

HT SERIES · EXTRUSION BLOW MOLDING

HT-18L

Single-station extrusion blow molding for jerry cans and stackable containers up to 18 L.



The HT series is the basic hydraulic platform of the Tongda range, from small bottles to 18 L containers. Share your product drawing to discuss the mold, head arrangement and handling requirements.

27

Years of industry experience

100+

Countries and regions served

1,200+

Machines and systems built per year

10,000+

Machines and systems supplied

The figures reproduce the published configuration of this model. Installed power is connected equipment power, not measured consumption; output depends on product, resin and cycle. Final configuration is confirmed in the quotation.

STATIONS	MAX. VOLUME	CLAMPING FORCE	TOTAL POWER
Single	18 L	158 kN	73.1 kW

SPECIFICATIONS

Stations	Single
Max. product volume	18 L
Dry cycle	650 pc/h
HDPE output	110 kg/h
Machine weight	8,000 kg
Machine dimensions (L × W × H)	4.3 × 2.6 × 3.0 m
Clamping force	158 kN
Screw diameter	80 mm
Total installed power	73.1 kW
Maximum mold size (W × H)	690 × 540 mm

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- 1 Overview and key specifications this page
- 2 2026 catalogue specification catalogue pp. 27–28

REQUEST A QUOTATION

Send your product drawing or sample, resin, volume, weight and hourly output target.
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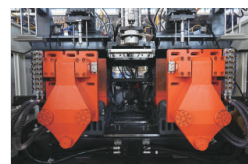
18&20L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE

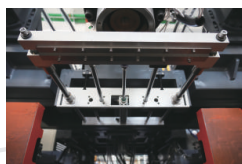
HT-18L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



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



HTS-开合模
HTS-Platen

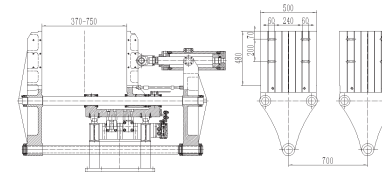


HTS-冷切刀
HTS-Cold Cutting Knife

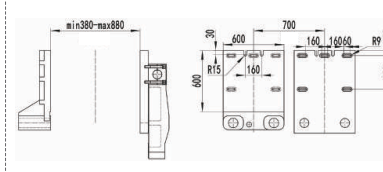


技术参数 TECHNICAL PARAMETER

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	650x2	500	650
HDPE塑料挤出量 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,LxWxH	4.3x2.6x3.0	4.8x3.4x3.2	5.7x2.9x3.3	6.2x3.9x3.6
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	m ³ /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,WxH	690x540	690x540	690x540	690x540
模板图 Formwork Drawing					



HT II -18L (挤出中空吹塑设备)



HTS-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.