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TONGDA

MACHINERY



ONE-STOP SMART MANUFACTURING
EXTRUSION BLOW MOLDING SOLUTIONS



SUZHOU TONGDA MACHINERY CO., LTD.

Address: No. 21 Fenghuang Avenue, Zhangjiagang, Suzhou, Jiangsu, China
Factory 2: No. 2 Chuangxing Road, Zhangjiagang, Suzhou, Jiangsu, China

Domestic sales: +86-512-56370130
International sales: +86-512-56370112
After-sales service: +86-512-56370137
Email: info@tongdamachine.com
Postal code: 215614

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TONGDA
MACHINERY



GROWING WITH PARTNERS

We put customers first and listen closely to their needs.

Our experienced technical team develops practical solutions tailored to each customer.

We are committed to customer success and to creating lasting value together.



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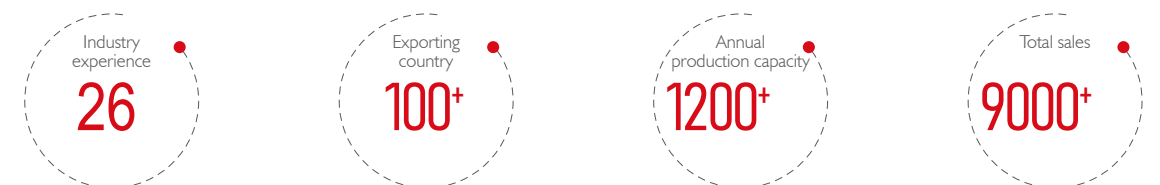


ABOUT TONGDA MACHINERY

Founded in 1999, Suzhou Tongda Machinery Co., Ltd. provides complete-plant smart manufacturing solutions centered on extrusion blow molding equipment.

For 15 consecutive years, Tongda has ranked among the top three companies in China's extrusion blow molding machinery sector. It is a vice-president member of the China Plastics Machinery Industry Association and a nationally recognized specialized and innovative "Little Giant" enterprise.

Tongda operates three manufacturing plants covering approximately 100,000 square meters, with annual production capacity exceeding 1,200 machines and systems.



As of 2025, Tongda has contributed to six national standards, one industry standard and one association standard, and holds more than 90 national patents.

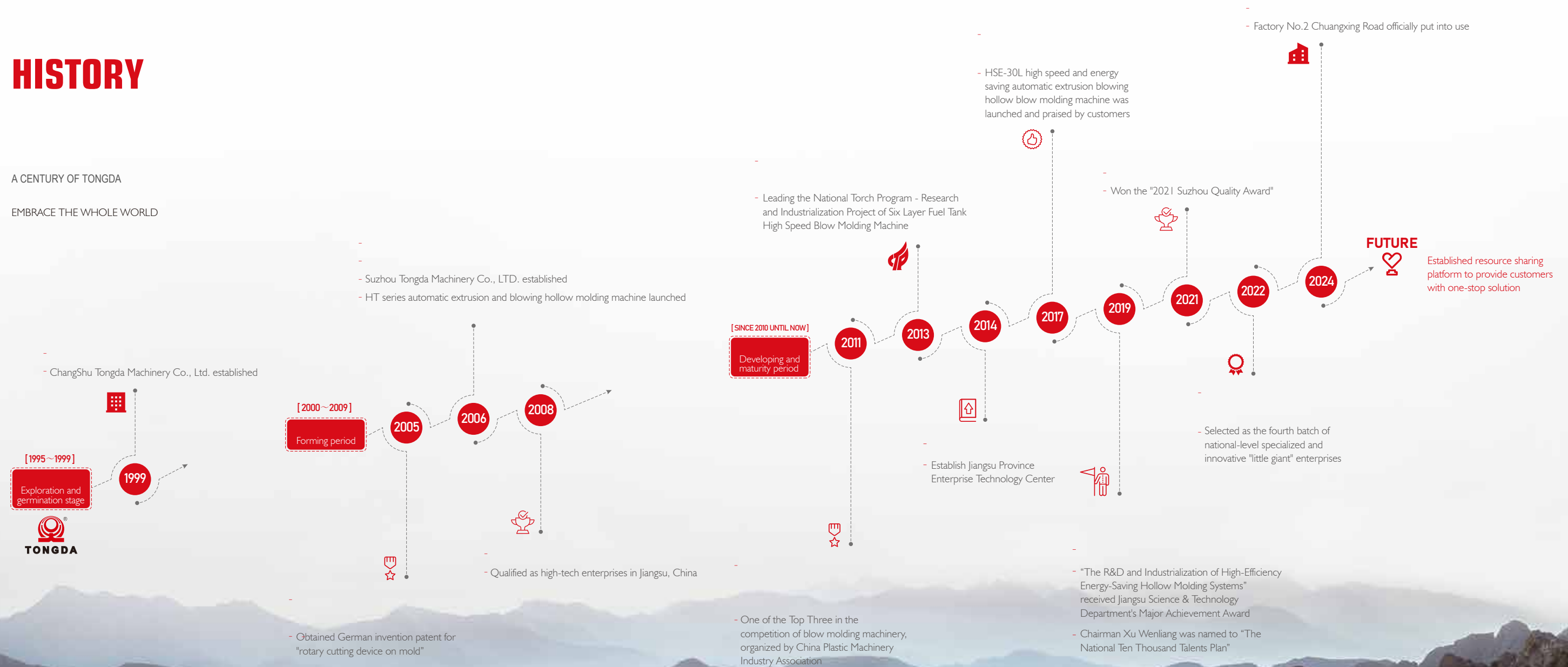
Over 26 years, Tongda has supplied more than 9,000 machines and systems to customers in over 100 countries and regions. Applications include chemicals, household products, automotive parts, crop protection, food packaging, outdoor leisure, medical products, logistics and warehousing, photovoltaics, school furniture and transportation infrastructure.

A network of 27 overseas and 14 domestic sales and service centers provides professional support 24 hours a day, seven days a week. Guided by "Growing with Partners," Tongda delivers customized products and services that create shared value.

HISTORY

A CENTURY OF TONGDA

EMBRACE THE WHOLE WORLD



CULTURE



MOTTO

Growing With Partners



MISSION

Driven by technological innovation, creating value for customers, creating opportunities for employees, and creating wealth for society



VISION

Build a lasting enterprise and lead the extrusion blow molding industry.



VALUE

Customer success, integrity, practical innovation and continuous improvement.



AWARDS & RECOGNITION

Innovation, quality and industry leadership
Figures and recognitions reproduced from the 2025 catalogue.

25	Software copyrights
72	Chinese invention patents
1	German invention patent with full proprietary rights
25	Utility model patents
2	China Outstanding Patent Awards
2	China Machinery Industry Science and Technology Awards

NATIONAL RECOGNITION

Specialized and innovative "Little Giant" enterprise (2022).
National intellectual property advantage enterprise (November 2023 - October 2026).

INDUSTRY LEADERSHIP

Vice-president member, China Plastics Machinery Industry Association (May 2013).
2024 Top 40 Chinese plastics machinery manufacturers and Top 5 blow molding machinery companies.

RESEARCH & DEVELOPMENT

Jiangsu Enterprise Technology Center.
Jiangsu Engineering Technology Research Center for Extrusion Blow Molding (2013).
Jiangsu Enterprise Postgraduate Workstation (August 2012).

QUALITY & CREDIT

Jiangsu Premium Brand certification: TDB-160F accumulator-head extrusion blow molding machine (August 2024).
AAA enterprise credit rating.
Zhangjiagang New Industrialization Leading Enterprise Award (2023; presented January 2024).

PEOPLE & PATENTS

National Ten Thousand Talents Program expert (June 2019).
Awarded patents include a plastic blow molding machine die structure (ZL 201010584290.0) and nanoscale multilayer composite extrusion equipment (ZL 201410135993.3).

MANAGEMENT SYSTEMS

ISO 9001, ISO 14001 and ISO 45001, as shown in the source catalogue.
Intellectual property management system certification to GB/T 29490-2013.
CE compliance documentation and patent certificates are featured in the original catalogue.

PROCESSING

BUILD AN EXPLORER IN MECHANICAL
EQUIPMENT INDUSTRY



During the past 26 years, Tongda Machinery has always adhered to the principle of "quality is the foundation of the enterprise", focusing on the field of plastic hollow forming technology, strictly controlling every step of the processing process, and striving to respond to fierce market competition with first-class quality products, creating value for customers together.

Tongda ensures product quality with its precision machine manufacturing process, innovative technology, and strict quality control process.



Globalization

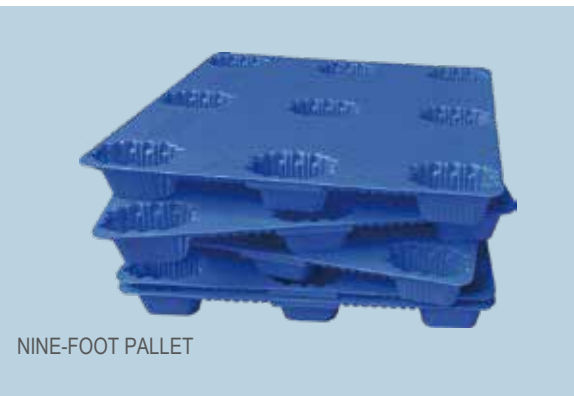


Digitalization



Green Transition

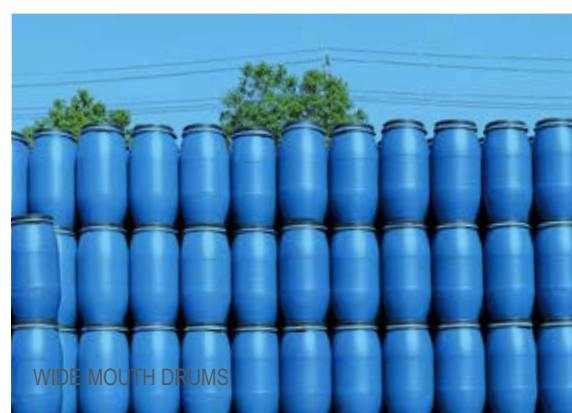




APPLICATION AREAS

Tongda equipment serves household products, food packaging, chemicals, automotive parts, photovoltaics and semiconductors, medical products, transportation and logistics.

From concept and system design to efficient delivery, we provide reliable solutions tailored to each industry and customer.





2L

EXTRUSION BLOW MOLDING MACHINE

HT-2L & HTII-2L - Product and platen dimensions (mm)										
No. of cavity	Center distance									
		A	B	H	A	B	H	Φ	A	H
		155	90	220	155	90	220	100	220	220
	130	95	95	220	95	95	220	95	220	220
	85				65	65	220	65	220	220
	60/65				50	50	120	50	120	120



HT -2L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS-2L & HTSII-2L - Product and platen dimensions (mm)										
No. of cavity	Center distance									
		A	B	H	A	B	H	Φ	A	H
		155	90	220	155	90	220	100	220	220
	130	95	95	220	95	95	220	95	220	220
	85				65	65	220	65	220	220
	60/65				50	50	120	50	120	120

HTSII-2L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS-Platen



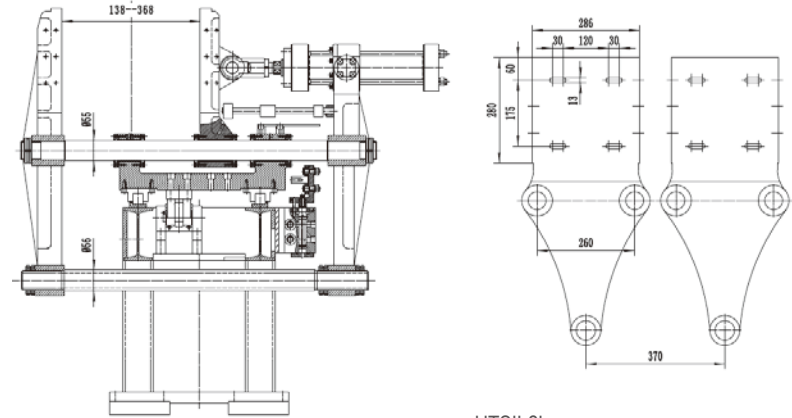
HT & HTS-Triple Die Head



HT & HTS-Electrical System

TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HT-2L	HT II -2L	HTS-2L	HTS II -2L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	2	2	2	2
Dry Cycle	pc/h	900	900×2	900	900×2
Output of HDPE	kg/h	50	60	50	60
Weight of Machine	T	3.3	3.9	4	6
Size of Machine	m,L×W×H	3.1×1.6×2.4	3.3×2.2×2.6	3.3×2.1×2.6	3.5×2.2×2.6
Die Head					
Max. Die Diameter (Single-head)	mm	108	108	108	108
Die Head Heating Power (Single-head)	kW	5.2	5.2	5.2	5.2
Die Head Heating Zone (Single-head)	/	3	3	3	3
Central Distance of Double-head	mm	130	130	130	130
Max. Die Diameter (Double-head)	mm	72	72	72	72
Die Head Heating Power (Double-head)	kW	7	7	7	7
Die Head Heating Zone (Double-head)	/	5	5	5	5
Clamping Unit					
Platen Distance	mm	138-368	138-368	138-368	138-368
Mold Moving Stroke	mm	320	370	370	370
Clamping Force	kN	44	44	44	44
Extruder Unit					
Screw Diameter	mm	50	60	50	60
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	6.8	11.2	6.8	11.2
No.of Heating Zone (Screw)	/	3	3	3	3
Screw Motor Power	kW	11	15	11	15/22
Power Unit					
Hydraulic Pump Driving Power	kW	7.5	7.5	7.5	7.5
Total Power	kW	30.5	39	30.5	39
Remarks					
Air Consumption	m ³ /min	0.4	0.4	0.4	0.4
Blow Pressure	MPa	0.6	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
Water Consumption	L/min	35	35	35	35
Max.Size of Mold	mm,W×H	310×320	360×320	360×320	360×320
Product & Formwork Drawing					



HTSII-2L

Note: The parameters above are just for reference, which can be designed by your requirements.



2L

EXTRUSION BLOW MOLDING MACHINE



HSII-2L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HSE-2L

FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE



HSE-Extrusion Drive Unit



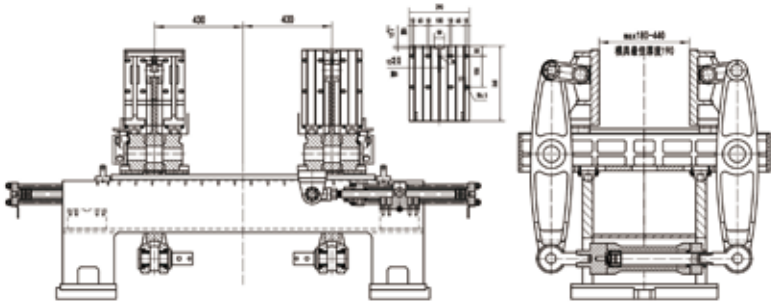
HSE-Mold Drive Unit



HSE-Wall Thickness Drive Unit

TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HS-2L	HS II -2L	HSE-2L	HSE II -2L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	2	2	2	2
Dry Cycle	pc/h	900	900×2	1500	1900
Output of HDPE	kg/h	50	60	50	60
Weight of Machine	T	8	12	9	14
Size of Machine	m,L×W×H	4.3×2.5×2.8	4.8×2.7×3.0	4.6×2.2×3.3	5.0×2.6×3.3
Die Head					
Max. Die Diameter (Single-head)	mm	108	108	108	108
Die Head Heating Power (Single-head)	kW	6	6	6	6
Die Head Heating Zone (Single-head)	/	4	4	4	4
Central Distance of Double-head	mm	130	130	130	130
Max. Die Diameter (Double-head)	mm	72	72	72	72
Die Head Heating Power (Double-head)	kW	7	7	7	7
Die Head Heating Zone (Double-head)	/	5	5	5	5
Clamping Unit					
Platen Distance	mm	180-440	180-440	180-440	180-440
Mold Moving Stroke	mm	430	430	450	450
Clamping Force	kN	70	70	100	100
Extruder Unit					
Screw Diameter	mm	50	60	50	60
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	6.8	11.2	6.8	11.2
No.of Heating Zone (Screw)	/	3	3	3	3
Screw Motor Power	kW	11	15	11	15
Power Unit					
Hydraulic Pump Driving Power	kW	12.5+4	12.5+4	/	/
Total Power	kW	40.3	48.7	42.35	65
Remarks					
Air Consumption	m ³ /min	0.8	1	≥1.2	≥2.4
Blow Pressure	MPa	≥0.6	≥0.6	≥0.8	≥0.8
Cooling Water Pressure	MPa	≥0.4	≥0.4	≥0.4	≥0.4
Water Consumption	L/min	80	100	150	180
Max.Size of Mold	mm,W×H	420×320	420×320	440×320	440×320
Product & Formwork Drawing					



HSII-2L

Note: The parameters above are just for reference, which can be designed by your requirements.



10mL-1L

EXTRUSION BLOW MOLDING MACHINE

HTII-3L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HT-Triple Die Head

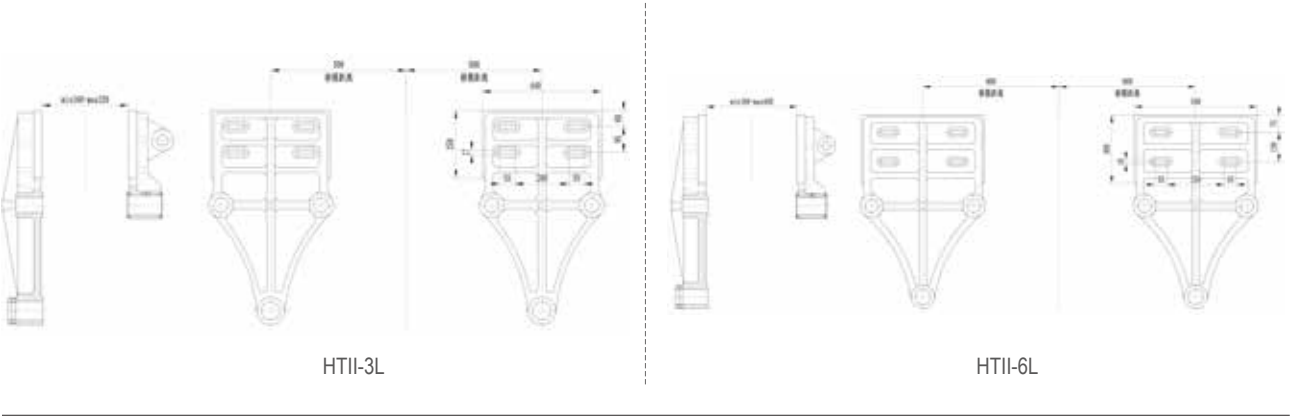


HT-Blow Pin System

HTII-3L/6(4) - Product and platen dimensions (mm)											
No. of cavity	Center distance										
		A	B	H	A	B	H	Φ	H	A	H
		230	140	300	230	140	300	140	300	140	300
	160 (180)	140	80	200	150	80	200	140	200	140	200
	110				85	85	220	85	220	85	220
	80 (90)							70	200	70	200

TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HT II -3L/6	HT II -3L/4	HT II -6L/6	HT II -6L/4
Specification					
Station	/	Double	Double	Double	Double
Max. Product Volume	L	0.35	0.6	0.6	1
Dry Cycle	pc/h	800×2	800×2	700×2	700×2
Output of HDPE	kg/h	85	85	110	110
Weight of Machine	T	7	7	8	8
Size of Machine	m,LxWxH	3.8×2.7×2.5	3.8×2.7×2.5	4.2×3.2×2.7	4.2×3.2×2.7
Die Head					
Central Distance of Double-head	mm	70	100	90	130
Max. Die Diameter	mm	25	25	25	35
Die Head Heating Power	kW	13.5	12	16	20.5
Die Head Heating Zone	/	13	10	14	10
Clamping Unit					
Platen Distance	mm	160-320	160-320	160-400	160-400
Mold Moving Stroke	mm	500	500	600	600
Clamping Force	kN	70	70	110	110
Extruder Unit					
Screw Diameter	mm	70	70	80	80
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	13.2	13.2	19	19
No.of Heating Zone (Screw)	/	3	3	4	4
Screw Motor Power	/	22	22	30	30
Power Unit					
Hydraulic Pump Driving Power	kW	11	11	15	15
Total Power	kW	60	60	78	78
Remarks					
Air Consumption	m³/min	0.8	0.8	0.8	0.8
Blow Pressure	MPa	0.6	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
Water Consumption	L/min	80	80	80	80
Max.Size of Mold	mm,WxH	490×250	490×250	590×300	590×300
Formwork Drawing					



Note: The parameters above are just for reference, which can be designed by your requirements.



5L

EXTRUSION BLOW MOLDING MACHINE



HT-5L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

HTS-5L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS-Platen

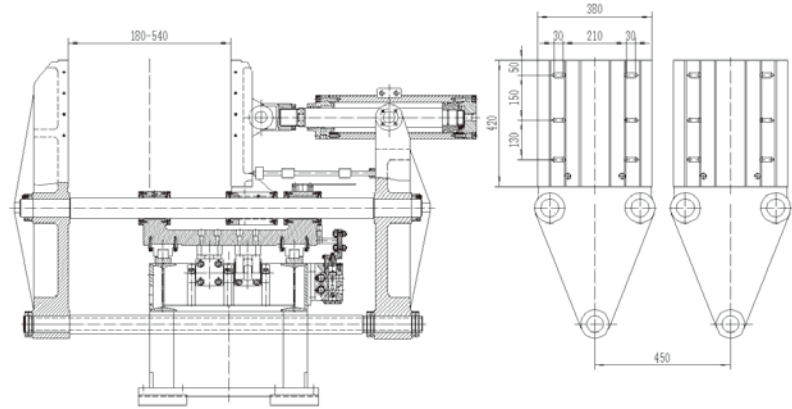


HTS-Beveled Blow Pin

HTS-5L & HTSII-5L - Product and platen dimensions (mm)											
No. of cavity	Center distance										
		A	B	H	A	B	H	Φ	H	A	H
		230	140	300	230	140	300	140	300	140	300
	160 (180)	140	80	200	150	80	200	140	200	140	200
	110				85	85	220	85	220	85	220
	80 (90)							70	200	70	200

TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HT-5L	HT II -5L	HTS-5L	HTS II -5L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	5	5	5	5
Dry Cycle	pc/h	700	700×2	700	700×2
Output of HDPE	kg/h	60	85	85	110
Weight of Machine	T	4	5.5	6	8
Size of Machine	m,LxWxH	3.6×2.1×2.6	3.9×2.3×2.7	3.7×2.2×2.6	4.1×2.6×2.9
Die Head					
Max. Die Diameter (Single-head)	mm	145	145	145	145
Die Head Heating Power (Single-head)	kW	7.6	7.6	7.6	7.6
Die Head Heating Zone (Single-head)	/	4	4	4	4
Central Distance of Double-head	mm	160/180	160/180	160/180	160/180
Max. Die Diameter (Double-head)	mm	108	108	108	108
Die Head Heating Power (Double-head)	kW	10.7	10.7	10.7	10.7
Die Head Heating Zone (Double-head)	/	5	5	5	5
Clamping Unit					
Platen Distance	mm	180-540	180-540	180-540	180-540
Mold Moving Stroke	mm	400	400	450	450
Clamping Force	kN	70	70	110	110
Extruder Unit					
Screw Diameter	mm	60	70	70	80
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	11	13.2	13.2	19
No.of Heating Zone (Screw)	/	3	3	3	4
Screw Motor Power	/	15	22	22	30
Power Unit					
Hydraulic Pump Driving Power	kW	11	11	15	15
Total Power	kW	44.8	53.8	57.8	71.6
Remarks					
Air Consumption	m ³ /min	0.4	0.6	0.4	0.6
Blow Pressure	MPa	0.6	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
Water Consumption	L/min	50	70	80	100
Max.Size of Mold	mm,WxH	390×390	390×390	440×420	440×420
Product & Formwork Drawing					



HTSII-5L

Note: The parameters above are just for reference, which can be designed by your requirements.



5L

EXTRUSION BLOW MOLDING MACHINE



HSEII-5L

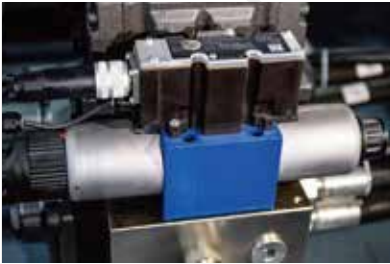
FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

HSII-5L - Product and platen dimensions (mm)											
No. of cavity	Center distance										
		A	B	H	A	B	H	Φ	H	A	H
		230	140	300	230	140	300	140	300	140	300
	160 (180)	140	80	200	150	80	200	140	200	140	200
	110 (120)				85	85	220	85	220	85	220
	80 (90)							70	200	70	200



HSII-5L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-Proportional Valve



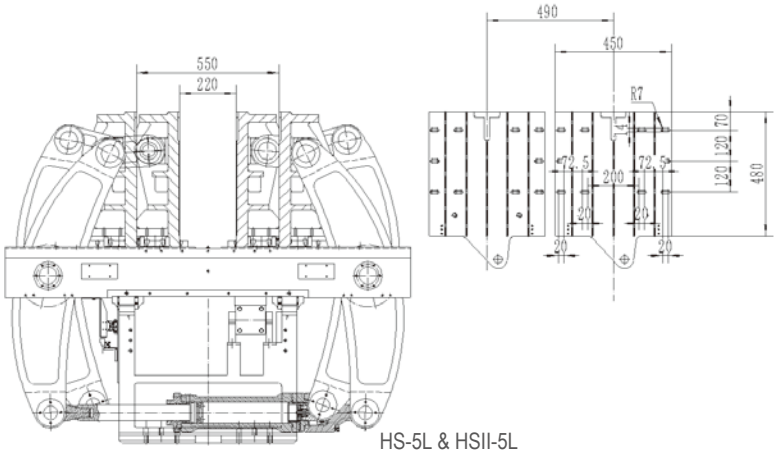
HS-Waste Material Recycling System



HS-In Mould Labeling

TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HS-5L	HS II -5L	HSE-5L	HSE II -5L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	5	5	5	5
Dry Cycle	pc/h	900	900×2	1300	1600
Output of HDPE	kg/h	85	110	85	130
Weight of Machine	T	10	13	10	22
Size of Machine	m,LxWxH	5.2×2.5×3.2	5.2×2.7×3.3	4.6×2.6×3.5	7.1×4×4.5
Die Head					
Max. Die Diameter (Single-head)	mm	145	145	145	145
Die Head Heating Power (Single-head)	kW	7.6	7.6	9	9
Die Head Heating Zone (Single-head)	/	4	4	5	5
Central Distance of Double-head	mm	160/180	160/180	180/200	180/200
Max. Die Diameter (Double-head)	mm	108	108	110	110
Die Head Heating Power (Double-head)	kW	12	12	14	14
Die Head Heating Zone (Double-head)	/	5	5	11	11
Clamping Unit					
Platen Distance	mm	220-550	220-550	300-660	300-660
Mold Moving Stroke	mm	490	490	550	550
Clamping Force	kN	158	158	158	158
Extruder Unit					
Screw Diameter	mm	70	80	70	90
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	13.2	19	13.2	17.4
No.of Heating Zone (Screw)	/	3	4	3	4
Screw Motor Power	/	22	30	22	37
Power Unit					
Hydraulic Pump Driving Power	kW	17+4	17+4	/	/
Total Power	kW	63.5	80	66.25	106.9
Remarks					
Air Consumption	m ³ /min	1	1.2	≥1.6	≥3.2
Blow Pressure	MPa	≥0.6	≥0.6	≥0.8	≥0.8
Cooling Water Pressure	MPa	≥0.4	≥0.4	≥0.4	≥0.4
Water Consumption	L/min	100	120	200	370
Max.Size of Mold	mm,WxH	480×450	480×450	540×430	540×430
Product & Formwork Drawing					



Note: The parameters above are just for reference, which can be designed by your requirements.



12L

EXTRUSION BLOW MOLDING MACHINE

HT-12L & HTII-12L - Product and platen dimensions (mm)										
No. of cavity	Center distance									
		A	B	H	A	B	H	Φ	H	
		250	180	300	250	180	300	240	300	240 300'
	240 260	210	110	250	210	110	250	180	250	180 250'
	160				130	90	220	120	220	120 220'
	120							90	200	90 200'



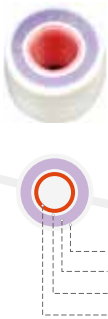
HT-12L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



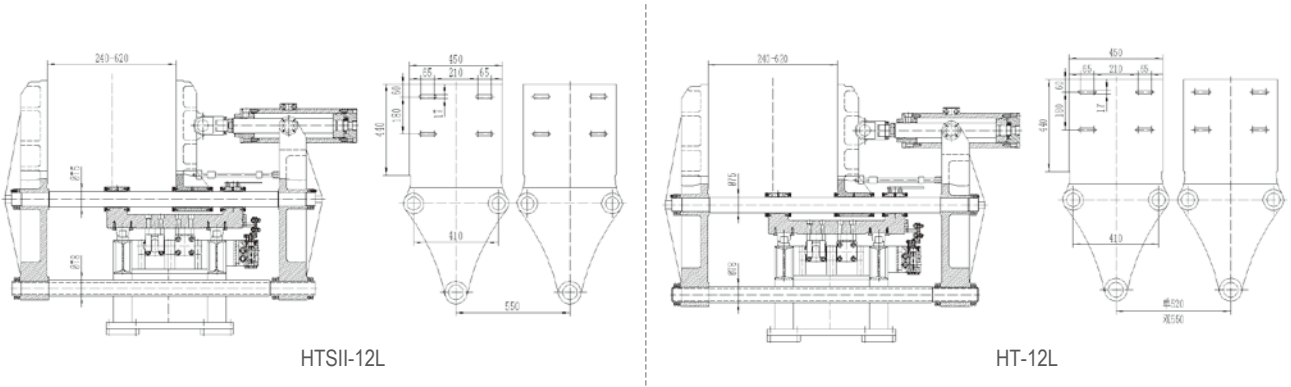
HTSII-12L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HT-12L	HT II -12L	HTS-12L	HTS II -12L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	12	12	12	12
Dry Cycle	pc/h	700	700×2	700	700×2
Output of HDPE	kg/h	85/110	130	110	130
Weight of Machine	T	7	9	8	12
Size of Machine	m,L×W×H	4.2×2.2×3.1	4.5×3.0×3.2	4.2×2.3×3.1	4.3×3.0×3.2
Die Head					
Max. Die Diameter (Single-head)	mm	220	220	220	220
Die Head Heating Power (Single-head)	kW	9.1	9.1	9.1	9.1
Die Head Heating Zone (Single-head)	/	3	3	3	3
Central Distance of Double-head	mm	240/260	240/260	240/260	240/260
Max. Die Diameter (Double-head)	mm	120	120	120	120
Die Head Heating Power (Double-head)	kW	15	15	15	15
Die Head Heating Zone (Double-head)	/	7	7	7	7
Clamping Unit					
Platen Distance	mm	240-620	240-620	240-620	240-620
Mold Moving Stroke	mm	520	550	550	550
Clamping Force	kN	110	110	158	158
Extruder Unit					
Screw Diameter	mm	70/80	90	80	90
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	13.2/19	17.4	19	17.4
No.of Heating Zone (Screw)	/	3/4	4	4	4
Screw Motor Power	kW	22/30	37	30	37
Power Unit					
Hydraulic Pump Driving Power	kW	15	15	15	15
Total Power	kW	59.3/73.1	78.5	73.1	78.5
Remarks					
Air Consumption	m ³ /min	0.5	0.7	0.6	0.8
Blow Pressure	MPa	0.6	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
Water Consumption	L/min	100	120	100	120
Max.Size of Mold	mm,W×H	510×500	540×500	540×500	540×500
Formwork Drawing					



Note: The parameters above are just for reference, which can be designed by your requirements.



12L

EXTRUSION BLOW MOLDING MACHINE



HSEII-12L

FULLY ELECTRIC
EXTRUSION BLOW MOLDING MACHINE

HSII-12L - Product and platen dimensions (mm)										
No. of cavity	Center distance									
		A	B	A	B	A	B	A	B	
1		250	180	300	250	180	300	240	300	240 300'
2	240 260	210	110	250	210	110	250	180	250	180 250'
3	160			130	90	220	120	220	120	220 120'
4	120					90	200	90	200	200 90'



HSII-12L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-Extrusion Die System

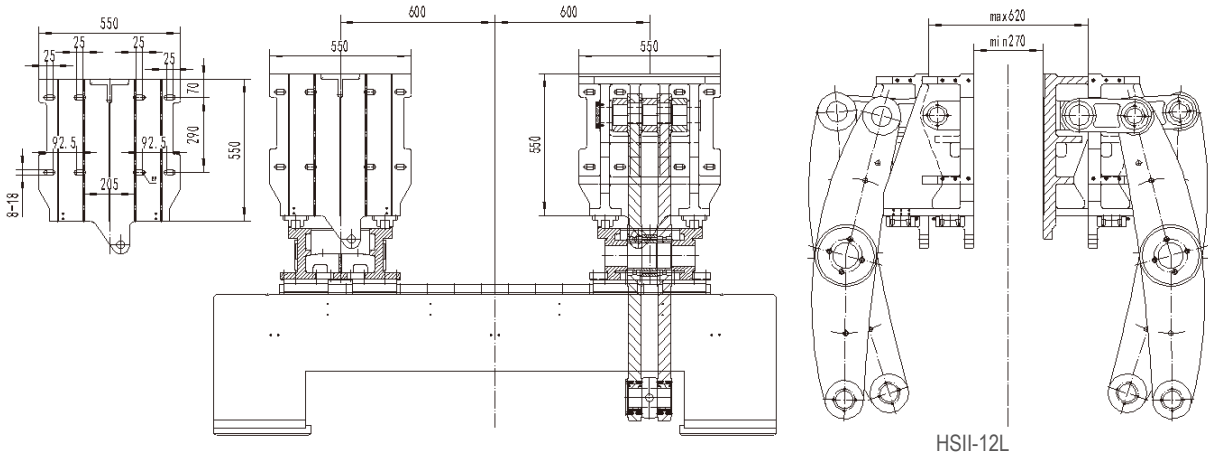


HS-Toggle Arm



TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HS-12L	HS II -12L	HSE-12L	HSE II -12L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	12	12	12	12
Dry Cycle	pc/h	700	700×2	1000	1200
Output of HDPE	kg/h	110	160	110	160
Weight of Machine	T	15	18	15	24
Size of Machine	m,LxWxH	5.5×2.7×3.3	5.5×3.1×3.4	6.2×2.8×3.8	7.5×3.8×4.5
Die Head					
Max. Die Diameter (Single-head)	mm	220	220	220	220
Die Head Heating Power (Single-head)	kW	8	9.1	12	12
Die Head Heating Zone (Single-head)	/	3	3	6	6
Central Distance of Double-head	mm	240/260	240/260	240/260	240/260
Max. Die Diameter (Double-head)	mm	140	140	140	140
Die Head Heating Power (Double-head)	kW	15	15	20	20
Die Head Heating Zone (Double-head)	/	7	7	11	11
Clamping Unit					
Platen Distance	mm	270-620	270-620	360-780	360-780
Mold Moving Stroke	mm	600	600	650	650
Clamping Force	kN	220	220	260	260
Extruder Unit					
Screw Diameter	mm	90	100	80	100
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	17.4	21	19	21
No.of Heating Zone (Screw)	/	4	4	4	4
Screw Motor Power	/	37	45	30	45
Power Unit					
Hydraulic Pump Driving Power	kW	17+4	17+4	/	/
Total Power	kW	86	96.1	90.25	132.7
Remarks					
Air Consumption	m ³ /min	1.2	1.6	≥2	≥3.5
Blow Pressure	MPa	0.6	0.6	≥0.8	≥0.8
Cooling Water Pressure	MPa	≥0.4	≥0.4	≥0.4	≥0.4
Water Consumption	L/min	120	150	250	370
Max.Size of Mold	mm,WxH	590×500	590×500	640×510	640×510
Formwork Drawing					



Note: The parameters above are just for reference, which can be designed by your requirements.



18&20L

EXTRUSION BLOW MOLDING MACHINE

HT -18L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE

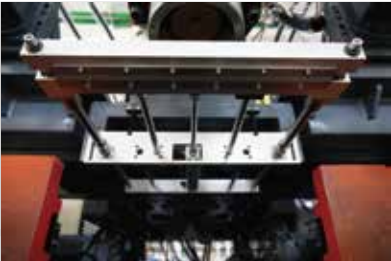


HTS-20L

FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HTS-Platen

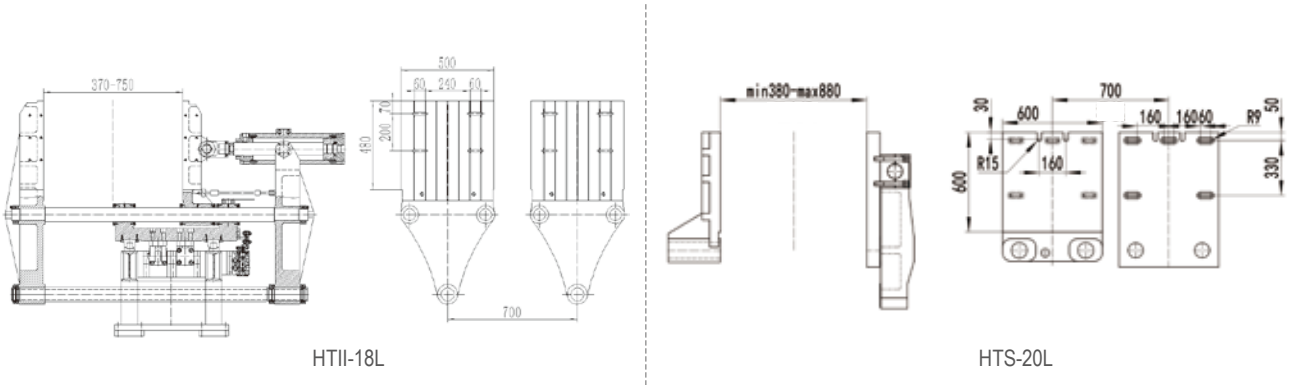


HTS-Cold Cutting Knife



TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HT-18L	HT II -18L	HTS-20L	HTS II -20L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	18	18	20	20
Dry Cycle	pc/h	650	650×2	500	650
Output of HDPE	kg/h	110	130	130	220
Weight of Machine	T	8	11	15	25
Size of Machine	m,L×W×H	4.3×2.6×3.0	4.8×3.4×3.2	5.7×2.9×3.3	6.2×3.9×3.6
Die Head					
Max. Die Diameter (Single-head)	mm	220	220	250	250
Die Head Heating Power (Single-head)	kW	9.1	9.1	15	15
Die Head Heating Zone (Single-head)	/	3	3	4	4
Central Distance of Double-head	mm	240/260	240/260	/	/
Max. Die Diameter (Double-head)	mm	120	120	/	/
Die Head Heating Power (Double-head)	kW	15	15	/	/
Die Head Heating Zone (Double-head)	/	7	7	/	/
Clamping Unit					
Platen Distance	mm	370-750	370-750	380-880	380-880
Mold Moving Stroke	mm	700	700	700	700
Clamping Force	kN	158	158	220	220
Extruder Unit					
Screw Diameter	mm	80	90	90	100
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	28:1
Screw Heating Power	kW	19	17.4	17.4	26
No.of Heating Zone (Screw)	/	4	4	4	5
Screw Motor Power	kW	30	37/45	37	75
Power Unit					
Hydraulic Pump Driving Power	kW	15	15	21+4	21+4
Total Power	kW	73.1	78.5	95.4	145
Remarks					
Air Consumption	m3/min	0.8	1	1.5	2.5
Blow Pressure	MPa	0.6	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3	0.4
Water Consumption	L/min	100	120	150	200
Max.Size of Mold	mm,W×H	690×540	690×540	690×540	690×540
Formwork Drawing					



Note: The parameters above are just for reference, which can be designed by your requirements.



SPLIT-TYPE FRAME SERIES

HTSII-8L
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HSII-20L
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-Automatic Lubrication System

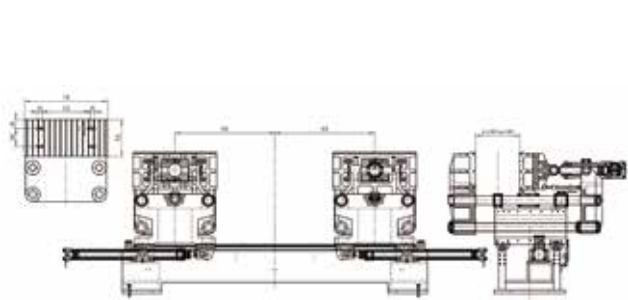


HS-Waste Material Recycling System

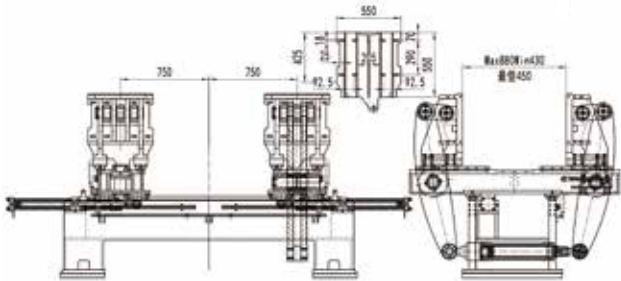


TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HTS II -8L/8	HS II -20L	EH900A II 30	EH950A II 35
Specification				(10L stackable, 2+2)	(5L household, 3+3)
Station	/	Double	Double	Double	Double
Max. Product Volume	L	1	20	10	5
Dry Cycle	pc/h	780×2	850×2	780×2	765×2
Output of HDPE	kg/h	220	220	300	300
Weight of Machine	T	25	26	28	32
Size of Machine	m,LxWxH	6.5×5.2×3.7	6.2×5.7×4.1	8×4.8×4	8.1×5.4×3.8
Die Head					
Die Head Center Distance	mm	/	/	300	280
Max. Die Diameter	mm	/	250 (1 head)	170 (2 heads)	130 (3 heads)
Die Head Heating Power	kW	/	15 (1 head)	18 (2 heads)	30 (3 heads)
Die Head Heating Zone	/	/	4 (1 head)	9 (2 heads)	11 (3 heads)
Eight-head center distance	mm	100	/	/	/
Max. Die Diameter (8 heads)	mm	50	/	/	/
Die Head Heating Power (8 heads)	kW	29.6	/	/	/
Die Head Heating Zone (8 heads)	/	23	/	/	/
Clamping Unit					
Platen Distance	mm	160-400	430-880	350-750	275-640
Mold Moving Stroke	mm	900	750	900	950
Clamping Force	kN	200	220	300	350
Extruder Unit					
Screw Diameter	mm	100	100	120	120
Screw Length/Diameter Ratio	/	28:1	28:1	28:1	28:1
Screw Heating Power	kW	26	26	31	31
No.of Heating Zone (Screw)	/	5	5	4	4
Screw Motor Power	kW	75	75	90	90
Power Unit					
Hydraulic Pump Driving Power	kW	31.5+4	21+4	31.5+4	42.5+4
Total Power	kW	165	180	174.5	197.5
Remarks					
Air Consumption	m3/min	≥2.5	≥3	≥8	≥8
Blow Pressure	MPa	≥0.6	≥0.6	0.8-1.0	0.6-0.8
Cooling Water Pressure	MPa	≥0.4	≥0.4	0.5-0.6	0.5-0.6
Water Consumption	L/min	400	400	470	470
Max.Size of Mold	mm,WxH	890×330	740×550	890×550	940×400
Formwork Drawing					



HTSII-8L



HSII-20L

Note: The parameters above are just for reference, which can be designed by your requirements.

SPLIT-TYPE FRAME SERIES



HS-30L
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



HS-Post Cooling System

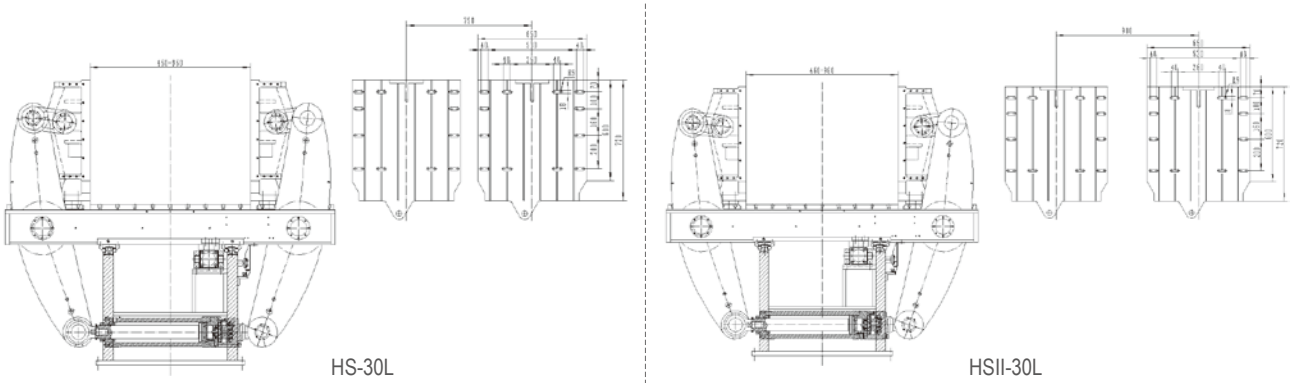


HS-Waste Material Recycling System



TECHNICAL PARAMETER

ITEM	UNITS	MODEL			
Model		HS-30L	HS II -30L	HSE-30L	HSE II -30L
Specification					
Station	/	Single	Double	Single	Double
Max. Product Volume	L	30	30	30	30
Dry Cycle	pc/h	480	480×2	750	900
Output of HDPE	kg/h	160	300	160	300
Weight of Machine	T	22	35	23	35
Size of Machine	m,L×W×H	6.9×4.1×4	7.5×7×4.2	7.0×4.6×4.5	7.5×7.0×4.5
Die Head					
Max. Die Diameter (Single-head)	mm	250	250	250	250
Die Head Heating Power (Single-head)	kW	15	15	26	26
Die Head Heating Zone (Single-head)	/	4	4	8	8
Clamping Unit					
Platen Distance	mm	460-960	460-960	490-960	490-960
Mold Moving Stroke	mm	750	900	750	900
Clamping Force	kN	300	300	300	300
Extruder Unit					
Screw Diameter	mm	100	120	80	100
Screw Length/Diameter Ratio	/	25:1	28:1	30:1	30:1
Screw Heating Power	kW	21	31	19	23
No.of Heating Zone (Screw)	/	4	5	4	4
Screw Motor Power	kW	45	90	55	90
Power Unit					
Hydraulic Pump Driving Power	kW	31.5+4	31.5+4	/	/
Total Power	kW	140	200	156.5	241.5
Remarks					
Air Consumption	m3/min	≥3	≥7	≥3.5	≥7
Blow Pressure	MPa	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0
Cooling Water Pressure	MPa	0.5-0.6	0.5-0.6	0.5-0.6	0.5-0.6
Water Consumption	L/min	350	470	350	470
Max.Size of Mold	mm,W×H	740×680	890×680	740×680	890×680
Formwork Drawing					



Note: The parameters above are just for reference, which can be designed by your requirements.



TDB SERIES STATIONARY MOLD ACCUMULATOR HEAD BLOW MOLDING MACHINES

PERFORMANCE AND ADVANTAGES

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-
- Equipped with a high-output extrusion system for uniform plasticization and rapid color/material changeover;
- Hydraulic servo-controlled energy-saving system slashes operational costs;
- Ensures high stability and precision in produced parts.



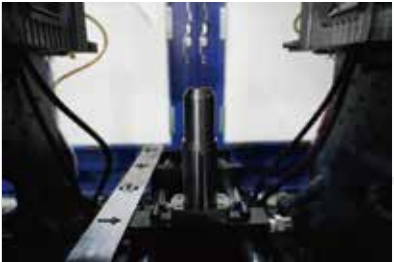
TDB-10A
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



TDB-80A
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



Electrical System



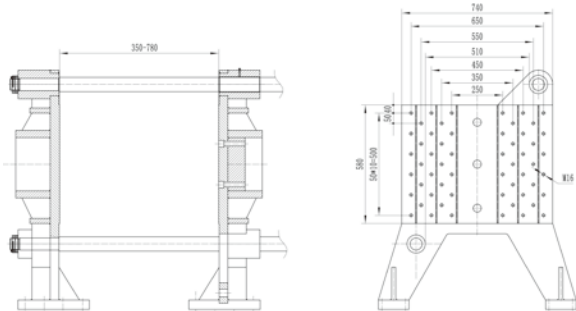
Blow Pin System



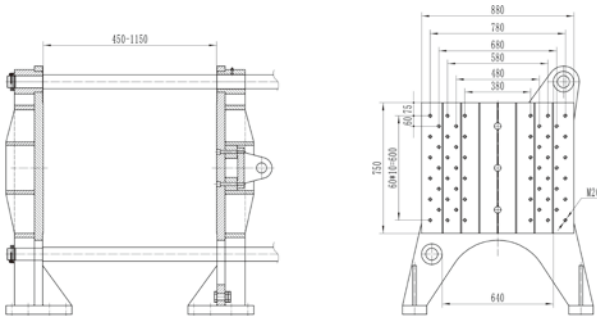
Digital Control System

TECHNICAL PARAMETER

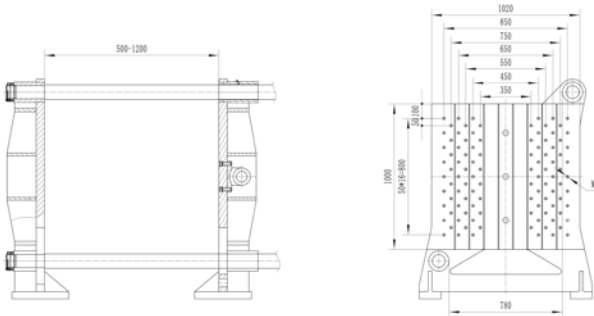
ITEM	UNITS	MODEL			
Model		TDB-10A	TDB-25A	TDB-50A	TDB-80A
Specification					
Station	/	Single	Single	Single	Single
Max. Product Volume	L	10	25	50	80
Dry Cycle	pc/h	600	600	400	240
Output of HDPE	kg/h	85	110	130	160
Weight of Machine	T	5	11	14	16
Size of Machine	m,L×W×H	4.1×1.9×3.2	4.9×2.6×3.5	5.9×2.9×4.1	6.6×3×4.4
Die Head					
Max. Die Diameter	mm	180	300	350	420
Die Head Heating Zone	/	4	5	6	6
Capacity of Accumulator Head	L	2	4	6.6	12.8
Die Head Heating Power	kW	10.5	17.7	24.5	30
Clamping Unit					
Platen Distance	mm	410-800	350-880	450-1150	500-1400
Clamping Force	kN	110	215	260	440
Extruder Unit					
Screw Diameter	mm	70	80	90	100
Screw Length/Diameter Ratio	/	25:1	25:1	25:1	25:1
Screw Heating Power	kW	13.2	19	17.4	21
No.of Heating Zone (Screw)	/	3	4	4	4
Screw Motor Power	kW	22	30	37	45
Power Unit					
Hydraulic Pump Driving Power	kW	12.5+4	21+4	21+4	31.5+4
Total Power	kW	63.2	91.7	103.9	131.5
Remarks					
Air Consumption	m ³ /min	0.6	0.8	1	1.6
Blow Pressure	MPa	0.6	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3	0.3
Water Consumption	L/min	50	60	65	100
Max.Size of Mold	mm,W×H	480×530	550×650	700×950	800×1000
Product & Formwork Drawing					



TDB-25A



TDB-50A



TDB-80A

Note: The parameters above are just for reference, which can be designed by your requirements.

TDB SERIES STATIONARY MOLD ACCUMULATOR HEAD BLOW MOLDING MACHINES



TDB-120A
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



Platen

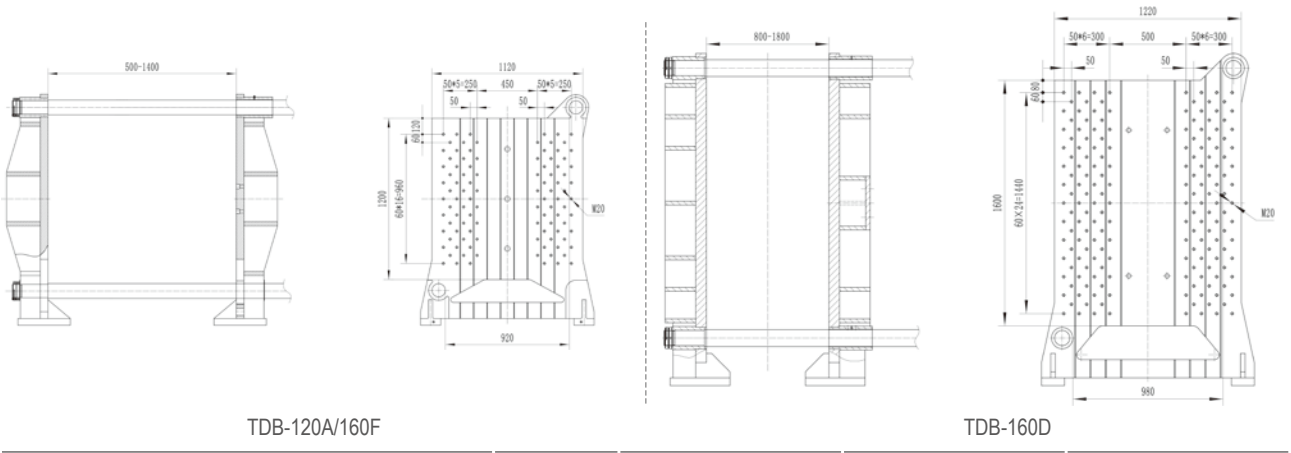


Robot Arm



TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
Model		TDB-120A	TDB-160B	TDB-160D
Specification				
Station	/	Single	Single	Single
Max. Product Volume	L	120	160	160
Dry Cycle	pc/h	120	120	120
Output of HDPE	kg/h	160	220	300
Weight of Machine	T	20	23	26
Size of Machine	m,LxWxH	6.8×3.4×4.5	7×3.4×4.8	7.2×3.4×5.8
Die Head				
Max. Die Diameter	mm	420	550	680
Die Head Heating Zone	/	6	6	6
Capacity of Accumulator Head	L	12.8	18	28
Die Head Heating Power	kW	30	40	51.5
Clamping Unit				
Platen Distance	mm	500-1400	500-1600	800-1800
Clamping Force	kN	740	740	740
Extruder Unit				
Screw Diameter	mm	100	100	120
Screw Length/Diameter Ratio	/	25:1	28:1	28:1
Screw Heating Power	kW	21	26	31
No.of Heating Zone (Screw)	/	4	5	5
Screw Motor Power	kW	45	75	90
Power Unit				
Hydraulic Pump Driving Power	kW	31.5+4	31.5+4	31.5+11
Total Power	kW	131.5	176.5	215
Remarks				
Air Consumption	m³/min	1.6	1.6	1.6
Blow Pressure	MPa	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3
Water Consumption	L/min	180	180	180
Max.Size of Mold	mm,WxH	900×1450	900×1450	1000×1900
Formwork Drawing				



Note: The parameters above are just for reference, which can be designed by your requirements.

DEDICATED BLOW MOLDING MACHINE FOR 200L L-RING BARRELS



TDB-250F-P
DOUBLE-LAYER SINGLE-STATION

Double-layer accumulator die head



Double-layer flow-guided accumulator die head assembly

PATENTED DIE HEAD

Double-layer flow-guided accumulator-head technology

Triple-layer flow-guided accumulator-type die head assembly for blow molding machines

PATENTED DIE HEAD

Triple-layer flow-guided accumulator-head technology

Triple-layer accumulator die head

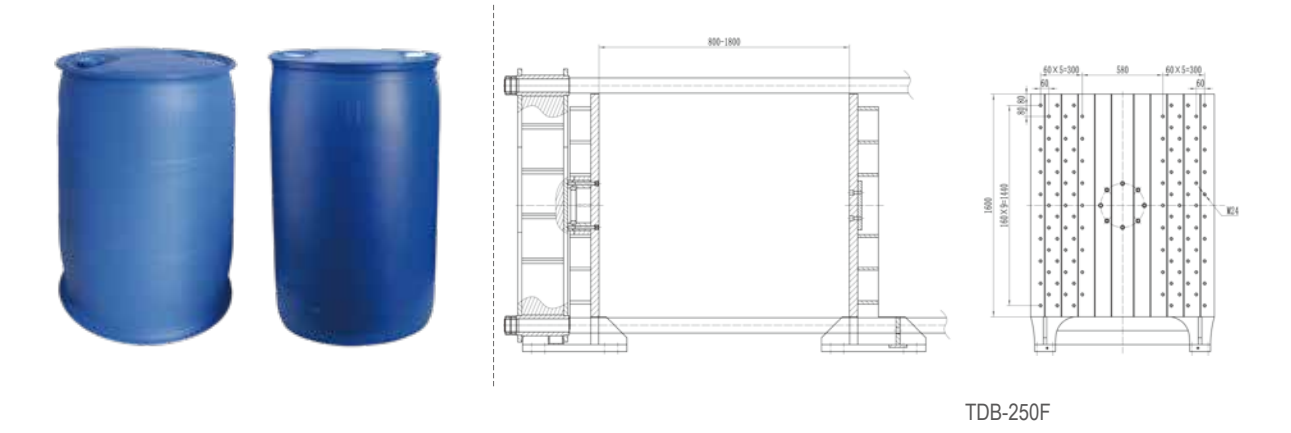




TDB-250F-P3
THREE-LAYER SINGLE-STATION

TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
		TDB-250F (1 layer)	TDB-250F-P (2 layers)	TDB-250F-P3 (3 layers)
Model		TDB-250F (1 layer)	TDB-250F-P (2 layers)	TDB-250F-P3 (3 layers)
Specification				
Station	/	Single	Single	Single
Max. Product Volume	L	250	250	250
Dry Cycle	pc/h	300	300	300
Output of HDPE	kg/h	360	200×2	110×2+200
Weight of Machine	T	35	36	38
Size of Machine	m,L×W×H	8.2×3.2×5.5	8.2×3.2×5.5	8.2×4.3×5.5
Die Head				
Max. Die Diameter	mm	290	290	290
Die Head Heating Zone	/	7	8	8
Capacity of Accumulator Head	L	22	22	22
Die Head Heating Power	kW	45	53	53
Clamping Unit				
Platen Distance	mm	800-1800	800-1800	800-1800
Clamping Force	kN	740	740	740
Extruder Unit				
Screw Number	/	1	2	3
Screw Diameter	mm	120	90×2	70×2+90×1
Screw Length/Diameter Ratio	/	30:1	30:1	30:1
Screw Heating Power	kW	38	26.5×2	14×2+26.5
No.of Heating Zone (Screw)	/	4	4×2	4×3
Screw Motor Power	kW	132	75×2	37×2+75
Power Unit				
Hydraulic Pump Driving Power	kW	42.5+21+11	42.5+21+11	42.5+21+11
Total Power	kW	289.5	330.5	332
Remarks				
Air Consumption	m³/min	2	2	2
Blow Pressure	MPa	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3
Water Consumption	L/min	300	300	300
Max.Size of Mold	mm,W×H	1100×1600	1100×1600	1100×1600
Product & Formwork Drawing				



Note: The parameters above are just for reference, which can be designed by your requirements.



IBC DEDICATED BLOW MOLDING MACHINE

- -
 -
- PERFORMANCE AND ADVANTAGES

 - 3-plate dual-tie-bar + dual-cylinder design: Rapid mold action + high-tonnage clamping with easy part removal;
 - Servo + gear/vane dual-pump system for precise pressure matching, ensuring efficiency;
 - 1000-Liter capacity, rapid venting in 2-3 seconds to reduce cycle time.



TDB-1200A

ACCUMULATOR EXTRUSION BLOW MOLDING MACHINE



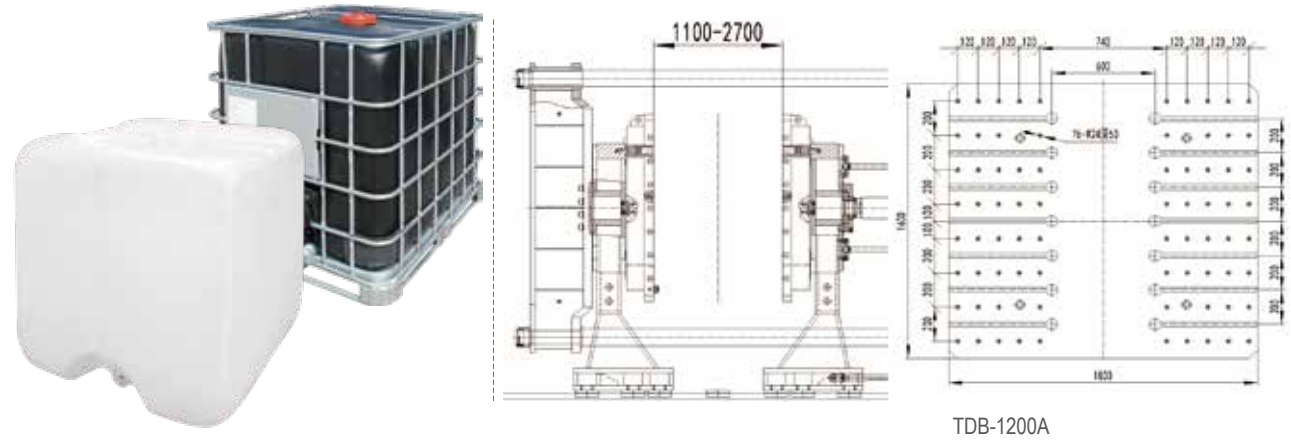
Extrusion Die System

Mold Clamping Mechanism

Plasticizing System

TECHNICAL PARAMETER

ITEM	UNITS	MODEL	
Model		TDB-1200A-P (2 layers)	TDB-1200A-P3 (3 layers)
Specification			
Max. Product Volume	L	1200L	1200L
Dry Cycle	pc/h	80	80
Output of HDPE	kg/h	720	750
Weight of Machine	kg	68000	72000
Size of Machine	m,LxWxH	13×6.8×7	13×6.8×7
Die Head			
Max. Die Diameter	mm	700	700
Die Head Heating Zone	/	10	14
Capacity of Accumulator Head	L	45	50
Die Head Heating Power	kW	110	116
Clamping Unit			
Platen Distance	mm	1100-2700	1100-2700
Clamping Force	kN	1500	1500
Extruder Unit			
Screw Diameter	mm	120×2	120+90×2
Screw Length/Diameter Ratio	/	32:1	32:1, 30:1
Screw Heating Power	kW	50×2	50+22.4×2
No.of Heating Zone (Screw)	/	5×2	5+4×2
Screw Motor Power	kW	132×2	132+75×2
Power Unit			
Hydraulic Pump Driving Power	kW	42.5kW+21kW+5.5kW+11kW Parison	42.5kW+21kW+5.5kW+11kW Parison
Total Power	kW	554	573
Remarks			
Air Consumption	m3/min	6	6
Blow Pressure	Mpa	0.6	0.6
Cooling Water Pressure	Mpa	0.4	0.4
Water Consumption	L/min	400	400
Product & Formwork Drawing			



Note: The parameters above are just for reference, which can be designed by your requirements.



TDBX SERIES LARGE-SCALE PANEL BLOW MOLDING MACHINES



TDBX-1000A
ACCUMULATOR EXTRUSION BLOW MOLDING MACHINE



Extruder Drive Motor



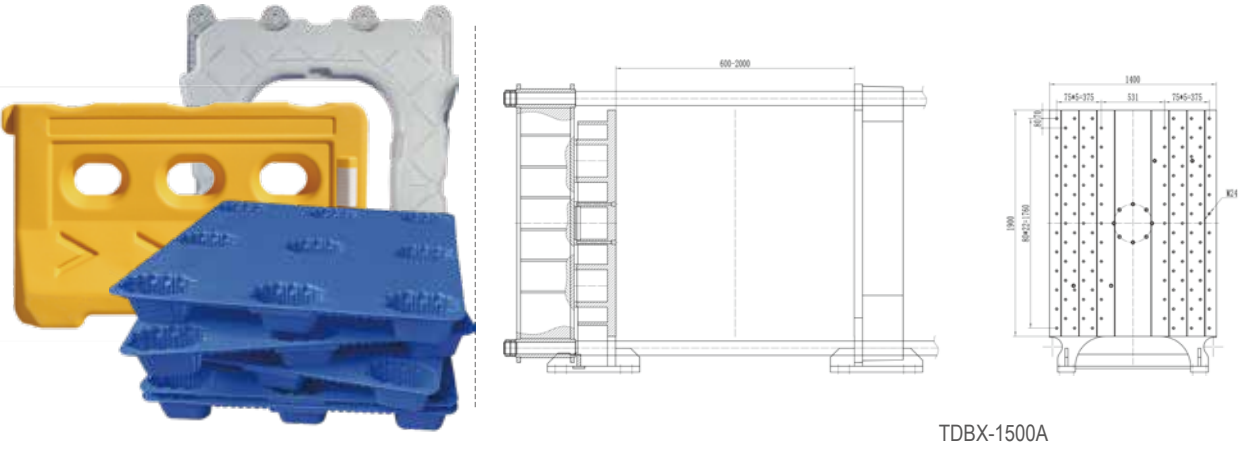
Mold Clamping Mechanism



Plasticizing System

TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
Model		TDBX-1000A	TDBX-1500A	TDBX-2000A
Specification				
Station	/	Single	Single	Single
Max. Product Volume	L	1000	1500	2000
Dry Cycle	pc/h	100	100	80
Output of HDPE	kg/h	420	450	550
Weight of Machine	T	55	60	70
Size of machine	m,LxWxH	9.8×4.4×7.0	8.6×3.3×7	12×5.4×7.3
Die Head				
Max. Die Diameter	mm	900	900	1000
Die Head Heating Zone	/	9	9	12
Capacity of Accumulator Head	L	35	35	70
Die Head Heating Power	kW	60	60	70
Clamping Unit				
Platen Distance	mm	700-1900	600-2000	600-2000
Clamping Force	kN	1000	1200	2000
Extruder Unit				
Screw Diameter	mm	135	135	150
Screw Length/Diameter Ratio	/	28:1	28:1	30:1
Screw Heating Power	kW	40	40	50
No.of Heating Zone (Screw)	/	5	5	5
Screw Motor Power	kW	160	160	200
Power Unit				
Hydraulic Pump Driving Power	kW	31.5+5.5+11	31.5+5.5+11	31.5+5.5+11
Total Power	kW	308	308	400
Remarks				
Air Consumption	m³/min	5	5	6
Blow Pressure	MPa	0.8-1.0	0.8-1.0	0.8-1.0
Cooling Water Pressure	MPa	0.4	0.4	0.4
Water Consumption	L/min	350	400	450
Max.Size of Mold	mm,WxH	1400×1550	1200×1850	1400×2000
Product & Formwork Drawing				



Note: The parameters above are just for reference, which can be designed by your requirements.

TDBS SERIES ACCUMULATOR HEAD BLOW MOLDING MACHINES FOR LARGE TANK PRODUCTS

-
- PERFORMANCE AND ADVANTAGES
- -

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- Integrated frame, high-stiffness platens. Vibration-free operation, long-term durability;

- Integrated mold carriage shift. Ensures rapid and safe mold change. Boosts production efficiency;

- Enhances efficiency, reduces cost. Improves product functionality. Meets diverse requirements.



TDBS-1000A
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



Mold Clamping Mechanism



Extrusion Die System



Digital Control System

TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
		TDBS-1000A	TDBS-2000A	TDBS-3000A
Model				
Specification				
Station	/	1	1	1
Max. Product Volume	L	1000	2000	3000
Dry Cycle	pc/h	100	80	80
Output of HDPE	kg/h	400	450	220×3
Weight of Machine	T	40	45	60
Size of Machine	m,L×W×H	9×2.7×7	13.8×4×7.5	14×4.2×8
Die Head				
Max. Die Diameter	mm	660	700	800
Die Head Heating Zone	/	8	9	10
Capacity of Accumulator Head	L	50	80	120L
Die Head Heating Power	kW	70	85	100
Clamping Unit				
Platen Distance	mm	900-2700	1100-3000	1100-3200
Clamping Force	kN	1000	1800	2200
Extruder Unit				
Screw Diameter	mm	120	135	100×3
Screw Length/Diameter Ratio	/	30:1	28:1	28:1
Screw Heating Power	kW	38	50	26×3
No.of Heating Zone (Screw)	/	4	5	5
Screw Motor Power	kW	132	160	75×3
Power Unit				
Hydraulic Pump Driving Power	kW	31.5+5.5+11	31.5+5.5+11	31.5+5.5+11
Total Power	kW	288	343	451
Remarks				
Air Consumption	m³/min	2	2.5	3
Blow Pressure	MPa	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.6
Water Consumption	L/min	300	350	400
Max.Size of Mold	mm,W×H	/	/	/
Product				



Note: The parameters above are just for reference, which can be designed by your requirements.

TIE-BAR-LESS SERIES



HWII-30L
FULLY AUTOMATIC
EXTRUSION BLOW MOLDING MACHINE



Air Circuit Unit



Lubrication System



Liquid Line System

TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
Model		HW-30L	HW II -30L	HWS II -50L
Specification				
Station	/	Single	Double	Double
Max. Product Volume	L	30	30	50
Dry Cycle	pc/h	400	400×2	300×2
Output of HDPE	kg/h	130	220	300
Weight of Machine	T	15	21	28
Size of Machine	m,LxWxH	6.4×4.3×3.7	6.4×5.2×4	6.4×6.4×4.2
Die Head				
Max. Die Diameter	mm	220	220	350
Die Head Heating Zone	/	5	5	6
Die Head Heating Power	kW	15	15	21
Clamping Unit				
Platen Distance	mm	450-1150	450-1150	550-1250
Mold Moving Stroke	mm	800	980	1250
Clamping Force	kN	250	250	500
Extruder Unit				
Screw Diameter	mm	90	100	120
Screw Length/Diameter Ratio	/	25:1	28:1	30:1
Screw Heating Power	kW	17.4	26	50
No.of Heating Zone (Screw)	/	4	5	5
Screw Motor Power	kW	37	75	132
Power Unit				
Hydraulic Pump Driving Power	kW	21+4	21+4	21+4
Total Power	kW	100	160	240
Remarks				
Air Consumption	m³/min	1.2	2	3
Blow Pressure	MPa	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.3	0.3	0.3
Water Consumption	L/min	70	100	200
Mold Thickness Range	mm	455-530	455-530	550-620
Max.Size of Mold	mm,WxH	680×830	680×830	860×830



Note: The parameters above are just for reference, which can be designed by your requirements.

TIE-BAR-LESS SERIES

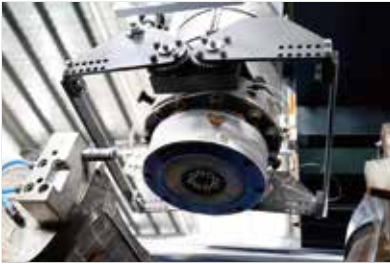
- -
- PERFORMANCE AND ADVANTAGES

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



TDW-160E
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE

TDW-350A
ACCUMULATOR
EXTRUSION BLOW MOLDING MACHINE



Upper Sealing



Tie-bar-less Technology



Servo-Hydraulic Energy-Saver

TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
Model		TDW-160B	TDW-160E	TDW-350A
Specification				
Station	/	Single	Single	Single
Max. Product Volume	L	160	160	350
Dry Cycle	pc/h	100	100	100
Output of HDPE	kg/h	220	300	360
Weight of Machine	T	22	22	45
Size of Machine	m,LxWxH	7.3×3.1×4.7	7.6×3.2×5.6	9.3×3.4×6.4
Die Head				
Max. Die Diameter	mm	550	680	900
Die Head Heating Zone	/	6	6	7
Capacity of Accumulator Head		18	28	35
Die Head Heating Power	kW	38	51.5	60
Clamping Unit				
Platen Distance	mm	600-1500	500-1900	750-1800
Clamping Force	kN	660	1200	1800
Extruder Unit				
Screw Diameter	mm	100	120	120
Screw Length/Diameter Ratio	/	28:1	28:1	30:1
Screw Heating Power	kW	24	31	38
No.of Heating Zone (Screw)	/	5	5	4
Screw Motor Power	kW	75	90	132
Power Unit				
Hydraulic Pump Driving Power	kW	31.5+11	31.5+11	31.5+11
Total Power	kW	179.5	215	272.5
Remarks				
Air Consumption	m³/min	2	2	2
Blow Pressure	MPa	0.6	0.6	0.6
Cooling Water Pressure	MPa	0.4	0.4	0.4
Water Consumption	L/min	300	300	300
Mold Thickness Range	mm	600-680	500-800	750-880
Max.Size of Mold	mm,WxH	1100×1400	1200×1900	1600×1900



Note: The parameters above are just for reference, which can be designed by your requirements.



OTHER DEDICATED MACHINE MODELS



TDB-25APC
ACCUMULATOR EXTRUSION BLOW MOLDING MACHINE

PERFORMANCE AND ADVANTAGES

-
-
- Suitable for producing 2-5 gallon 10-25liter PC material blow product;
- Uniform plastication via high-throughput extrusion.

TECHNICAL PARAMETER

ITEM	UNITS	MODEL		
Model		TDB-25APC	TDE-10L	CFHE-50A (Electric)
Specification				
Station	/	Single	Single	Single
Max. Product Volume	L	25	/	50
Dry Cycle	pc/h	600	400	800
Output of HDPE	kg/h	160(PC)	80	160
Weight of Machine	T	12	15	25
Size of Machine	m,LxWxH	6.3×2.6×3.8	5×4×4	6.3×3.3×4.5
Die Head				
Max. Die Diameter	mm	150	180	350
Die Head Heating Zone	/	5	4	8
Capacity of Accumulator Head	L	1.9	2	/
Die Head Heating Power	kW	13.5	10.5	28
Clamping Unit				
Platen Distance	mm	350-780	600-1400 (Vertical clamping)	500-1150
Clamping Force	kN	215	110	400
Extruder Unit				
Screw Diameter	mm	82	70	100
Screw Length/Diameter Ratio	/	38:1	25:1	25:1
Screw Heating Power	kW	41.7	13.2	21
No.of Heating Zone (Screw)	/	8	3	4
Screw Motor Power	kW	/	22	45
Power Unit				
Hydraulic Pump Driving Power	kW	45+4	21+4	/
Total Power	kW	105	71	110
Remarks				
Air Consumption	m³/min	1.2	0.6	≥3.2
Blow Pressure	MPa	1	1	0.8-1.0
Cooling Water Pressure	MPa	0.3	0.3	0.5-0.6
Water Consumption	L/min	150	50	370
Max.Size of Mold	mm,WxH	550×650	900×1000	900×1000
Product				



Note: The parameters above are just for reference, which can be designed by your requirements.

AUXILIARY MACHINE



Feeding machine



Crusher

Mixer



Cooling tower



Gravimetric blender



European-style vertical mixer



Auto loader



Soundproof granulator



Cutting machine



Piston air compressor



Hopper dryer



Material proportion valve



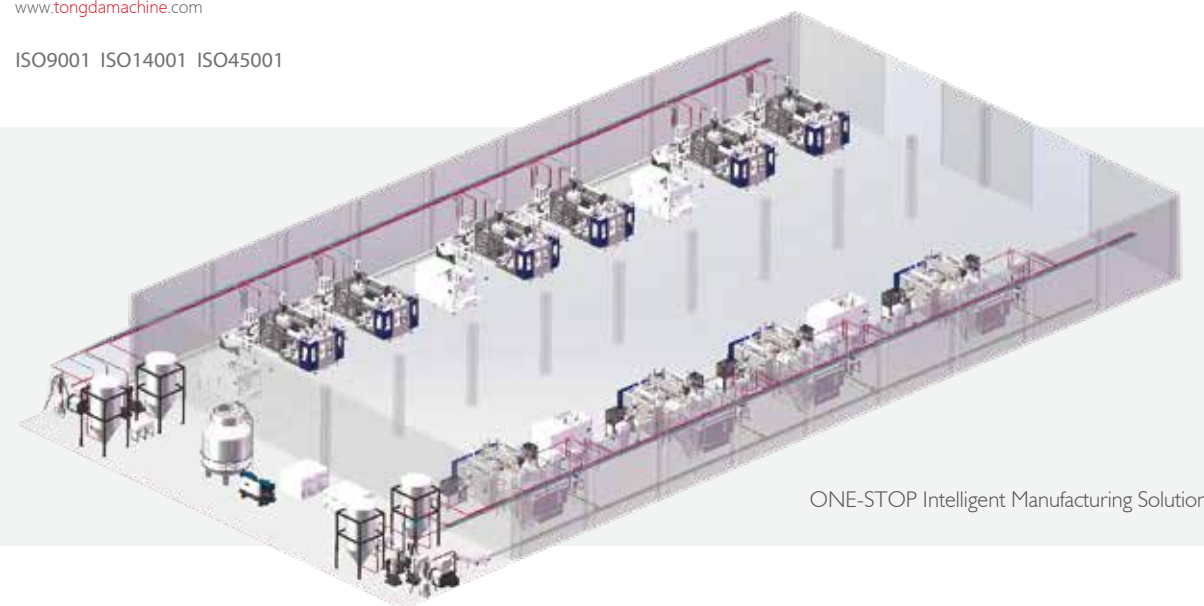
Volumetric masterbatch doser



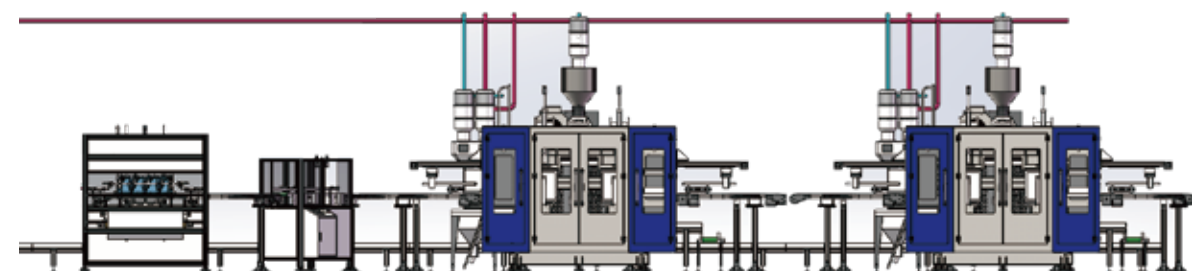
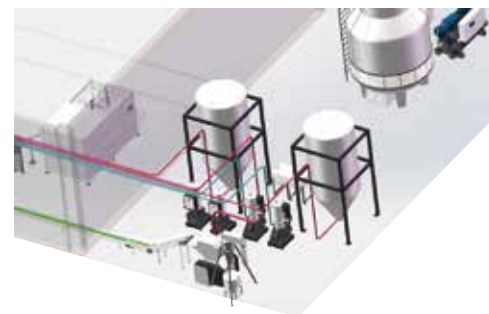
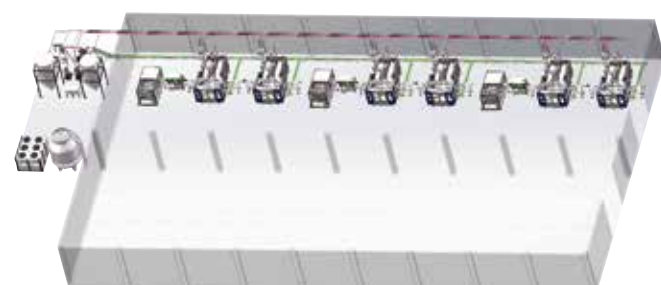
Water-cooled chiller



In-mold labeling machine



ONE-STOP Intelligent Manufacturing Solution



Leak tester



Packing machine



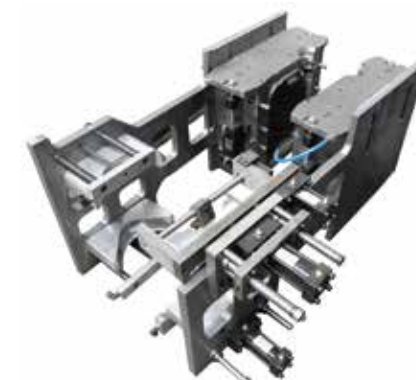
Folding machine

BLOW MOULD

Tongda Mold Division specializes in the research, design and manufacture of blow molds and injection molds. Annual capacity exceeds 300 mold sets, with annual output value exceeding CNY 20 million. Its products serve packaging, medical, automotive and household applications. Customers include Yili, Mengniu, Liby and Toyota.



1 L four-cavity deflashing mold



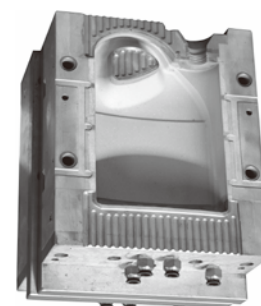
5L single-cavity deflashing mold



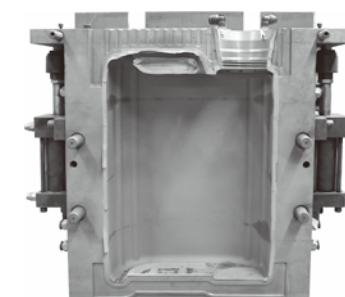
2L household product container mold



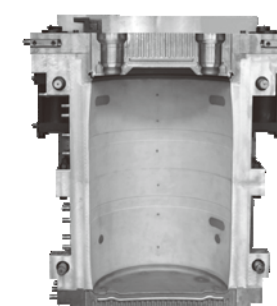
800ML five-cavity deflashing mold



4L engine oil container mold



10L stackable jerrycan mold



200L double-opening L-ring drum mold

MAJOR CUSTOMERS

Customer first. Solutions that meet customer needs.

REPITECSA	Mengniu
Qiaoxifu	Yili
SINOPEC	BMW
COFCO	Mercedes-Benz
BYD	Zijin Plastics
HONDA	SHIXIA BRAND
FANSHUN	Liby
Liuzhou Fangxin Auto Trim	SINTEC
cnice	Ball
TOYOTA	CHALLENGE GROUP
ROTAM BOXMORE	Hongbaoli
Qidu Pharma	Tianjin Zhongshui
Beijing Wanshun Packaging	

CUSTOMER PARTNERS

Serving leading manufacturers across industries.

Haier	Guangzhou Zhongxin Auto Parts
DANONE	SHACMAN
HEB	XTG
Guomao Packaging	Guohua Packaging
Shanghai Maofeng Auto Parts	Colgate
REX Packaging	Great Wall
INOAC	EverGrow
Southern Packaging	Zhiwang Industry
AUS-ASIA PLASTICS	Suteng Clean Packaging
SHIJIHENG	Meifeng
TUOREN	DOWELL
NBHX INOAC	Wuhu Shunrong Auto Parts

SERVICE CENTER

Tongda has supplied more than 9,000 machines and systems to over 100 countries and regions, including the United States, United Kingdom, Australia, Greece, Poland, Russia, Mexico, Brazil, Saudi Arabia, the UAE, Iran, Indonesia, Sudan, Jordan, Ethiopia, Ukraine, Nigeria, Estonia, Romania and Chile.

Our 27 overseas and 14 domestic sales and service centers work with industry partners to support customers around the world.

100+

Countries and regions served

27

Overseas sales and service center

14

Domestic sales and service center

Mexico / Guatemala / Costa Rica / Colombia / Peru / Brazil / Chile /
Poland / Algeria / Egypt / Jordan / Iran / Pakistan / Ethiopia / Dubai
/ Indonesia / Thailand / Turkey / Russia / Kenya / Philippines /
Saudi Arabia / Sudan / Spain / Ecuador / Morocco / Malaysia

Shenyang / Tianjin / Zibo / Linyi / Zhengzhou / Xi'an / Guangzhou
/ Wuhan / Chengdu / Ningbo / Chongqing / Jinhua / Taizhou /
Xiamen



SERVICE



FOCUS ON CUSTOMER NEEDS

We listen to customer needs, provide a better mold trial experience and gather market feedback. A broad choice of machines and technologies helps us match each project to practical production requirements.



WHOLE PROCESS WITH CONSIDERATE SERVICE

A complete service network and 27 professional overseas service teams provide responsive support. Our commissioning engineers visit customers regularly, with professional assistance available 24/7.



PROVIDE ONE-STOP INTELLIGENT MANUFACTURING SOLUTION

With 26 years of plastics machinery experience, we provide automated production lines that improve efficiency and product quality, reduce costs and help customers maximize production value.



01



REQUIREMENT ANALYSIS

Product
Commercial use
Material technology
Mold process
Production requirements
Energy needs
Automation
ROI analysis
Determine feasibility plan



02



ORDER PRODUCTION

Order confirmation
Order releasing
Production and manufacturing
Quality inspection of materials
Final assembly
Debugging
Complete machine inspection
Delivery



03



SERVICE

On-site installation
Process support
Training
FAT Training
Maintenance
Full life cycle service



FUTURE

IN STEP WITH THE WORLD.
EMPOWERING THE FUTURE.

Tongda Machinery aligns with international industrial standards, building on reliable quality, efficient delivery and dependable service.

With core expertise in extrusion blow molding, we deliver highly integrated smart manufacturing solutions for complete production plants.

We help manufacturers improve efficiency and build a strong foundation for Industry 4.0.

TONGDA MACHINERY
Your trusted global manufacturing partner.

**TONGDA
MACHINERY**

SUZHOU TONGDA MACHINERY CO., LTD.

No. 21 Fenghuang Avenue, Zhangjiagang, Suzhou, Jiangsu, China
Factory 2: No. 2 Chuangxing Road, Zhangjiagang, Suzhou, Jiangsu, China

Domestic sales: +86-512-56370130
International sales: +86-512-56370112
After-sales: +86-512-56370137
info@tongdamachine.com
Postal code: 215614

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