

SPECIAL-PURPOSE MACHINES · EXTRUSION BLOW MOLDING

TDW-160E

Extrusion blow molding for large panels and tall, thin hollow products, with independent mold-locking cylinders.



Tongda designs and manufactures the main machine components and offers project-specific configurations. Share your bottle or part drawing to discuss the mold, head arrangement and handling requirements.

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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
Single	160 L	1200 kN	215 kW

SPECIFICATIONS

Stations	Single
Max. product volume	160 L
Dry cycle	100 pc/h
HDPE output	300 kg/h
Machine weight	22,000 kg
Machine dimensions (L × W × H)	7.6 × 3.2 × 5.6 m
Clamping force	1200 kN
Screw diameter	120 mm
Total installed power	215 kW
Maximum mold size (W × H)	1200 × 1900 mm

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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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www.tongdamachinery.com/product/tdw-160e/

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TONGDA MACHINERY

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GROWING WITH PARTNERS

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CE

无拉杆系列

TIE-BAR-LESS SERIES

性能和优点

- 锁模力大且分布均匀，保证制品稳定性；
- 适配自动化产线。

PERFORMANCE AND ADVANTAGES

- High & Even Clamping Force Ensures Product Stability;
- Automation-Ready Design.

**TDW-160E** (挤出中空吹塑设备)
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE**TDW-350A** (挤出中空吹塑设备)
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE封装装置
Upper Sealing无拉杆技术
Tie-bar-less Technology液压伺服节能系统
Servo-Hydraulic Energy-Saver

技术参数 TECHNICAL PARAMETER

项目 / ITEM	单位 / UNITS	机型 / MODEL		
机型 Model		TDW-160B	TDW-160E	TDW-350A
基本参数 Specification				
工位数 Station	/	单Single	单Single	单Single
制品最大容积 Max. Product Volume	L	160	160	350
空循环 Dry Cycle	pc/h	100	100	100
HDPE塑料挤出量 Output of HDPE	kg/h	220	300	360
机器重量 Weight of Machine	T	22	22	45
机器外形尺寸 Size of Machine	m,LxWxH	7.3x3.1x4.7	7.6x3.2x5.6	9.3x3.4x6.4
模头 Die Head				
最大口模直径 Max. Die Diameter	mm	550	680	900
模头加热段数 Die Head Heating Zone	/	6	6	7
储料量 Capacity of Accumulator Head		18	28	35
模头加热功率 Die Head Heating Power	kW	38	51.5	60
开合模系统 Clamping Unit				
开合模行程 Platen Distance	mm	600-1500	500-1900	750-1800
锁模力 Clamping Force	kN	660	1200	1800
挤出系统 Extruder Unit				
螺杆直径 Screw Diameter	mm	100	120	120
螺杆长径比 Screw Length/Diameter Ratio	/	28:1	28:1	30:1
螺杆加热功率 Screw Heating Power	kW	24	31	38
螺杆加热区段 No. of Heating Zone (Screw)	/	5	5	4
螺杆电机功率 Screw Motor Power	kW	75	90	132
动力系统 Power Unit				
油泵电机功率 Hydraulic Pump Driving Power	kW	31.5+11	31.5+11	31.5+11
装机总功率 Total Power	kW	179.5	215	272.5
备注 Remarks				
气体用量 Air Consumption	m³/min	2	2	2
吹气压力 Blow Pressure	MPa	0.6	0.6	0.6
冷却水压力 Cooling Water Pressure	MPa	0.4	0.4	0.4
用水量 Water Consumption	L/min	300	300	300
模具厚度范围 Mold Thickness Range	mm	600-680	500-800	750-880
模具最大尺寸 Max. Size of Mold	mm,WxH	1100x1400	1200x1900	1600x1900
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.