

HS SERIES · EXTRUSION BLOW MOLDING

HS-12L

Single-station hydraulic servo extrusion blow molding for jerry cans and containers up to 12 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

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

220 kN

TOTAL POWER

86 / 93 kW

SPECIFICATIONS

Stations	Single
Max. product volume	12 L
Dry cycle	700 pc/h
HDPE output	110 / 130 kg/h
Machine weight	15,000 kg
Machine dimensions (L × W × H)	5.5 × 2.7 × 3.3 m
Clamping force	220 kN
Screw diameter	80 / 90 mm
Total installed power	86 / 93 kW
Maximum mold size (W × H)	590 × 500 mm

IN THIS DATASHEET

- 1 Overview and key specifications
this page
- 2 2026 catalogue specification
catalogue pp. 25–26

REQUEST A QUOTATION

Send your product drawing or sample, resin, volume, weight and hourly output target.
tongdamachinery.com/contact
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CE

12L 挤出中空吹塑设备

EXTRUSION BLOW MOLDING MACHINE



HSE II -12L (挤出中空吹塑设备)
FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

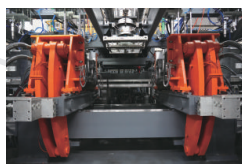
HSII-12L产品及模板尺寸 (mm)											
No. of cavity	Center distance	A		B		H		Φ		H	
		A	B	A	B	H	Φ	A	B	H	Φ
1	250	180	300	250	180	300	240	300	240	300	
2	240	210	110	250	210	110	250	180	250	180	250
3	160			130	90	220	120	220	120	220	
4	120					90	200	90	200		



HS II -12L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-模头系统
HS-Extrusion Die System

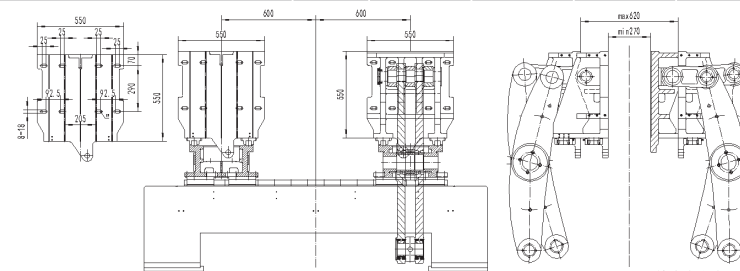


HS-开合模
HS-Toggle Arm



技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HS-12L	HS II -12L	HSE-12L	HSE 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	1000	1200
HDPE塑料挤出量 Output of HDPE	kg/h	110/130	160	110	160
机器重量 Weight of Machine	T	15	18	15	24
机器外形尺寸 Size of Machine	m,L×W×H	5.5×2.7×3.3	5.5×3.1×3.4	6.2×2.8×3.8	7.5×3.8×4.5
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	8	9.1	12	12
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	3	3	6	6
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	140	140	140	140
模头加热功率(双模头) Die Head Heating Power (Double-head)	kW	15	15	20	20
模头加热段数(双模头) Die Head Heating Zone (Double-head)	/	7	7	11	11
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	270-620	270-620	360-780	360-780
移模行程 Mold Moving Stroke	mm	600	600	650	650
锁模力 Clamping Force	kN	220	220	260	260
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	80/90	100	80	100
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	19/17.4	21	19	21
螺杆加热区段 No. of Heating Zone (Screw)	/	4	4	4	4
螺杆电机功率 Screw Motor Power	/	30/37	45	30	45
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	17+4	17+4	/	/
装机总功率 Total Power	kW	86/93	96.1	90.25	132.7
备注 Remarks					
气体用量 Air Consumption	m ³ /min	1.2	1.6	≥2	≥3.5
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	120	150	250	370
模具最大尺寸 Max. Size of Mold	mm,W×H	590×500	590×500	640×510	640×510
模板图 Formwork Drawing					



HS II -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.