

HT SERIES · EXTRUSION BLOW MOLDING

HT-12L

Single-station extrusion blow molding for jerry cans and stackable containers.



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

Single

MAX. VOLUME

12 L

CLAMPING FORCE

110 kN

TOTAL POWER

59.3 / 73.1 kW

SPECIFICATIONS

Stations	Single
Max. product volume	12 L
Dry cycle	700 pc/h
HDPE output	85 / 110 kg/h
Machine weight	7,000 kg
Machine dimensions (L × W × H)	4.2 × 2.2 × 3.1 m
Clamping force	110 kN
Screw diameter	70 / 80 mm
Total installed power	59.3 / 73.1 kW
Maximum mold size (W × H)	510 × 500 mm

IN THIS DATASHEET

- 1 Overview and key specifications this page
- 2 2026 catalogue specification catalogue pp. 23–24

REQUEST A QUOTATION

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

[tongdamachinery.com/contact](https://www.tongdamachinery.com/contact)

Tel. +86 512 5637 0112

Suzhou Tongda Machinery Co., Ltd.

No. 21 Fenghuang Boulevard, Fenghuang Town, Zhangjiagang, Suzhou, Jiangsu, China

www.tongdamachinery.com/product/ht-12/

23/24

TONGDA MACHINERY同心合力 一起壮大
GROWING WITH PARTNERS

www.tongdamachine.com

CE

12L 挤出中空吹塑设备

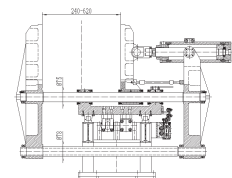
EXTRUSION BLOW MOLDING MACHINE

HT-12L & HTII-12L产品及模板尺寸 (mm)											
No. of cavity	Center distance										
		A	B	A	B	A	B	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
	120					90	200	90	200		

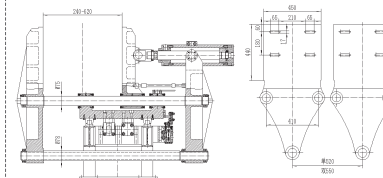
**HT-12L** (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE**HTS II-12L** (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE新料层 New material
回料层 Recycled material
粘合层 Adhesive
阻隔层 Barrier

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塑料挤出量 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	m ³ /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.