

# BEIER MACHINERY CO., LTD

## SHR-100 Mixer



*(The picture is only for reference)*

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

**1. Project evaluation: A mixer for use in the production of master batch, pigments, polyolefins and other compounds.**

**1.1 Raw material & Final product:**

Raw material & formulation	Master batch, powders, pellets and other additives
Final product & Output capacity	165kg/hr (Depending on the compound formulation)
Description of final product	Color concentrate or other compounds ready for pelletizing.

**1.2 Energy consumption**

Installation power	22KW
Cooling Water	≤20°C, ≥0.3Mpa, ~15~16 M³/hr
Compressed air	0.3m³/min, >0.5Mpa
Manpower	1 Person

**1.3 Main commercial terms**

Project	SHR-100 Mixer
Price in U.S. funds	Total EX Works: Transportation cost to Shanghai port (1×20'GP): Packaging cost: <b>Total: FOB Shanghai port</b>
Payment terms	50% down payment by W/T 50% by W/T before delivery and after inspection
Delivery time	70 days from the date of receiving the down payment
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	Mixer
Total capacity (L)	100
Effective capacity	75
Motor power (Kw)	14/22
Maximum blade speed (rpm)	650/1300
Mixing time per batch	8~12
Material temperature (°C)	≤120
Heating method	Electric
Discharging method	Pneumatic discharging
Maximum Output (Kg/hr)	Depending on the raw material, PVC for example: Bulk density PVC: 0.5kgs/L Maximum output: 33Kg per batch, 5 batches per hour Maximum output: 165kg/hr
<p>Basic material of the mixer tank, flange, shaft and flow deflector: Stainless steel</p> <p>Inner wall thickness: 6mm</p> <p>Foundation thickness: 6mm</p> <p>Electric parts: UL approved electrical components and with a through the door electrical safety switch.</p> <p>Temperature gauge: RKC</p> <p>Low voltage electric parts: Circuit-breaker, AC contactors, Relays, Push buttons, Pilot lamp, etc. (Schneider, Omron, Siemens, LG).</p>	



**Remarks:**

- 1) A ball valve is installed under the additive hopper.
- 2) For a variable speed motor/mixing blade (ABB Inverter) **Add:**

**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

**3.1 Work conditions at the customer's facility**

Warehouse/Workshop	Dimension (M*M*M): 3.5 (Length)×2 (width) ×2 (Height) Crane: Machine positioning
Temperature & Humidity	≤40°C,
Power supply & Installation power	3-phase, 460V, 60 Hz
Wire/cables:	Wires/cables from the power supply to the control cabinet of the mixer.
Lubrication oil:	Sinopec, Exxon mobile
Compressor	Necessary

**3.2 Service**

<b>Technical documentation</b>	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.
<b>Arrangements for inspection, installation and testing of the equipment</b>	<ul style="list-style-type: none"> <li>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.</li> <li>b. BEIER will prepare visa applications for their engineers, who will review the equipment installation and testing at the Buyer's factory.</li> <li>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.</li> <li>d. The engineer(s) will provide free training for the operators and maintenance people in Buyer's factory.</li> </ul>

	<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 equipment has been successfully tested and approved by the Buyer.</p>
<p><b>Quantity and quality guarantee</b></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><b>a. Guarantee period and after-sales services:</b> 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><b>a. Long-term service:</b></p> <p>Beyond one year, BEIER will provide the Buyer with spare parts at reasonable prices and provide long-term technical guidance.</p>
<p><b>Validity</b></p>	<p>Three months from the quotation date.</p>

We thank you for your inquiry

Beier Machinery