

HS SERIES · EXTRUSION BLOW MOLDING

HSE-12L

Single-station, fully electric extrusion blow molding for jerry cans and containers up to 12 L, with electric drives for extrusion, mold movement and parison control.



The HSE range is the fully electric version of the Tongda HS series and appears beside it in the 2026 catalogue. Share your bottle or container 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

260 kN

TOTAL POWER

90.25 kW

SPECIFICATIONS

Stations	Single
Max. product volume	12 L
Dry cycle	1,000 pc/h
HDPE output	110 kg/h
Machine weight	15,000 kg
Machine dimensions (L × W × H)	6.2 × 2.8 × 3.8 m
Clamping force	260 kN
Screw diameter	80 mm
Total installed power	90.25 kW
Maximum mold size (W × H)	640 × 510 mm

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catalogue pp. 25–26

REQUEST A QUOTATION

Send your product drawing or sample, resin, volume, weight and hourly output target.
[tongdamachinery.com/contact](https://www.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

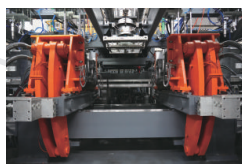
HSII-12L产品及模头尺寸 (mm)													
No. of cavity	Center distance												
		A	B	A	B	Φ	A	B	A	B			
		250	180	300	250	180	300	240	300	240	300		
	240	210	110	250	210	110	250	180	250	180	250		
	160				130	90	220	120	220	120	220		
	120							90	200	90	200		



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

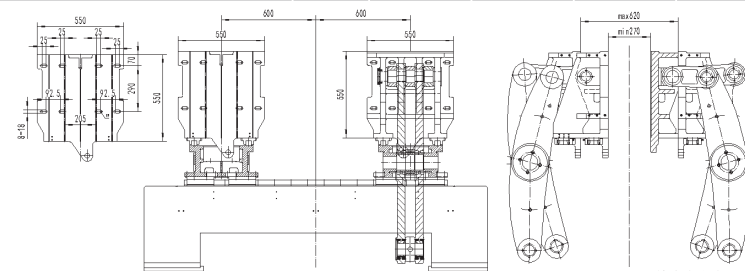


HS-开合模
HS-Toggle Arm



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
模版图 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.