



listed company on neeQ. Founded in August 1995, Leshan Intelligent is located in Daliang Wusha Industrial Zone, Shunde District, Foshan city, covering an area of about 37570 square meters, with more than 380 employees. At present, the company has developed into an intelligent mechanical equipment company focusing on the field of "plastic hollow molding" and integrating mechanical design, research and development, production, sales and service. The main products include: blow molding machine series, precision mold, motor series, auxiliary machinery series, key engineering design and construction, etc., among which the manufacture of extrusion blow molding machine is adopting international standard production and qualify with CE qualification, which is the mandatory certification from the European Union.

LESHAN Intelligent is one of the blow molding machine industry standard drafting unit and national high-tech enterprise in China. It was awarded as THE FAMOUS TRADMARKS OF GUANGDONG PROVINCE, THE FAMOUS BRAND PRODUCT, NURTRUING ENTERPRISES FOR STRATEGIC EMERGING INDUSTRIES FOR GUANGDONG PROVINCE, THE QUALITY MANUFACTURER IN GUANGDONG PROVINCE and so on.Over the years, the company has undertaken and completed 4 national projects, 12 provincial projects, and more than 10 regional projects. It has obtained 3 scientific and technological achievements, formulated 3 enterprise standards, and has 70 state-authorized utility model patents, 7 design patents, 7 invention patents, and 26 in-process patents, among which 6 are utility model patents and 20 invention patents. It has 18 registered trademarks in China, and has applied for 7 trademarks in transit. There are 7 international registered trademarks, namely, the Philippines, Malaysia, Indonesia, Russia, Egypt, Australia and Vietnam, and 3 pending trademark applications. LESHAN Intelligent has won the third prize of Science and technology progress of Guangdong Province, the second prize of Science and technology Progress of Foshan City, the first prize of Science and technology Step of Shunde District and many other honors. Leshan Intelligence is a provincial-level enterprise technology center in Guangdong Province, a REGISTERED supplier of the United Nations, and a Chinese quality manufacturer certified by TUV. The company's product development, design and manufacturing process is completed by computer. Leshan Intelligence invests 5% of the total sales in technology, Xi 'an Jiaotong University, South China University of Technology, Guangdong Automation Engineering Society and Guangdong Mechanical Engineering Society. At present, Leshan Intelligence and Foshan Institute of Science and Technology have signed a strategic cooperation agreement

Leshan Intelligent has equipment remote after-sales service system, global after-sales technical support and personnel training, liquidity spare parts warehouse. Leshan is a manufacturer in China that provides free technical training for the full range of blow molding machines, and is also a supplier of comprehensive planning of blow molding production line (key project). At present, the company has set up a wechat newspaper installation system, which is convenient for customers to report for repair at any time.

After more than 20 years of development, Leshan intelligence has grown into one of the enterprises with strong R&D strength, strong technical innovation ability and large capacity scale in the blow molding machine equipment industry, and the annual production scale of the whole blow molding machine reaches more than 500 sets. The company has also established good cooperative relations with many world-renowned enterprises and Top 500 Enterprises in China, such as Unilever, P&G, Walch, Mobil, Danone, Bp, Uni-President, Shell, Petrochina, Wahaha, Libai, Mengniu, Yili, Nais, Mobil Oil, Haocaitou, Jun Yao Group and so on.

In the future, LESHAN intelligent will start the strategic of worldwide footprint. It will make use of highly automated production and network to realize diversified association and diversification of product business in the field of packaging machinery, and make use of the Internet of Things, mobile Internet, big data, cloud computing and other emerging technological means to achieve diversification, intelligence and industry 4.0.At the same time, the business to the global development, become a certain visibility of the global intelligent machinery manufacturing brand.LESHAN Intelligent believes that, with the development, the spirit of struggle, innovation, forge ahead, adhere to the "Create high and new technology to help users develop" of the enterprise mission, with the dream of clinging to the brand construction, rely on the innovative and pragmatic, do not forget to "let leshan intelligent is appreciated all over the world" vision,Leshan will become a global leader of intelligent equipment, golden harvest hope win-win



Athlon Series Bottle Blowing Machine

Leshan Intelligence, which is recognized by the market with its blow molding machine, has a deep understanding of the importance of the market for the overall solution of blow molding technology. In order to meet the requirements of different customers, the company is equipped with a professional technical research and development team and advanced blow molding processing equipment. What's more, we gain strong alliance with German technical experts to provide overall solutions for bottle blowing technology and create the best Leshan Athlon series ever. Fully absorbing market opinions, we are pretty confident with the new Althon blow molding machine. The design of the Athlon machine has been in advance in the modern machine design. And the machine runs more stably with 20% output increase.



Application Field

Leshan Athlon series blow molding machine adopts excellent processing technology to ensure the systemization of equipment. With efficient production capacity, complete quality control, and perfect after-sales service system, we provide our customers with efficient and high-quality production experience. And the machine can be applied in wide range of industries such as food, daily chemical washing, chemical barrels, etc.







Benefit comparison

Comparison of 1.29L Detergent Bottle Production								
Project	Liter(L)	Weight(g)	Model	Number of module cavities				
U series bottle blowing machine-detergent	1.29L	97g	100U2X4.15G	8				
Athlon series bottle blowing machine-detergent	1.29L	97g	SL2-L2X4-1A	8				
Project	Forming cycle	Output/24h	Output difference/24h	Output increase				
U series bottle blowing machine-detergent	30	23040	0270	26.269/				
Athlon series bottle blowing machine-detergent	20-22	31418-34560	8378	36.36%				

Comparison of 1.29L Detergent Bottle Production							
Project	Action time	Blowing time	Blowing time Exhaust timeost Cooling time				
U Series	8.6s	18.4s	3s	/	/		
Project	Action time	With RCI	Exhaust time	Post Cooling time	Improvement of production efficiency		
Athlon	6s	14s	2s	2s	20-40%		

Athlon Series-Features

point 1: Rapid Cooling Installation(RCI)





Before optimization (regular machine)

After optimization (Athlon Machine)

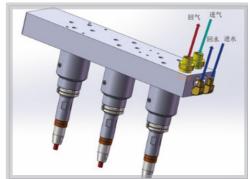


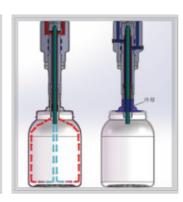
Good cooling effect

- Better cooling effect inside the bottle.
- Rapid cooling installation realizes bottle internal and external cooling speed 20%-40% increase.

Athlon-Rapid Cooling Installation(RCI)







Rapid Cooling Installation(Comparison of 2 Cavities 5L Detergent Bottle)						
Project	Project Cycle time (seconds) In-bottle thermo					
RCI off	28s	52.8° C				
RCI on	24s	28.2° C				



Athlon Series-Features

point 2: Athlon Clamping Frame





- The Pq valve or proportional valve controls the hydraulic system.
- Counterbalance toggle clamping mechanism.
- The conventional locking frame Is slightly higher.



After optimization (Athlon Machine)

- Clamping frame is controlled by electronic ruler for higher accuracy
- New horizontal motion type clamping frame design.
- The clamping frame has a balanced force, fast speed and low center of gravity.
- Lower clamping frame ensures higher adjusting efficiency.



Before optimization (regular machine)

- Linear guide railway sliding seat.
- There is a pipe wired connection pen rod.



Integrated Blowing Pin

Athlon Series-Features

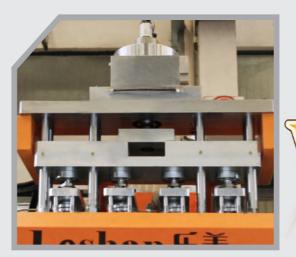
After optimization (Athlon Machine)

- Precise linear rail pen system.
- High flow without a tying rod.
- Integrated with rapid cooling installation.

Comparison Clamping Frame Technology

Category	Regular Machine Clamping Frame	Athlon Clamping Frame	
Lock mode force	12.7/ Tons	24/ Tons	
Shaft lubrication	Need	NO	
Pin bearings are subjected to force	Double	Standard	
The plane height on the lock template	Beyond the human operating height	Highly humanized	
The movement of the mold frame	Symmetrical elbow-cut locking frame mechanism	Horizontal movement balancing force	
Swing brake mode	no	Electronic brakes	
The position of the conveyor belt inside the locking frame	no	The locking frame is directly below	
lmage			

Electric Servo Balancing System



Before optimization (regular machine)

- Slight bottle weight deviation.
- No addition of electric servo balancing mechanism.



After optimization (Athlon Machine)

- Equipped with electronic servo balance system for bottle weight stability.
- Precise control and the bottle weight deviation of ±1%.
- The flow pressure is more balanced.

plarnovatic

point 5: Servo Electric Headlifting Device



A

- Fixed headlifting time control.
- Fixed pause time control.



After optimization (Athlon Machine)

- Precise headlifting time control.
- Precise pause time control.

Athlon Series-Features

point 7: Pre-Seal Cutter Device



Before optimization (regular machine)

- Left and right horizontal cutter.
- Universal hot knife (Front and back).



After optimization (Athlon Machine)



- Equipped with proper pneumatic and suitable for special products.
- Obvious sealing effect.

point 6: Die Head Adjustment



Before optimization (regular machine)

- Internal parison thickness adjustment
- Inadequate operator safety.



After optimization (Athlon Machine)



- External parison thickness adjustment.
- Effectively protect the safety of operator.

point 8: German Design Die Head



Before optimization (regular machine)



- Circumference adjustable die head or front.
- Adjustable die head. Hydraulic servo die head/electric servo.



After optimization (Athlon Machine)



- German design.
- Fast color changing and stable product weight.
- Well-distributed parison thickness.

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Athlon Series-Features

Safety Door/Side Box point 9:



Before optimization (regular machine)

- Fixed combined safety door.
- Sheet metal side box.



After optimization (Athlon Machine)

- The Athlon safety door has a free opening structure and reserves enough space to install molds, which is highly efficient.
- Long lasting aluminum alloy side box.

Electric control system:
Fully computer control, automatic process parameters.
Optimization and fault diagnosis, high control precision.

Ensure the reliability and safety of the operation of machinery and equipment.





Servo Manipulator point 10:



Before optimization (regular machine)

Pick up the bottle robot

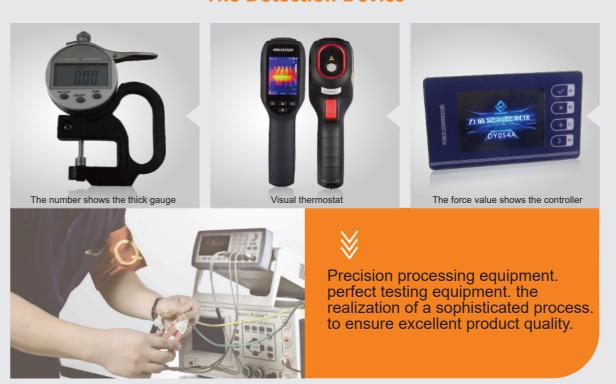


After optimization (Athlon Machine)



- Vertical robot/cross robot
- Equipped with post cooling system for high cooling speed

The Detection Device



Optional Function



Thickness Control

 This function enables weight reduction and directional adjustment of the product .The wall thickness of the product part enhances the anti-fall performance of the product.



Electric Wall Thickness System Control

- Brand new 100 point electric servo control system, Response speed 1ms, repeated accuracy 0.005mm.
- Servo driven by electric and power transfer by ballscrew, Cup pulling die head for more easier to control the accuracy and guaranteed quality



External Spin Trimmer

To remove the scraps from the bottle



Internal Spin Trimmer

Servo motor control, high-speed smooth cutting bottle breath bag. And make sure the cut is flat.



Rotary Cutting Device

 Suitable for airbag design product, the automatic part of the airbag resection and the product tail resection.



Auto Deflasher Function

Push the top and bottom scraps.



Pre-Sealed Cutter

 Controlled by pneumatic system, it has light and agile movement. And it can reduce the scrap ratio suitable for making larger products.



In-Mold Labelling

 Before blowing the product, put the label into the mold.and then use the heat of the product itself to stick the sticker on the surface of the product.



Oblique Blow Pin

 According to different technological requirements of bottle. forsome special one, machine will install slant blow pin.



Servo Blow Pin

 Double direction guide rail design for blow pin, with precise ball screw, increasing the riding stability of blow pin.



Optional function



Mold Stretching Function

• suitable for product has a concave surface.



Side Needle Function

It is suitable for products with no bottle mouth or 2 or more bottles in different directions.



Automatic Filter Device

• Filter out the impurities in the material.



Manually Filter Screen

• Filter out the impurities in the material.



Visual Inspection

The inspection of the appearance and appearance of the products is suitable for the areas with high labor cost or difficulty in recruiting workers.



Leakage Detection Machine

Test whether bottle leakage on production line



Central Feeding System

The latest electromatic system, it could achieve remote access.or monitoring after connecting Ethernet. Offer the real-time.monitoring. It could connect the your database and upload production statement.



Oil Block Device

The structure is used with no material assembly joint



Automatic Production Line

 One-stop automation solution with automatic control of the production process.

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Category	Athlon Series(Linear Guide Way)		
Model	SL2-L1X3-2A (75-55)	SL2-L1X4-2A(85-55)	

Items	Units Specification					
Category	/	Double		Dou	ıble.	
Max. Blow Volume	L		1	1		
Material	/	PE,PP		PE,PP		
No.Of Die Head	/		3	4		
Die Head Distance (Center to Center) mm	17	20	13	30	
Net Weight	kg	100	000	140	000	
Machine Dimension	mm, L×H×W	约L4550×W	3500×H3310	约L5000×W3	3600×H4100	
			Die Head			
Die Head Heating Zone	/		7	9	9	
Die Head Heating Power	kW	11	.42		.83	
			Clamping Uni	t		
No.Of Station	/		2	2	2	
Min Clamping Distance Of Mold	mm		30	23	30	
Max Clamping Distance Of Mold	mm		80	63	30	
Effective Dimension Of Mold Plate	mm W×H		×465	615>		
Carriage Stroke	mm		00		50	
Clamping Force	kN	1	65		56	
			Extruder Un			
Extruder Diameter	mm	75	55	85	55	
Extruder Length/Diameter Ratio	L/D	24	23	24	23	
Extruder Rotating Speedr/min	r/min	20-65	20-48	20-67	20-40	
Max Extrusion Capacity	kg/h kW	90	25	130	25	
Extruder Motor Power		22	7.5	30	7.5	
Barrel Heating Zone Barrel Heating Power	/	3	3	3	3	
Cooling Fan Power	kW		1	9.6	6.3	
Cooling Part Fower	KVV	0.5			0.08	
Oil Pump Motor Power	k\\\	3		1	2	
		0.4				
				2		
Hot Cutter Power				2	2	
Total Power	kW			104	1.95	
Total Installed Power I	L			1	/300	
Chiller Recommend	hp			15/10		
Air Compressor recommend	hp	1	0	10		
All the machines above can be optionally equipped	ed with 100 points	parison control system,paramete	ers would be changed as below:			
			After with parison cor	ntrol		
Model	/	SL2-L1X3-	2A (75-55)	SL2-L1X4-2A(85-55)		
Servo Motor Power	kW	5	.5	5.	.5	
Total Power	kW	90	0.4	110).45	
Effective Dimension Of Mold Plate	mm	(集 架 行 核 500mm LS-965V-00, 00 599 323		#N600 #N500 #N500 #N500 #N500 #N500 #N600 #N50 #N5	613 (59) (2) (3) (4) (5) (5) (6) (6) (7) (8) (8) (9) (9) (9)	
Oil Pump Motor Power Hydraulic System Pressure Pneumatic System Pressure Cooling System Pressure Air Consumption Hot Cutter Power Total Power Total Installed Power I Chiller Recommend Air Compressor recommend All the machines above can be optionally equipp Model Servo Motor Power Total Power Effective Dimension	L hp hp ed with 100 points / kW kW	23 3 84.9 Remarks 46#/300 15/10 10 parison control system,parameters would be changed as below: After with parison cont SL2-L1X3-2A (75-55) 5.5 90.4		3 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1.95 /300 /10 0 -2A(85-55) .5 0.45	

The page data are derived from the Leshan Smart Factory testing, the equipment specific data to customize the situation of the equipment.

Category	thlon Series(Linear Guide Way)			
Model	SL2-L5X2-2A(90-55)	SL2-L5X2-1A(90)		

Units	Units Specification				
/	Dou	ıble	Single layer		
L		5	5		
/	PE,	,PP	PE,PP		
/	î	2	2		
) mm	250	,280	250,280		
kg	175	500	17500		
mm, L×H×W	约L4982×W4	4078×H3398	约L4978×W4138×H3288		
		Die Head			
/	Į.	5	5		
kW	23	.85	16.61		
		Clamping Unit			
/	i	2	2		
mm	23	30	230		
mm	48	80	480		
mm W×H	615	×505	615×505		
mm	65	50	650		
kN	2!	56	256		
		Extruder Unit			
mm	90	55	90		
L/D	24	23	24		
r/min	10-66	20-40	10-66		
kg/h	160	25	160		
kW	37	7.5	37		
/	4	3	4		
kW	16	6.34	16		
kW	0.72 0.08		0.72		
		Power Unit			
kW	30		30		
Мра	0	.1	0.1		
	0	.8	0.8		
Мра	0.4		0.4		
m³/h	19		19		
kW		3	3		
kW	126.59		105.43		
L	46#/300		46#/300		
'	15,	/10	15/10		
<u> </u>			10		
ed with 100 points	parison control system,paramete				
		•			
-		, ,	SL2-L5X2-1A(90)		
			5.5		
KW	110.45		110.93		
mm	# 集		#		
	/ L / /) mm kg mm, L×H×W / kW / mm mm W×H mm kN mm L/D r/min kg/h kW / kW kW L/D kW kW kW hpa Mpa Mpa Mpa Mpa Mpa Mpa Mpa Mpa Mpa M	/ Dot L	/ Double L 5 / PE,PP / 2) mm 250,280 kg 17500 mm, L×H×W ½JL4982×W4078×H3398 Die Heac / 5 kW 23.85 Clamping Unit / 2 mm 230 mm 480 mm W×H 615×505 mm 650 kN 256 Extruder Unit mm 90 55 L/D 24 23 r/min 10-66 20-40 kg/h 160 25 kW 37 7.5 / 4 3 kW 16 6.34 kW 0.72 0.08 Power Unit kW 30 Mpa 0.1 Mpa 0.8 Mpa 0.4 m³/h 19 kW 3 kW 126.59 Remarks L 46#/300 hp 15/10 hp 10 ed with 100 points parison control system-parameters would be changed as below: After with parison cor / SL2-L5X2-2A(90-55) kW 5.5 kW 5.5 kW 110.45		



Category	Athlon Series(Linear Guide Way		
Model	SL2-L2X4-1A(100)	SL2-LIX6-1A (100)	

Items	Units	Specification	on	
Category	/	Single layer	Single layer	
Max. Blow Volume	L	2	2	
Material	/	PE,PP	PE,PP	
No.Of Die Head	/	4	6	
Die Head Distance (Center to Center) mm	200	125	
Net Weight	kg	16000	14000	
Machine Dimension	mm, L×H×W	约L5900×W4970×H4000	约L6000×W6600×H3000	
		Die Hea		
Die Head Heating Zone	/	10	13	
Die Head Heating Power	kW	22.21	21.3	
		Clamping l	Jnit	
No.Of Station	/	2	2	
Min Clamping Distance Of Mold	mm	230	230	
Max Clamping Distance Of Mold	mm	480	480	
Effective Dimension Of Mold Plate	mm W×H	750×465	750×465	
Carriage Stroke	mm	900	900	
Clamping Force	kN	256	256	
		Extruder Ur	I .	
Extruder Diameter	mm	100	100	
Extruder Length/Diameter Ratio	L/D	27	27	
Extruder Rotating Speedr/min	r/min	10-66	10-66	
Max Extrusion Capacity	kg/h	280	280	
Extruder Motor Power	kW			
Barrel Heating Zone	/	75 5	75 5	
Barrel Heating Power	-			
Cooling Fan Power	kW	21.6	21.6	
Cooling Fan Power	kW	kW 1.85 1.85 1.85		
Oil Pump Motor Power	kW			
Hydraulic System Pressure	Mpa	32 21	32 21	
Pneumatic System Pressure	Мра			
	Мра	0.8	0.8	
Cooling System Pressure Air Consumption		19	24	
· .	m³/h	2	3	
Hot Cutter Power	kW			
Total Power	kW	157.76	156.85	
Total Installed Dower I		Remarks 46#/300 46#/300		
Total Installed Power I	L	<u> </u>	46#/300	
Chiller Recommend	hp	15/10	15/10	
Air Compressor recommend	hp	10	10	
All the machi	nes above can be	optionally equipped with 100 points parison control system,parame	eters would be changed as below:	
<u></u>	,	After with parison control		
Model	/	SL2-L2X4-1A(100)	SL2-LIX6-1A (100)	
Servo Motor Power	kW	5.5	5.5	
Total Power	kW	163.26	162.35	
Effective Dimension Of Mold Plate	mm	#XXXXISO 1560 1560 1560 1560 1560 1560 1560 1560	### 150	
		摆架行程900mm LS-B100V-00.00b	摆架行程900mm LS-B100V-00.00b	

The page data are derived from the Leshan Smart Factory testing, the equipment specific data to customize the situation of the equipment.

Category	Athlon Series(Linear Guide Way		
Model	SL2-L5X2-3A(90-65-30)		

Units			Specification			
/ /	Doul	ble-layer plus l	evel line			
L		5	-			
/		PE,PP				
/		2				
r) mm		250				
		13000				
	About:1	5060×W3540	× H3500			
Machine Dimension mm, L×H×W About:L5060×W3540×H3500 Die Head						
/		7				
kW		21.39				
			Clamping Uni	it		
/		2				
mm		230				
mm		480				
mm W×H		615×505				
mm	-	650				
kN		256				
			Extruder Unit			
mm	90	65	30			
L/D	24	24	23			
r/min	66	10-48	10-21			
kg/h	160	30	4			
kW	37	15	2.2			
/	4	4	2			
kW	16	7.42	2.7			
kW	0.72	0.12	/			
	Power Unit					
kW	23					
-	0.1					
	0.8					
-	0.4					
	22					
		3				
kW	130.65					
			Remarks			
L	46#/300					
<u> </u>		10				
ped with 100 points	parison control syste					
,	2			trol		
-	SL2-I		5-30)			
KVV		136.15				
mm	- No. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	行程650mm LS-B78V-	1			
	/ // // // // // // // // // // // // /	/	/ PE,PP / 2 mm 250 kg 13000 mm, L×H×W About:L5060×W3540: / 7 kW 21.39 / 2 mm 230 mm 480 mm W×H 615×505 mm 650 kN 256 mm 90 65 L/D 24 24 r/min 66 10-48 kg/h 160 30 kW 37 15 / 4 4 4 kW 16 7.42 kW 0.72 0.12 kW 23 Mpa 0.1 Mpa 0.8 Mpa 0.4 m³/h 22 kW 3 kW 3 kW 130.65 L 46#/300 hp 15/10 hp 10 oed with 100 points parison control system.parameters would be After we would be with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.parameters would be solved with 100 points parison control system.param	/ PE,PP / 2 mm 250 kg 13000 mm, L×H×W About:L5060×W3540×H3500 Die Head / 7 kW 21.39 Clamping Un / 2 mm 230 mm 480 mm W×H 615×505 mm 650 kN 256 Extruder Unit mm 90 65 30 L/D 24 24 23 r/min 66 10-48 10-21 kg/h 160 30 4 kW 37 15 2.2 / 4 4 2 2 kW 16 7.42 2.7 kW 0.72 0.12 / Power Unit kW 23 Mpa 0.1 Mpa 0.8 Mpa 0.4 m³/h 22 kW 3 kW 130.65 Remarks L 46#/300 hp 15/10 hp 10 nod with 100 points parison control system.parameters would be changed as below. After with parison control / SL2-L5X2-3A(90-65-30) kW 136.15		



Unit	C onfiguration and F unction	Standard configuration	Optional configuration
	Inlaid alloy main screw	•	
	Belt drive	•	
	Three-phase asynchronous motor	•	
	S tainless steel hopper (with discharge port)	•	
	Wired heating coil or heating plate	•	
	Barrel cooling fan	•	
	C ontinuous extrusion die	•	
	Motor directly connected gearbox mechanism (ZLYJ extrusion system		0
Extruder	The extrusion system uses German technology		0
and Die	Die head uses German technology		0
Head	Automatic material shortage alarm		0
Parts	Magnetic stand		0
	Cooperate with hoppers used for vacuum feeder, four-in-one feeder system, screw feeder, etc.		0
	Cooperate with hoppers used for vacuum feeder, four-in-one feeder system, screw feeder, etc.		0
	Manual screen changing mechanism (frame assembly needs to be changed)		0
	Manual screen changing mechanism (frame assembly needs to be changed)		0
	Cone sleeve type belt drive mechanism		0
	Porcelain joint heating coil or heating plate		0
	C eramic heating coil and heating plate		0
	Pull arm type clamping mechanism	•	
	The swing frame uses electronic brakes	•	
	Clamping force of standard model (refer to catalog parameter)	•	
	S tandard model capacity die size (refer to catalog parameters)	•	
	S wing frame movement is driven by hydraulic cylinder	•	
Clamping Mechanism	Mould opening and closing movement is driven by hydraulic cylinder	•	
Parts	Motion guide adopts linear guide	•	
1 41 65	S ynchronous gear mechanism	•	
	Mould mounting mechanism (electric hoist)		0
	E jector		0
	Increase the clamping stroke		0
	Increase or decrease the die size		0
	F rame body (no lifting mechanism)	•	
	E lectric head- up mechanism	•	
	Die support frame	•	
Frame	C asing lifting mechanism		
Parts	R eserve the manipulator installation position		
	stairs		
	Platform fence		0
	E xtrusion platform moving left and right		0
	S uspension feet		0
	Standard Althon-type series machine safety door appearance(Refer to album)	•	
	S tandard color(R efer to album)	•	
	Light blue translucent acrylic viewing window	•	
Safety Door Parts	Main carbinet	•	
	Hanging rear door	•	
	F ront safety door protection net	•	
	Standard U-type series machine safety door appearance(Refer to album)	•	
	S tandard color(R efer to album)	•	
	Light blue translucent acrylic viewing window	•	
	Different color requirements from standard color		0

Unit	C onfiguration and F unction	Standard configuration	Optional configuration
	Blow pin up and down movement use hydraulic cylinder drive	•	
	Up and down motion guide using linear guide rail	•	
	Manual hand wheel to adjust the blow pin from front to back	•	
	F ixed pen holder	•	
Blow	R emovable cutting ring	•	
Pin Parts	R apid cooling system in the bottle and pen insertion	•	
	E lectric pen		0
	S ide injection device		0
	Pen holder with simple manipulator function		0
	R otating inclined pen holder		0
	Up- lift pen holder		0
	S ealing cutter	•	
	Universal cold and hot shared cutter (horizontal)		0
Knife	1-2kw hot cutter transformer		0
Parts	General hot cutter (front and rear) or left and right horizontal cold cutter		0
raits	Multi- die head special cold knife		0
	C old cutting blade		0
	Imported hot cutting blade		0
	S IE ME NS S 7- 1200 control system	•	
	inch color touch screen	•	
	SIEMENS AC Contactor	•	
	Md500Inovance inverter Md500	•	
	C O- TR US T Temperature C ontrol Module	•	
	S peed, displacement, pressure, flow, temperature and time parameters can be set, edited, accessed	•	
	R eceipt Data S torage of 100 S ets of Mould	•	
	Malfunction Alarm, Malfunction Record, Malfunction Self-diagnose	•	
	Monitoring of Input, Output, Action State and Action Time	•	
	Output Auto- counting, Auto- reset	•	
	S tation auto- balanced system	•	
Flactrical	Auto- reset	•	
Electrical Control Parts	Protecting E xtruder from Low Temperature and High Temperature	•	
	Mould Temperature Alarm	•	
	Oil High Temperature Alarm	•	
	C hinese and E nglish operation screen, multilingual HMI	•	
	R emote maintenance function	•	
	Die nozzel thermostat		0
) Computer temperature control for die nozzle (choose 1 of 2 temperature control with controller)		0
	Opposite light curtain		0
	In- mold labeling function		0
	S ide injection function		0
	Mold core pulling function		0
	S econdary clamping function		0
	Die head anti- static device		0
	Hydraulic 100- point wall thickness control system		0
	E lectric 100- point wall thickness control system		0
	15 inch color touch screen		0
	YUKEN Oil Valve	•	
Hydraulic System Parts	C ooler	•	
	In- line filter	•	
	Level gauge	•	
	Pressure Meter	<u> </u>	



Unit	C onfiguration and F unction	Standard configuration	Optional configuration
Hydraulic	C lamp cylinder	•	
	Buckling hose assembly	•	
	Oil tank	•	
	servo motor	•	
	S ervo C ontroller	•	
System	Internal gear pump	•	
Parts	HIGH- TE C H Double pump		0
	Three phrase asynchronous motor		0
	Mold streching function		0
	INOVANC E Inverter		
	Air cleaner	•	
	parts		
	S tandard air cylinder	•	
	Aventis electromagnetic reversing Valve	•	
	Throttle valve	•	
Pneumatic Parts	R elief V alve		
Parts	Aerofluxus Valve	•	
	S ilencer	•	
	Pressure Meter	•	
	P A tube	•	
	Air cryogenic cooling system(C ooling machine)		0
	Blow pin use air compressor(standard configuration for 15L machine)		0
	Automatic grease lubrication pump	•	
Lubrication	Distributor	•	
System	PA tube	•	
,	C opper pipe		0
	Available to purchase 0#, 00# lithium grease		0
	Two-in and two-out cooling water inlet, pipe diameter is not less than 1.5 inches;	•	
Cooling	Mold water distributor	•	
System	Vortex flowmeter		0
Robot hand	Vertical robot hand		0
nand	Traverse manipulator		0
	Horizontal deflasher		0
	Turing deflasher		0
Deflasher	In-machine spin trimmer(Left&right)		0
	Online spin trimmer(One set)		0
	Mold integrated deflasher		0
Secondary	Secondary sizing	•	
radiality			
			l

