

WPC Base Profile Extrusion Line

Sample Quotation



Standard Equipment List

No	Device Name	Qty
1	SRL-Z 200/500 Mixer Unit	1 Set
2	Screw Loader	2 Sets
3	SJZ65/132 Conical Twin-Screw Extruder	1 Set
4	Profile Vacuum Stereotype Table	1 Set
5	Profile Haul-off Machine	1 Set
6	Profile Cutter	1 Set
7	Stacker	1 Set
8	Mould (Customized according to drawing or sample)	1 Set

Business Item

<u>VOLTAGE</u>	380V & 50Hz – Three Phase, can be customized with extra cost
<u>DELIVERY TIME</u>	60 Days; if voltage is different, delivery day would be extended
<u>OFFER VALIDITY</u>	30 Days
<u>TERMS OF PAYMENT</u>	30% of down-payment by T/T. Balance 70% T/T before delivery. T/T or L/C both okay according to customer requirements
<u>WARRANTY</u>	<u>Mechanical parts & Electrical parts :</u> 12 months for parts considered by the manufacturer to be defective. During the warranty period, non-human damage can be replaced for free (excluding wearing parts, such as heating ring, belt, etc.).
<u>SITE INSTALLATION</u>	Seller can send staff to install and test the machinery on buyer's request, and buyer shall afford return air ticket, local accommodation, food and daily \$80 USD allowance for seller's staff. This can be negotiated in further details. The buyer should get preparation done in advance, such as water, gas, electricity supply and raw materials those.

Specification

1. SRL-Z 200/500 Mixer Unit



Discharge method:	Pneumatic
Mixing time:	8-12 min/Pot
Control method:	Temperature control/Time control
Operating method:	Manual/Automatic
Part Of Hot Mixer	
Total volume:	200L
Effective volume:	150L
Number of stirrer:	2
Stirring blade rotation speed:	475/950
Motor Power:	45Kw (AC)
Part of Cold Mixer	
Total volume:	500L
Effective volume:	320L
Number of stirrer:	1
Spindle speed:	90 r/min
Cooling time:	8-12 min/Pot
Cooling method:	Water-cooled
Motor Power:	11Kw

2. Screw Loader



Motor Power:	1.5 Kw
Silo Size:	900 * 750 * 700
Screw Diameter:	102mm

3. SJZ 65/132 Conical Twin-Screw Extruder



Barrel and Screw Material:	38CrMoAlA, Nitriding Treatments
Thickness Of Nitriding Layer:	0.4~0.6 mm
Hardness:	HV900-1040
Screw Speed:	3.5-34rpm
Heating Sections and Power:	Four Sections; 22Kw resistive heating
Barrel Cooling Fan Power and Cooling Zones:	0.25Kw x 3 zones
Vacuum Pump for Exhaust:	SZ-1 Type - 1.5Kw

Motor Power:	AC 37Kw (with inverter control)
Motor Speed:	1500rpm
Gearbox:	Hardened special gear box
Speed Ratio:	1: 43.22; helical teeth
Box Material:	Ductile iron
Gear Material:	20CrMnTi
Quantitative Loader Material:	Stainless Steel
Loader Motor Power:	AC 0.55KW
Machine Frame:	Channel steel, steel plate welding parts (material Q235)
Output:	180-250Kg/h
Whole Machine Weight:	About 4 Tons

Appliances:

Temperature Control Table:

Omron

Electrical Components:

Siemens

Frequency Converter:

Can be customized accordingly

Automatic temperature control: temperature control of the screw core through the thermostat, the use of air-cooled, oil-cooled and electric heating ring used interchangeably, so that the barrel to set the temperature, the choice of special oil as the medium, the temperature control in a very small Within range.

4. Profile Vacuum Stereotype Table



Table Length:

5m(suitable for the current advanced mould requirements)

Vacuum Pump:	5.5Kw + 4Kw
Water Pump:	5.5Kw
Pumping Rate:	400m ³ /h
Drying Fan:	1.1Kw
Drying Interface:	4
Table central distance:	320mm
Front & Rear Moving Motor:	1.5Kw

In order to adapt to the profile, especially when the high-speed extrusion of the inner wall of the ribs good cooling requirements, it adopts negative pressure so that the wet mold within the cooling water into a vortex-like, which can achieve adequate cooling effect.

In order to meet the requirements of high-speed extrusion, stereotypes must be stable without jitte, special three-dimensional adjustable structure.

5. Profile Haul-off Machine



Effective Hauling Length:	2.2m
Main Power:	1.5Kw * 2; AC variable frequency control

The structure is compact and the appearance is beautiful. Traction crawler clamping force on the cylinder by the upper and lower chamber pressure to adjust the appropriate clamping force for a variety of different profiles.

The front of the equipment installed the profile of the left and right film device, the rear part of the equipment installed profile up and down film device

6. Profile Cutter



Cutting Motor Power:	2.2Kw
Pneumatic Lift Knife Cutting:	Cylinder advance
Blade Diameter:	450mm
Maximum Cutting Cross-section:	180 * 65mm

Automatic cutting, small computer screen text display; PLC control; Using industrial saw blade; Adopts fine tooth saw blade, which cutting surface formation. Cutting speed will be adjust by the throttle, and dust will be removed by the round bag filter.

7. Stacker



Length:	≤6000mm
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Turnover or push straight: controlled by stroke switch	
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