

HT SERIES · EXTRUSION BLOW MOLDING

HWSII-50L

Double-station, tie-bar-less extrusion blow molding for containers up to 50 L.



HWII-30L shown

The HW series is Tongda's tie-bar-less range: there are no tie-bars around the mold area, which gives open access for mold changes and large parts. The HWII-30L (formerly HTII-30L) is the double-station 30 L model of the same series. 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
Double	50 L	500 kN	240 kW

SPECIFICATIONS

Stations	Double
Max. product volume	50 L
Dry cycle	300 × 2 pc/h
HDPE output	300 kg/h
Machine weight	28,000 kg
Machine dimensions (L × W × H)	6.4 × 6.4 × 4.2 m
Clamping force	500 kN
Screw diameter	120 mm
Total installed power	240 kW
Maximum mold size (W × H)	860 × 830 mm

IN THIS DATASHEET

- 1 Overview and key specifications
this page
- 2 2026 catalogue specification
catalogue pp. 45–46

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/hwsii-50l/

45/46

TONGDA MACHINERY

同心合力 一起壮大
GROWING WITH PARTNERS

www.tongdamachine.com

CE

无拉杆系列

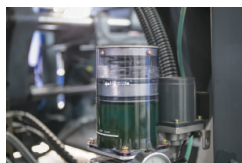
TIE-BAR-LESS SERIES



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,LxWxH	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	m ³ /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,WxH	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.