SPECIAL-PURPOSE MACHINES · EXTRUSION BLOW MOLDING

TDW-160B

Tie-bar-less accumulator-head extrusion blow molding for large panels and tall hollow products, with an 18 L accumulator head.

TDW-160E shown

TDW machines are tie-bar-less accumulator-head machines for large panels and tall, thin hollow products. According to the 2026 catalogue, the clamping force is high and even for product stability, and the design is ready for automation. 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
Single	**160 L**	**660 kN**	**179.5 kW**

SPECIFICATIONS

Stations	**Single**
Max. product volume	**160 L**
Dry cycle	**100 pc/h**
HDPE output	**220 kg/h**
Accumulator head capacity	**18 L**
Machine weight	**22,000 kg**
Machine dimensions (L × W × H)	**7.3 × 3.1 × 4.7 m**
Clamping force	**660 kN**
Screw diameter	**100 mm**
Total installed power	**179.5 kW**
Maximum mold size (W × H)	**1100 × 1400 mm**

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1 Overview and key specifications
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2 2026 catalogue specification
catalogue pp. 47–48

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

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同心合力 一起壮大
GROWING WITH PARTNERS
www.tongdamachine.com

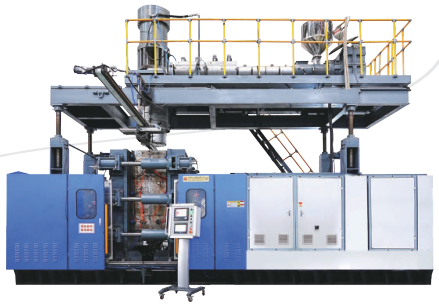
CE

无拉杆系列
TIE-BAR-LESS SERIES

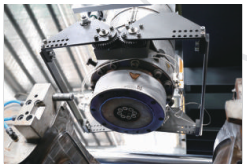
性能和优点
- 锁模力大且分布均匀，保证制品稳定性；
- 适配自动化产线。

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

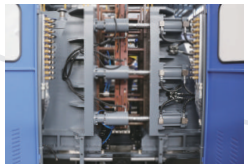
TDW-160E（挤出中空吹塑设备）
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



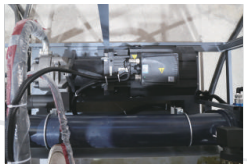
TDW-350A（挤出中空吹塑设备）
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



包封装置
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,L×W×H	7.3×3.1×4.7	7.6×3.2×5.6	9.3×3.4×6.4
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	m^3/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,W×H	1100×1400	1200×1900	1600×1900
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.