

HS SERIES · EXTRUSION BLOW MOLDING

HS-30L

Single-station hydraulic servo extrusion blow molding for 20–30 L jerry cans and stackable containers on a split-type frame.



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

30 L

CLAMPING FORCE

300 kN

TOTAL POWER

140 kW

SPECIFICATIONS

Stations	Single
Max. product volume	30 L
Dry cycle	480 pc/h
HDPE output	160 kg/h
Machine weight	22,000 kg
Machine dimensions (L × W × H)	6.9 × 4.1 × 4 m
Clamping force	300 kN
Screw diameter	100 mm
Total installed power	140 kW
Maximum mold size (W × H)	740 × 680 mm

IN THIS DATASHEET

- 1 Overview and key specifications
this page
- 2 2026 catalogue specification
catalogue pp. 31–32

REQUEST A QUOTATION

Send your product drawing or sample, resin, volume, weight and hourly output target.
[tongdamachinery.com/contact](http://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/hs-30l/

31/32

TONGDA MACHINERY

同心合力 一起壮大
GROWING WITH PARTNERS

www.tongdamachine.com

CE

分体式机架系列

SPLIT-TYPE FRAME SERIES



HS-30L (挤出中空吹塑设备)
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-二次冷却系统
HS-Post Cooling System

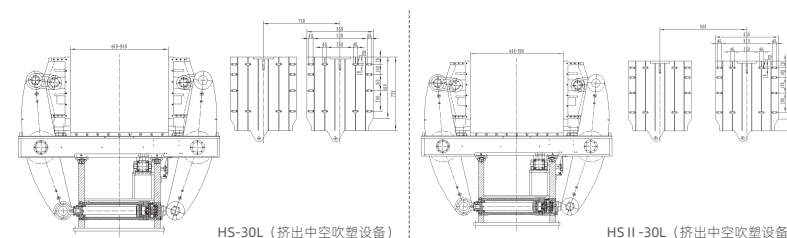


HS-废料回收系统
HS-Waste Material Recycling System



技术参数 TECHNICAL PARAMETER

项目/ITEM	单位/UNITS	机型/MODEL			
机型 Model		HS-30L	HS II -30L	HSE-30L	HSE II -30L
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	30	30	30	30
空循环 Dry Cycle	pc/h	480	480×2	750	900
HDPE塑料挤出量 Output of HDPE	kg/h	160	300	160	300
机器重量 Weight of Machine	T	22	35	23	35
机器外形尺寸 Size of Machine	m,LxWxH	6.9×4.1×4	7.5×7×4.2	7.0×4.6×4.5	7.5×7.0×4.5
模头 Die Head					
最大口模直径(单模头) Max. Die Diameter (Single-head)	mm	250	250	250	250
模头加热功率(单模头) Die Head Heating Power (Single-head)	kW	15	15	26	26
模头加热段数(单模头) Die Head Heating Zone (Single-head)	/	4	4	8	8
开合模系统 Clamping Unit					
开合模行程 Platen Distance	mm	460-960	460-960	490-960	490-960
移模行程 Mold Moving Stroke	mm	750	900	750	900
锁模力 Clamping Force	kN	300	300	300	300
挤出系统 Extruder Unit					
螺杆直径 Screw Diameter	mm	100	120	80	100
螺杆长径比 Screw Length/Diameter Ratio	/	25:1	28:1	30:1	30:1
螺杆加热功率 Screw Heating Power	kW	21	31	19	23
螺杆加热区段 No. of Heating Zone (Screw)	/	4	5	4	4
螺杆电机功率 Screw Motor Power	kW	45	90	55	90
动力系统 Power Unit					
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+4	31.5+4	/	/
装机总功率 Total Power	kW	140	200	156.5	241.5
备注 Remarks					
气体用量 Air Consumption	m ³ /min	≥3	≥7	≥3.5	≥7
吹气压力 Blow Pressure	MPa	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0
冷却水压力 Cooling Water Pressure	MPa	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6
用水量 Water Consumption	L/min	350	470	350	470
模具最大尺寸 Max.Size of Mold	mm,WxH	740×680	890×680	740×680	890×680
模板图 Formwork Drawing					



HS-30L (挤出中空吹塑设备)

HS II -30L (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.