

BEIER MACHINERY CO., LTD

SRL-W 500/1500 Mixer/Cooler



(The picture is only for reference)

Intersection Between The North 2nd Ring Road and City Avenue, Economic Development Zone, Zhangjiagang City, Jiangsu Province, China 215600

Contact person:

Canada, U.S.A. & Mexico

Contact person: Fraser Reid

Tel: 773-234-3795

E-Mail: Fraser@beieramerica.com

Thank you very much for your inquiry. We are pleased to offer you the following based on our enclosed general terms of delivery and sale.

1. Project evaluation: A high intensity mixer to be used for mixing powdered ingredients.

1.1. Raw material & Final product:

Raw material & formulation	Ingredients such as PVC powder resin, CaCO ₃ , stabilizer, TiO ₂ , and other additives
Output capacity	660~820kg/hr (Depending on the material formulation)
Description of the final product	Mixed PVC raw material or other mixed materials

1.2 Energy consumption

Installation power	90KW
Cooling Water	≤20°C, ≥0.3Mpa, ~15~16 M ³ /hr
Compressed air	0.3m ³ /min, >0.5MPa
Manpower	1 Person

1.3 Main commercial terms

Project	SRL-W 500/1500 Mixer/Cooler System
Price in U.S. funds	<p>Total EX Works: Inland transportation cost to Shanghai port (1×40'GP): Packaging cost: Total: FOB Shanghai port <u>Options:</u> 1) ABB inverter for variable speed mixer impeller. Maximum rpm: 860 Add: 2) PLC control for operation, data collection and storage. Add:</p>
Payment terms	50% down payment by W/T; 50% by W/T before delivery and after inspection/pre-shipment test.
Delivery time	90 days from the date of receiving the down payment and a technically clarified order.
Packaging	Fumigation wooden pallet and covered by PE stretch film
Warranty period	13 months from the date of the bill of lading

2.1 Technical specifications

Technical data	Heating mixer	Cooling mixer
Total capacity (L)	500	1500
Effective capacity	330	1000
Motor power (Kw)	55 / 75	18.5
Maximum blade speed (rpm)	430/ 860 Or variable speed if the optional inverter is ordered.	70
Mixing time per batch (min.)	8~15	
Material temperature (°C)	≤120	≤45
Heating/Cooling method	Self-friction	Water-cooling
Discharging method	Pneumatic discharge	
Maximum output (Kg/hr)	Depending on the raw materials. PVC for example: Bulk density of PVC: minimum: 0.5kg/L Maximum output: 165Kg per batch, 5 batches per hour Maximum output: 820kg/hr	
Basic material of the mixer tank, flange, shaft and flow deflector: Stainless steel Inner wall thickness: 8mm Foundation thickness: 10mm Electrical parts: Temperature gauges: RKC Low voltage electric parts such as: Circuit-breakers, AC contactors, relays, push buttons, pilot lamps, etc.: Schneider, Omron, Siemens or LG <u>Remarks:</u> No asbestos insulation is used. Electrical components are UL approved.		

2.2 Spare parts (free of charge)

No.	Spare part	Unit	Qty.	Application
1	Oil seals	pc	3	Mixer Base
2	Thermocouples	pc	3	Heating system

2.3 Optional Equipment

Name	Capacity(kg/h)	Price
Spiral Loader	1000	
Name	Volume (m ³)	Price
Buffer Silo & Pneumatic Butterfly Valve	0.4	

3.1 Work conditions at the customer's facility.

Warehouse/Workshop	Dimension (M*M*M): 2.7 (Length)×2.7(width) ×3(Height) Crane: Machine positioning
Temperature & Humidity	≤40°C,
Power supply & Installation power	460/3/60
Wire/cables	Wires/cables: From power supply to control cabinet of the mixer. All electrical cables from the control cabinet to the mixer.. UL approved electrical components
Cooling Water	Water supply to the mixer cooler.
Lubrication oil:	Sinopec, Exxon mobile
Compressor	Necessary

3.2 After Service

Technical documentation	All the symbols on the equipment will be in English. BEIER is responsible for providing a general layout plan, electrical plan, installation orientation and a manual in English for the Buyer.
Arrangements for inspection, installation and testing of the equipment	<p>a. After all the equipment is delivered to the customer's factory; the Buyer is responsible for all preparation work, e.g. electricity supply, water supply, cranes and labor, etc.</p> <p>b. BEIER will prepare visa applications for their engineers, who will review the equipment installation and testing at the Buyer's factory.</p> <p>c. The Buyer will buy a round-trip air ticket for the engineer(s) after the visa application is approved. The Buyer is responsible for all expenses generated, e.g. visa application fees, meals, accommodation and an allowance of \$125.00 per day for each engineer.</p> <p>d. The engineer(s) will provide free training for the operators and maintenance people in Buyer's factory.</p> <p>e. If the Buyer does not request commissioning by BEIER's engineer(s) within four months from the date of the bill of lading, it will be accepted that all the</p>

	<p>equipment has been successfully tested and approved by the Buyer.</p>
<p>Quantity and quality guarantee</p>	<p>In the case of quantity discrepancies or damage to any of the equipment at the destination, the Buyer will file a claim within 30 days after the arrival of the goods at its destination. The insurance company and the shipping company will be responsible for all discrepancies and damage caused by the shipping company or other transportation companies.</p> <p>a. Guarantee period and after-sales services: 13 months from the date of the bill of lading.</p> <p>During this guarantee period, BEIER will provide spare parts without charge in cases of quality discrepancies. If malfunctions are caused by the Buyer's improper equipment operation; BEIER will provide the Buyer with spare parts at cost prices.</p> <p>a. Long-term service:</p> <p>Beyond one year, BEIER will provide the Buyer with spare parts at reasonable prices and provide long-term technical guidance.</p>
<p>Validity</p>	<p>Two months from the quotation date.</p>

We thank you for your inquiry

Beier Machinery