HS SERIES · EXTRUSION BLOW MOLDING

HSII-2L

Double-station hydraulic servo extrusion blow molding for bottles up to 2 L, with a toggle clamping unit.

The HS series combines continuous extrusion with hydraulic servo control and a toggle clamping unit. 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

STATIONS	MAX. VOLUME	CLAMPING FORCE	TOTAL POWER
Double	**2 L**	**70 kN**	**48.7 kW**

SPECIFICATIONS

Stations	**Double**
Max. product volume	**2 L**
Dry cycle	**900 × 2 pc/h**
HDPE output	**60 kg/h**
Machine weight	**12,000 kg**
Machine dimensions (L × W × H)	**4.8 × 2.7 × 3.0 m**
Clamping force	**70 kN**
Screw diameter	**60 mm**
Total installed power	**48.7 kW**
Maximum mold size (W × H)	**420 × 320 mm**

IN THIS DATASHEET

1 Overview and key specifications
this page

2 2026 catalogue specification
catalogue pp. 15–16

REQUEST A QUOTATION

Send your product drawing or sample, resin, volume, weight and hourly output target.
tongdamachinery.com/contact
Tel. +86 512 5637 0112

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.

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CE

2L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE

HSII-2L（挤出中空吹塑设备）

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

HSE-2L（挤出中空吹塑设备）

FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

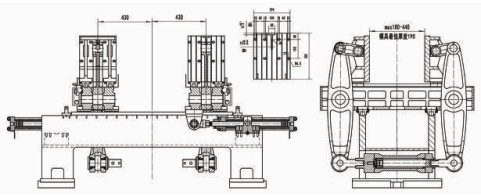
HSE-挤料驱动单元
HSE-Extrusion Drive Unit

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塑料挤出量 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.