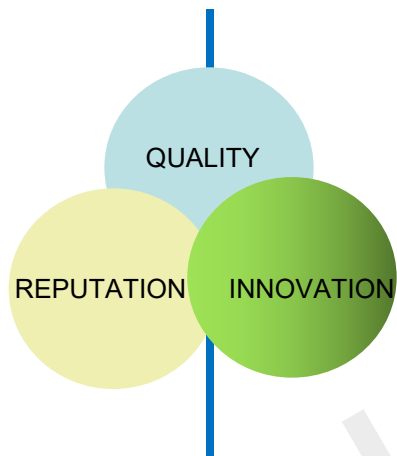




[Qingdao Haosaite Plastic Machinery Co.,LTD.](#)

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Quotation

Quotation date:
Quotation expire:



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SALES SERVICE



● **HAOSAITE**

HAOSAITE was established in 2004. The company is a high-tech & joint-stock enterprise covering 26000 m². Converged with development of scientific research, production operation, technique service as an integrate. We are an independent import and export rights' enterprise. The company is awarded Qingdao Profession Lean Speciality Innovation enterprise, Qingdao Private Technology enterprise, Qingdao High-tech enterprise.

● **PRODUCT**

The products include plastic machinery and products. We have passed ISO9001:2000 international quality system certification. We have new products developing trial plant. The plastic machinery covers series of pipe, board & sheet, profile, granulator crusher and so on referring 20 series 100 varieties.

● **MARKETING**

Our machines are exported to more than 20 countries such as Canada, Italy, Russia, Chile, Indonesia, Kazakhstan, Ukraine, Vietnam, India, Turkey. Providing most competitive products and perfect service after sales which get highly praise by domestic and abroad clients.



I. MAIN PARAMETERS:

1. Processedmaterial:	TPO/PP and PE virgin pellets and additives
2. Specifications of sheet	Thickness: l-5mm, Width:1850 mm
3. outputcapacityofextruder	500-600kg/h
4. Line speed	Speed range : 8-60 m/min
1. SJ130/33 Extruder	
1.1 Drier machine	
1.2 SJ130/33 Extruder:one	
1.3 Screen changer	
1.4 Melpump	
2. SJ65/33 Extruder	
2.1 Drier machine	
2.2 SJ65/33 Extruder:one	
2.3 Screen changer	
2.4 Melpump	
3.Mould	
4. 2100 Three roller calender	
5. Independent controlled calender temperature controlling system.(water temperature controlling)	
6. Double stations layoff device	
7. 2100 trimming &cooling conveyor	
8. Haul off unit	
9.cutting system	
10.Cooling bracket	
11.Electrical control system	
12.spare parts and tools with shipment	
13. Environment condition	

Pic





Part	Parameter or QTY
1.1 Drier machine 1sets	
Ribbon mixer	1000L, 7.5
1.2 130/33 exhaust type single screw extruder	
Motor:	AC160KW brand NANYANG EUROTHERM controller
b. Gear box	
Gear and gear shaft are made of	high strength alloy steel, gear part precision is 6 grade, high capacity transmission stable.
Hardness:	HRC62
Structure:	Vertical
Material of the axes:	40CR
Can stand the 50MPA pressure from head	
Lubrication:	oil
Overload protection system:	Outside loop cooling
c. Efficient screw	
Screw diameter	130mm
The screw, raw material:	38CrMoAl,nitrited treatment, nitritedlayer:0.5-0.7mm,surface hardness:>HV920
d . The screw, raw material:	38CrMoAl,nitrited treatment, nitritedlayer:0.5-0.7mm
Heater:	ceramic, external stainless steel.
Heating zone 8, heating power:	50KW
Cooling control:	Air blower
Vacuum system oil type	4KW
e. Feeding system	
Vacuum loader ,	450kg/h
Non-material warning device:	feeding motor 2kw; frequency converter: ABB; concentrated feeding .
f. Master feeder	






4. Screen changer		1sets
NO.	Part	Parameter
1	Model and qty:	130 single plate switch
2	Size:	L1(185mm), L2(110mm), L3(805mm)
3	Weight:	128KG
4	Strainer diameter:	145mm
5	Temperature:	100-350°C
6	The max output:	130-600kg/h
7	Voltage& Power:	220V, 50Hz
8	The max pressure:	≤45Mpa
9	1.4 melt pump one set	
10	371cc/rev, 700kg/h, motor:	11KW
11	Heating:	6KW
1.SJ 65/33 extruder		

Pics





NO.	Part	Parameter	Pics
1	2.1 Drier machine 1sets		  
2	Ribbon mixer	500L, 5.5kW	
3	2.2 SJ65/33 single screw extruder		
4	a: Main technical data.		
5	main propel power:	55KW frequency motor. ABB	
6	adopt hard tooth face slow drive		
7	screw revolving speed :	90RPM	
8	screw diameter:	φ65mm	
9	output:	160kg/h(max)	
10	B move		
11	Through the elastic clutch directly power transfer		
12	Transmission series:	the secondary transmission	
13	With high torque output vertical slow device		
14	C. basic structure for vertical installation		
15	adopt circulating cooling system		
16	high performance thrust bearing,high torque output		
17	gear for special alloy hard-toothed surface,grinding for gears processing.		
18	gear case is high life low noise,low heat of the special deceleration device		
19	gear ratios:	16:1	
20	Thrust bearing thrust for	50 Mpa with maximum pressure	
21	D.Vacuum loader	250kg/h, 1.5kW	
22	feeder		
23	manual regulator,adjustable blanking device		
24	E. Barrel base and sleeve		

NO.	Part	Parameter
25	adopt steel base,material:	45#,quenching and tempering treatment.
26	rectangular open wide type feeding out.	
27	feeding section water cooling cycle	
28	F. barrel and screw	
29	length-diameter ratio:	33 L/D
30	material:	38CrMoAl, nitrited treatment, nitrited layer:0.5-0.7mm,surface hardness:>HV940,
31	7point qutomatic conyrol system,stainless steel cover, heater 8 zones 20kW, Vacuum system oil type 2.2kW	
32	import low niose cooling blower,blower power	8×250W
33	front loading and unloading screw	
34	located in the machine	at the end of the cylinder pressure senor
35	G: frame	
36	high strength steel welding structure frame	
37	H . configuration vacuum Dehumidification device,vacuum pump power:	3.7KW×1
38	equipped with capacity of	100L stainless steel hopper
39	i .Master feeder	




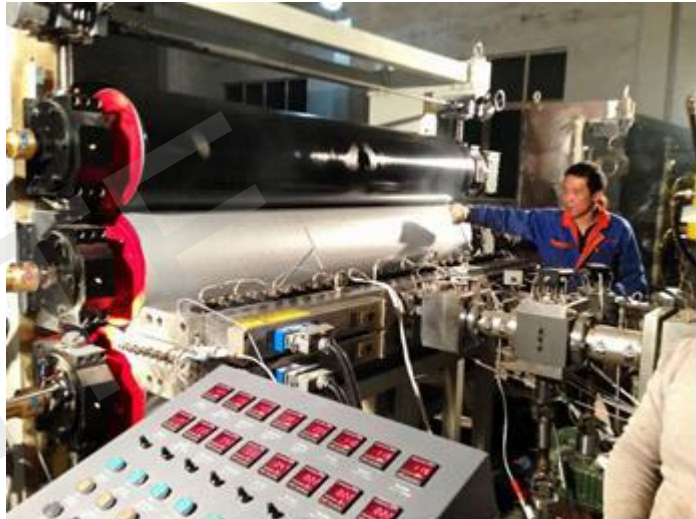

4. Screen changer 1sets

NO.	Part	Parameter
1	Model and qty:	65 single plate switch
2	Size:	L1(280mm), L2(180mm), L3(1155mm)
3	Weight:	315kg
4	Strainer diameter:	80mm
5	Temperature:	100-350℃
6	The max output:	50-300kg/h
7	Heating type:	Heating rod
8	Voltage&Power:	220V, 50Hz,



2. 2000mould

NO.	Part	Parameter	Pics
1	Muli-manifold Die without Feedblock		
2	Width adjust 200mm each sides.		
3	Width of mould mouth:	2000mm	
4	Raw material of mould:	5CrNiMo..	
5	Mould adjust :	up and down mould lips can adjust, down lips is micro adjustment.	
6	The mould flow channel is	chrome plate, polishing treatment.	
7	Cable connection type:	Fully closed cable connection.	
8	heating method, voltage , power and zone distributing situation:	voltage :220v. 50HZ, within 5k for each zone heating. heater 50kW	
9	Stainless steel bar heaters adopted.		
10	Surface treatment: mould flow channel Chrome plating ,	thickness 0.02-0.05mm. hardness:60-65Rokwellc. Outer surface Chrome plating thickness:0.01-0.02mm.	
11	Mould lips flow channel polish precision:	0.02-0.04u.	
12	Other flowing surface polish precision:	0.04-0.05u.	
13	Outer surface polish precision:	0.06-0.08u.	

NO.	Part	Parameter	Pics
1	4. TYPE2100 high precision three roller calender		 
2	bears adopt	Japan brand HAERBIN(6 pieces).	
3	Shaft:	high torque , big force, anti-leakage designing and installation.	
4	Raw material:	Mirror roll	
5	45# is made of	crackless stainless tube, quenching,hardening and tempering treated, its surface is Chrome plated and then polished,roller hardness reaches HRC48 degree. Chrome	
6	thickness:	0.1mm.	
7	chrome layer surface hardnessRoller diameter	above HRC52.	
8	length:	450mm, 2500mm.	
9	Driving system:	Three roller independent driving control system.	
10	High precision gear box.		
11	driving Servo motors:	3sets 3.5 KW each	
12	Speed range :	8-60 m/min	
13	Roller gap adjustment:	Hydraulically, adjusting by gearwheel and	
14	linear gear, security by limited switch.		
15	Precision screw cap micro-adjust unit, adjust precision:	0.005mm. can give micro-adjust on line.	
16	Moving system		
17	Can move distance:	1500mm	
18	moving speed:	1m/min	
19	motor :	1.5kw	
20	Three roller controlling:	separately and synchronous controlling all can use.	
21	Lubrication grease hole adopting		
22	Axial temperature difference	$\leq \pm 3^{\circ}\text{C}$	
23	Plate under three rollers:	aluminum, thickness no less than 4mm	

5.Independent controlled calender temperature controlling system.(water temperature controlling)

NO.	Part	Parameter
1	Pressure pump system	
2	Resistance to high temperature and pressure pump, pump power:	1.1 KW
3	High precision three roll with	a heat exchanger
4	Stainless steel fin type heat source system, high precision temperature control instrument.	
5	Vibration type temperature control: heating power:	15 kw
6	Copper rotary joint	
7	pipe without leakage.	



6. Double station layoff device 1set

NO.	Part	Parameter
1	Two stations each for upside and bottom side.	
2	Air shaft for loading film/paper:	φ74*2100mm, Totally 4 pieces for up and down.
3	Stainless steel roll:	φ 75*2100mm, toally 4 pieces.
4	Rubber roll: φ	100*2100mm, 2 pieces.






7. 2000 cooling conveyor

NO.	Part	Parameter	Pics
1	10 sets of roller with water cooling in the shaft, and	with electric motor and gearbox for rotating, the rest roller without water cooling and rotating motor.	
2	Roller specification:	70*2100mm	
3	Roller material:	harden aluminum, polishing and abrasion resistant treatment and half-mirror	
4	Cutter 2 pieces		
5	Legerity cutter supporter unit		


8. Haul off unit:

NO.	Part	Parameter	Pics
1	Drivingmotor	2*5.5KW,	
2	4 piece of compact rubber roller:	diameter 250mm, width 2100mm	

9. Cutting system **one set**





NO.	Part	Parameter	Pics
1	Cutting Thickness Range:	0.5-6mm	
2	Cutting Width (max):	2100mm	
3	Cutting Mode:	motorized type, 5.5Kw	

10. Cooling bracket

NO.	Part	Parameter	Pics
1	Transmission driving by motor.		
2	Transport by belt:	width 2100 and length 2000mm.	
3	Control method:	pneumatic.	
4	Which can handle the sheet:	width 2100 and length 3000mm.	



A set of electric control system:

NO.	Part	Parameter	Pics
1	ABB inverter, contactor, relay Siemens. air switch CHINT products.		
2	Electronic components:	SIEMENS	
3	Frequency converter use	ABB	
4	Color Touch screen:	10.4" omron brand SIEMENS	
5	Construction:	separately	
6	Warning system:	there are equipped with visible and audible warning system for 3-roll frame moving warning, pressure sensor warning, extruder warning.	
			

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**12. spare parts and tools with shipment**

NO.	description	specification	quantity
1	heaters	for barrel(ceramics)	1 set
2	heaters	position(stainless steel)	1set
3	heaters	for die head (stainless steel bar)	1set
4	gear box oil in/ out put seal		2pcs
5	breaker	SIEMENS	5pcs
6	K thermocouple	5m	5pcs
7	Relay		5pcs
8	alternating current contactor	SIEMENS	5pcs
9	button	SIEMENS	6pcs
10	temperature controlling meter	RKC	5pcs
11	Magnetic valve	for water cooling temperature controlling system	1pc
12	mould special bolt	for mould	Each 2pcs
13	Natural cooling roller		2 pcs
14	Cutter		5 pcs
15	Flatulence air shaft		1 pc

13. Environment condition

NO.	Part	Parameter
1	indoors	
2	no dangerous area	
3	humidity degree	≤85%
4	temperature	0-40℃
5	Power supply:	3-phase, 380V±10% 50Hz
6	Cooling water:	≤20℃, ≥0.3Mpa, ~20T/h 11m ³ /h
7	Compressed air	0.3 cubic meter/min, >0.5Mpa.

[Qingdao Haosaito Plastic Machinery Co.,LTD.](http://www.haosaito.com)

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