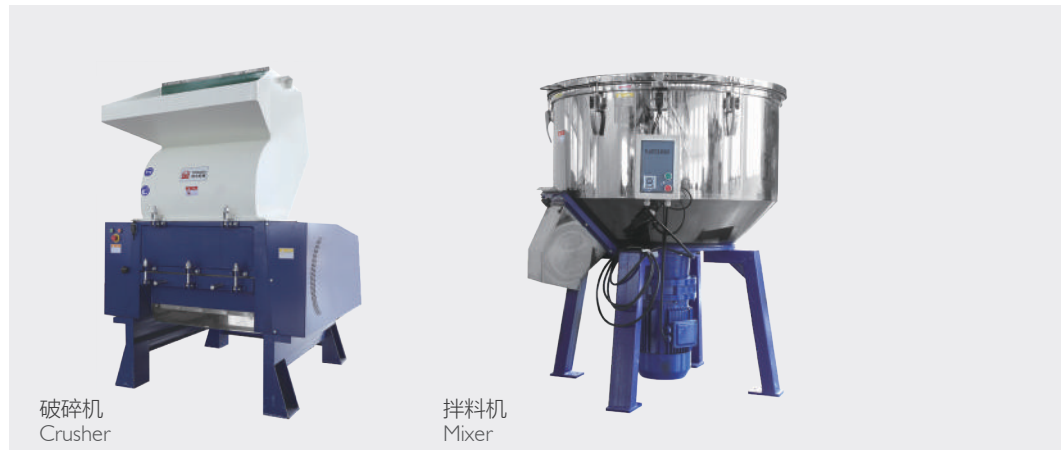
*备注：以上参数仅供参考，可根据客户需求量身定制。
Note: The parameters above are just for reference, which can be designed by your requirements.

AUXILIARY MACHINE

辅机



上料机
Feeding machine



破碎机
Crusher

拌料机
Mixer



分体式上料机
Auto loader



静音集中型粉碎机
Noise proof crusher



冷却水塔
Cooling tower



切口机
Cutting machine



称重式混料机
Weighing mixer



欧化立式混料机
Europe vertical mixer



活塞空压机
Piston air compressor



塑料干燥机
Hopper dryer



两料比例阀
Material proportion valve



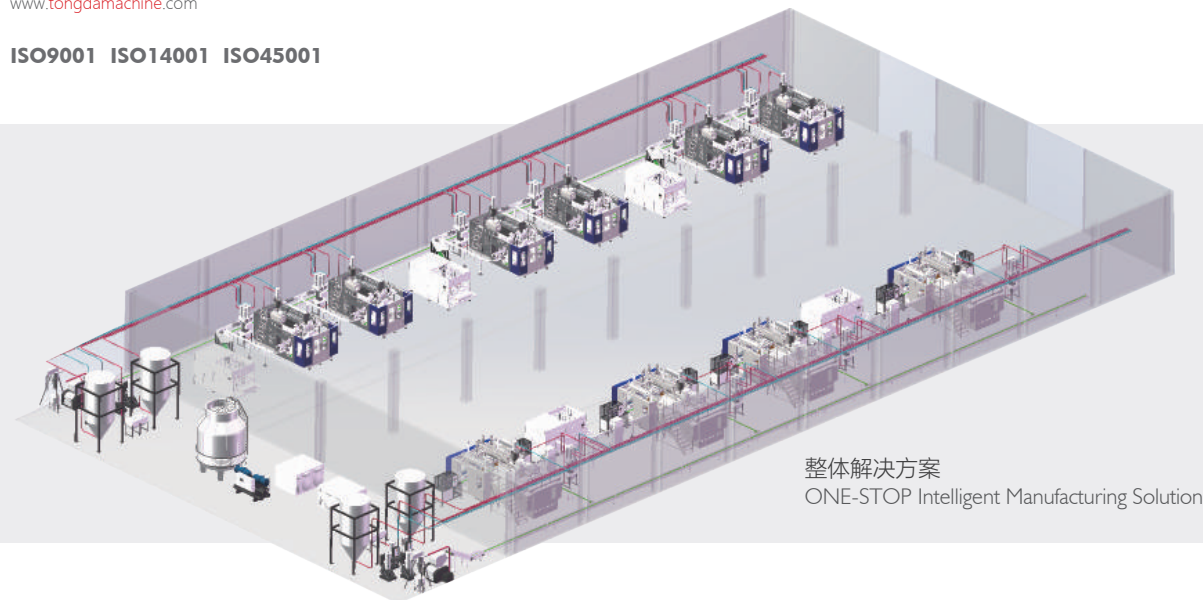
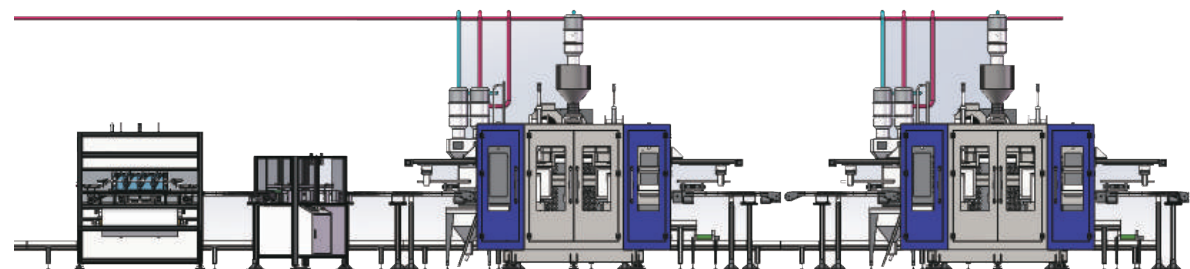
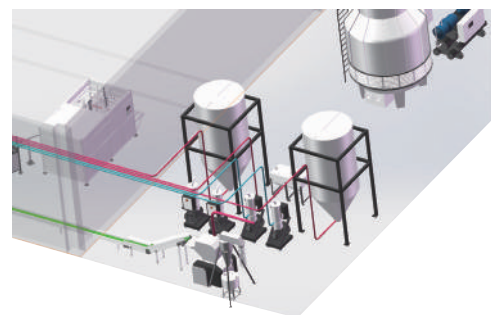
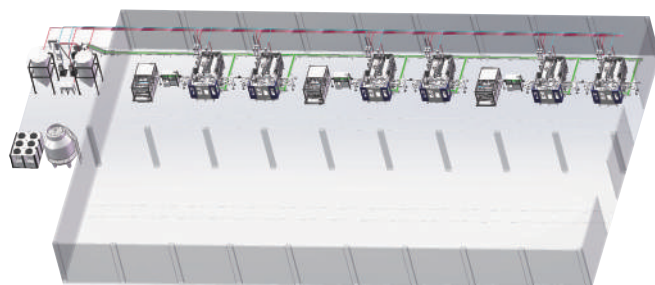
计量式色母机
Color master batch machine



水冷式冰水机
Water cooling type chiller



膜内贴标机
Labeling machine

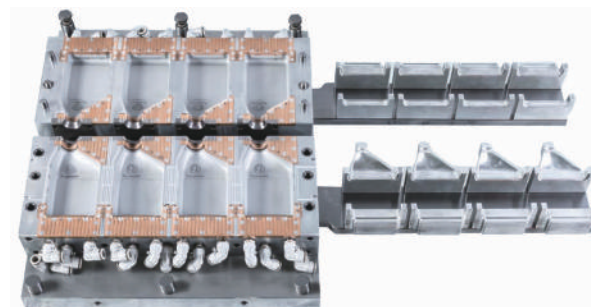
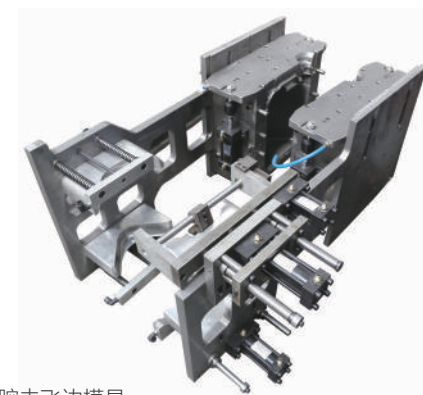
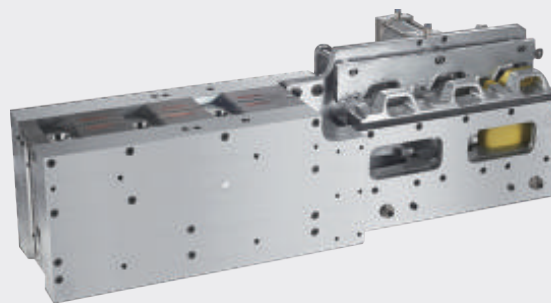
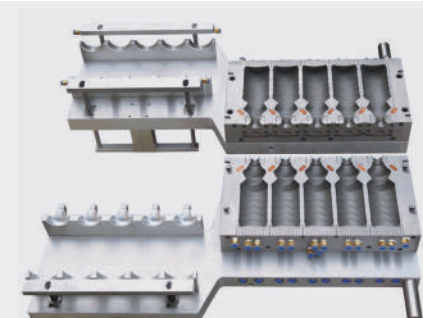
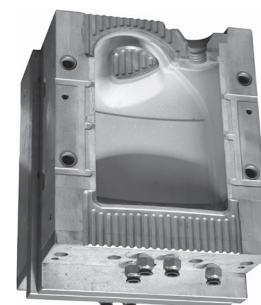
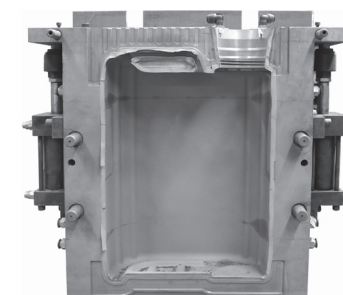
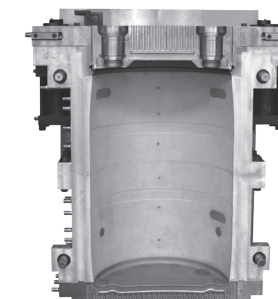
整体解决方案
ONE-STOP Intelligent Manufacturing Solution

BLOW MOULD

吹塑模具

同大模具事业部专注于吹塑与注塑模具的研发、设计与制造，具备年产300余套模具的能力，年产值超2000万元。产品广泛应用于包装、医疗、汽车、家居等行业，曾服务于伊利、蒙牛、立白、丰田等知名企业。

Tongda Mold Division specializes in R&D, design and manufacturing of blow molds and injection molds, with an annual production capacity of 300+ mold sets and output value exceeding CNY 20 million.

1L四腔去飞边模具
1L four-cavity deflashing mold5L单腔去飞边模具
5L single cavity to deflashing mold2L日化桶模具
2L daily chemical bucket mold800ML五腔去飞边模具
800ML five-cavity deflashing mold测漏机
Leak tester打包机
Packing machine折盖机
Folding machine4L机油桶模具
4L oil barrel mold10L堆码桶模具
The 10-L Jerry can mold200L双口L环桶模具
200L Double L ring bucket mold

主要客户

Take Customer First



SERVICE CENTER

全球销售服务中心

截至目前，我们的产品已经远销美国、英国、澳大利亚、希腊、波兰、俄罗斯、墨西哥、巴西、沙特、迪拜、伊朗、印度尼西亚、苏丹、约旦、埃塞俄比亚、乌克兰、尼日利亚、爱沙尼亚、罗马尼亚、智利等100多个国家和地区，销售超过10,000台套同大机械设备。我们在全球范围内设有27个海外销售网点，14个国内销售网点，并与众多行业服务伙伴建立了广泛的合作关系。

Up to now, our products have been exported to over 100 countries and regions, including the United States, the United Kingdom, Australia, Greece, Poland, Russia, Mexico, Brazil, Saudi Arabia, Dubai, Iran, Indonesia, Sudan, Jordan, Ethiopia, Ukraine, Nigeria, Estonia, Romania, Chile, and more. totally more than 10,000 sets. We have 27 overseas and 14 domestic sales and service centers, which provide 24 hours service at your side.

100⁺国家和地区覆盖
Market across the world (Countries)**27[↑]**国外销售服务中心
Overseas sales and service center**14[↑]**国内销售服务中心
Domestic sales and service center

墨西哥 / 危地马拉 / 哥斯达黎加 / 哥伦比亚
秘鲁 / 巴西 / 智利 / 波兰 / 阿尔及利亚 / 埃及 / 约旦
伊朗 / 巴基斯坦 / 埃塞俄比亚 / 阿联酋 / 印尼 / 泰国
土耳其 / 俄罗斯 / 肯尼亚 / 菲律宾 / 沙特 / 苏丹
西班牙 / 厄瓜多尔 / 摩洛哥 / 马来西亚

沈阳 / 天津 / 淄博 / 临沂 / 郑州
西安 / 广州 / 武汉 / 成都 / 宁波
重庆 / 金华 / 台州 / 厦门



SERVICE

销售服务



关注客户需求
FOCUS ON
CUSTOMER NEEDS

关注客户需求，令客户拥有更好的试模体验。获取宝贵的市场反馈，精准把握市场发展动态、判断客户切实所需方向，灵活丰富的机型及技术选择。
Pay attention to customer needs and provide them with a better trial experience. Obtain valuable market feedback, accurately grasp market development trends, and determine the direction that customers truly need, Flexible and rich selection of models and technologies.



全程贴心服务
WHOLE PROCESS
WITH CONSIDERATE
SERVICE

拥有健全的服务网络、完善的售后服务体系，全球27家专业售后服务团队，及时响应的服务机制不断提升用户满意度。真诚服务每一家客户，迅速反应，及时解决客户提出的问题，我们会定期派调试工程师走访客户，同大24小时陪伴在您身边。

With a sound service network, and a comprehensive after-sales service system, 27 professional after-sales service teams worldwide, and a timely response service mechanism to continuously improve user satisfaction. Sincere service to every customer, quick response, and timely resolution of customer issues, regularly visiting customers of debugging engineers, 7days*24 hours by your side.



提供整体解决方案
PROVIDE ONE-STOP
INTELLIGENT
MANUFACTURING
SOLUTION

27年塑料机械制造经验，提供自动化生产线，提高生产效率和提高产品质量，相互促进、降低成本、增加效益，助力客户生产效益最大化。
Providing one-stop intelligent manufacturing solution to improve customer's production efficiency, lower the cost.

01



需求分析

产品
商业用途
材料技术
模具过程
生产要求
能源需求
自动化程度
ROI分析
确定可行性计划

REQUIREMENT ANALYSIS

Product
Commercial use
Material technology
Mold process
Production requirements
Energy needs
Automation
ROI analysis
Determine feasibility plan



02



订单生产

确定订单
下达生产任务
生产制造
关键品品质检验
总装
调试
整机检验
发货

ORDER PRODUCTION

Order confirmation
Order releasing
Production and manufacturing
Quality inspection of materials
Final assembly
Debugging
Complete machine inspection
Delivery



03



服务

工程师驻厂安装
工艺支持
使用培训
培训FAT
维护和保养
全生命周期服务

SERVICE

On-site installation
Process support
Training
FAT Training
Maintenance
Full life cycle service



FUTURE

未来展望

同步世界，赋能未来

同大机械对标国际工业标准，
以稳定品质、高效交付、无忧服务为坚实基础，
依托塑料中空成型核心技术，
提供高效集成的整厂智能制造解决方案
助力企业提升效能，夯实工业4.0升级基础。
同大机械，值得信赖的全球制造伙伴！

Syncing with the World, Empowering the Future

Tongda Machinery aligns with global industrial standards,
Building upon a solid foundation of reliable quality, efficient delivery, and worry-free service.
Leveraging core expertise in plastic hollow blow molding technology,
We provide highly integrated smart manufacturing solutions for complete production plants,
Empowering enterprises to enhance efficiency and solidify Industry 4.0 foundations.
Tongda Machinery: Your Trusted Global Manufacturing Partner!



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THE MEMO

备忘录

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.