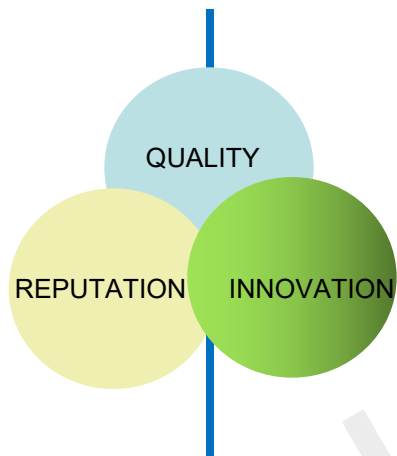




[Qingdao Haosaite Plastic Machinery Co.,LTD.](#)

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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 | |




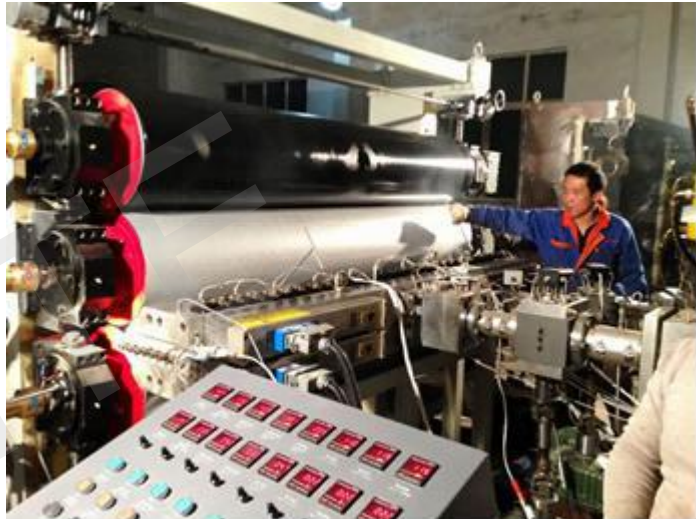

4. Screen changer 1sets

| 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.qingdao-haosaito.com)

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