

HTS SERIES · EXTRUSION BLOW MOLDING

HTS-2L

Single-station extrusion blow molding for small bottles.



Tongda designs and manufactures the main machine components and offers project-specific configurations. Share your bottle or part 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	2 L	44 kN	30.5 kW

SPECIFICATIONS

Stations	Single
Max. product volume	2 L
Dry cycle	900 pc/h
HDPE output	50 kg/h
Machine weight	4,000 kg
Machine dimensions (L × W × H)	3.3 × 2.1 × 2.6 m
Clamping force	44 kN
Screw diameter	50 mm
Total installed power	30.5 kW
Maximum mold size (W × H)	360 × 320 mm

IN THIS DATASHEET

- 1 Overview and key specifications
this page
- 2 2026 catalogue specification
catalogue pp. 13–14

REQUEST A QUOTATION

Send your product drawing or sample, resin, volume, weight and hourly output target.
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13/14

TONGDA MACHINERY

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CE

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	220
	130	95	95	220	95	95	220	95	220	95	220	220
	85			65	65	220	65	220	65	220	65	220
	60/65			50	50	120	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	220
	130	95	95	220	95	95	220	95	220	95	220	220
	85			65	65	220	65	220	65	220	65	220
	60/65			50	50	120	50	120	50	120	50	120



HTS-开合模
HT-Platen



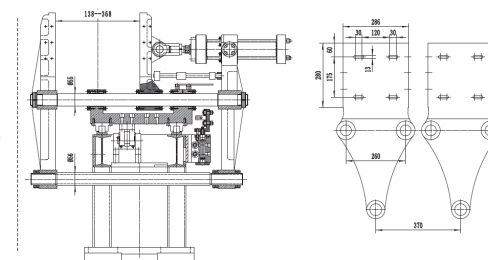
HT & HTS-三模头
HT & HTS-Triple Die Head



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			
		HT-2L	HT II-2L	HTS-2L	HTS II-2L
机型 Model					
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.