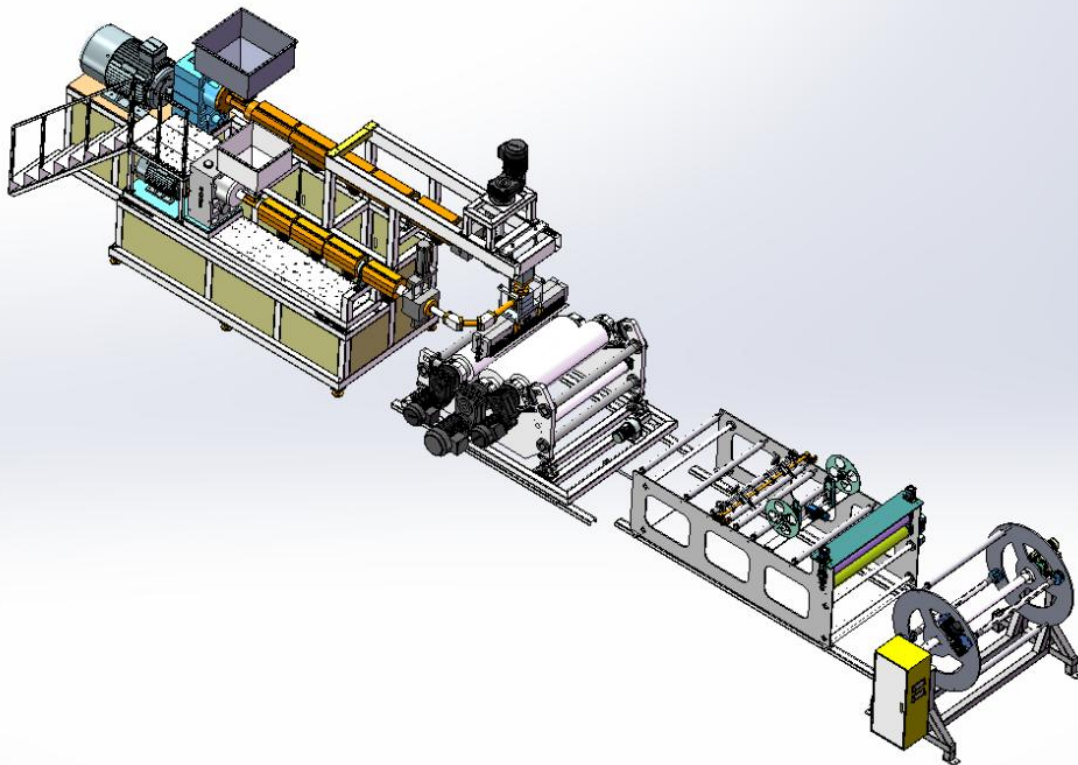




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BC135L-800P Single-layer sheet Extrusion



Process:

Raw material conveying - melt plasticizing extrusion - melt filtration - extrusion forming -
three roll calendering - cooling cutting edge - traction - constant tension winding



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Name	BC135L-800P Single-layer sheet Extrusion
EXW Price	\$78000
Packing	First wrapped by film, then in export wooden boxes, then in container.
Payment Term	T/T, 30% pay in advance, the balance should pay before delivery.
Delivery Time	45 Working days after deposit and drawing confirmed.
Installation	We will send technicians to your country for machine installation, debugging and training. Accordingly, the buyer shall bear all expenses required by our technicians during their stay in your country, including round-trip air tickets, accommodation, and food. The technician's salary will be paid by us during one week of stay. If it exceeds one week, the technician's salary is paid by the customer. Costs \$120 per day.
Guaranty Terms	We seller guarantee the machines are new and the guarantee period will be given 12 months which starts from the date of the machine's arrival. During this period, the seller will provide free maintenance and free spare parts that caused by the machine's quality .



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Parameters:

No.	Item	Technical indicators
1	Adaptive Materials	PP, PS
2	Sheet Width	≤ 800 (mm)
3	Sheet thickness	$0.35-2.0 \pm 0.010$ (mm)
4	Yield	≤ 450 kg/h

Structure:

No.	Name	Unit	Quantity
1	Extruder	PCS	1
2	Quick hydraulic sieve changer	SET	1
3	Pull type flat die head	SET	1
4	Horizontal calender	PCS	1
5	High pressure constant temperature circulation device	SET	3
6	Trimming device	SET	1
7	Scrap take-up machine	SET	1
8	Traction air cooling device	SET	1
9	Double station winding mechanism	PCS	1
10	Distribution control cabinet	SET	1

Configuration:



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No.	Name	Technical parameters, indicators	Remark
Extruder			
1	Screw parameter	Diameter: $\phi 135$; Length to diameter ratio: 35:1	Zhoushan
2	Barrel and screw material	38GrMoAlA; The nitriding layer is 0.4-0.6mm thick	Surface hardness HV850-920.
3	Maximum speed of screw	90rpm	
4	Extrusion reducer	ZLYJ330-16	With oil cooler
5	Extrusion drive motor	160kw-6P	Wannan Electric Machine
6	Speed regulation mode	Variable frequency speed regulation	
7	Frequency changer	160KW	INVT Vector inverter
8	Transmission mode	Type 400	Elastic coupling
9	Temperature controller		wisdom



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10	Heating system	Barrel: Heating power: 7X4X3000w; Fan: 7X60w	7 zone heating with stainless steel housing
11	Pressure monitoring	Melt pressure sensor:	Front - back - net monitoring
Quick hydraulic sieve change		HWQ135-25 Heating power: 5.0kw internal heater	Taizhou Jingcheng mold
T-pull die head		Effective width: 900mm (internal heating)	Taizhou Jingcheng mold
1	Die head	Material: P20 steel	Taizhou Jingcheng mold
2	Melt metering pump	250CC	Taizhou Jingcheng mold
3	Melt pressure sensor		Gefran
Calender			
1	Swing roll	Φ400X1000 surface hardness HRC52-62	Surface medium frequency, chrome plating (mirror)



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2	Forming roll	$\Phi 520 \times 1000$ surface hardness HRC52-62	Surface medium frequency, chrome plating (mirror)
3	Cooling roll	$\Phi 520 \times 1000$ surface hardness HRC52-62	Surface medium frequency, chrome plating (mirror)
4	Roll accuracy	Radial runout $\leq 0.01\text{mm}$; Cylindricity $< 0.01\text{mm}$	
5	Three-roll bearing	High precision double combination bearing structure	Taiwan TMB
6	Drive motor	3 sets of 3kw variable frequency motors	Omet
7	Parallel shaft gear reducer	FA87-Y100L-4-B5 3 units FA67-Y100L-4-B5 1 unit	Omet
High pressure constant temperature circulation device			
1	High pressure multistage	3KW=2 2.2KW=1	South water pump



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	stainless pump		
2	Stainless steel water tank	Three sets	self-brand
3	Heat exchanger	Type 600 (3 sets)	Foshan
4	Stainless steel heater	Three sets (each heating power 9KW)	Jiangsu (Province)
5	Temperature controller		Aoyi
6	Roller control mode	Screw control pitch; Fine-tuning mechanism limit	
7	Roll shift	0.37kw motor /RV30/50 reducer drive	Dongbang
8	Roll lift	0.75kw motor /RV60/10 reducer drive	Hangzhou
Cool trimming			
1	Air cooling	10 φ70X800mm aluminum alloy guide rollers	Anodized, high hardness
2	Trimming device	The trimming mechanism can be adjusted arbitrarily	
Scrap take-up machine			



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1	Torque motor	2.5 KG	
2	RV reducer	RV50-20	
3	Regulation mode	Screw width adjustment	
Traction mechanism		Variable frequency speed regulation can be synchronized with three rollers	
1	Drag roll	φ215X1000mm;	Mirror plane roller *1, rubber roller*1
2	Traction power	Motor: 2.2kw/1450rpm; Reducer FA67-Y2.2-B5	
3	Drag roll lift	Pneumatic control	
Double station winder		Maximum winding diameter: 750mm	
1	Winding machine	4kw torque motor	
2	Air expansion shaft winding	With φ74X850mm; Air expansion axis 3	
3	Reduction gear	RV110/RV63/i=800	



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Electrical control section

1	Whole machine control system	The whole machine adopts communication system, and the control performance is more stable	Our proprietary system
2	Touch screen		Siemens
3	PLC programmable		Siemens
4	Dynamic control	Extrusion, three-roll and traction power are controlled by frequency conversion governor	INVT inverter
5	Temperature module	Total 14 zones temperature control; It has the functions of self-tuning, memory and anti-interference	Xinjie
6	Solid-state relay		Aoyi
7	Contactor,		South Korea LG
8	Circuit breaker		South Korea LG
9	Type K thermocouple		Shenjie



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10	Button, switch class		Schneider of France
11	Other electrical accessories	Ammeter, voltmeter, transformer, conversion switch, etc	Chint Electric