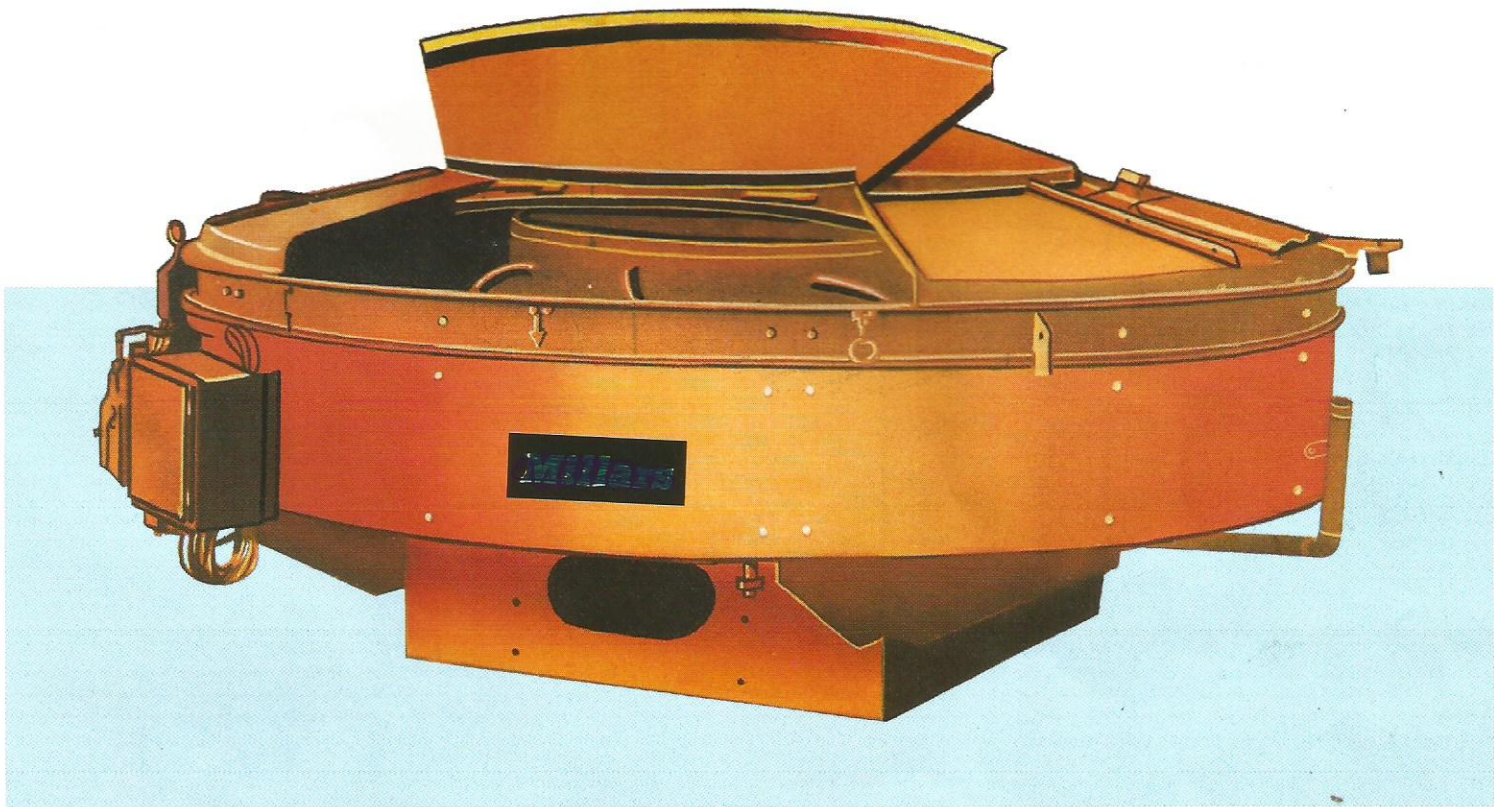
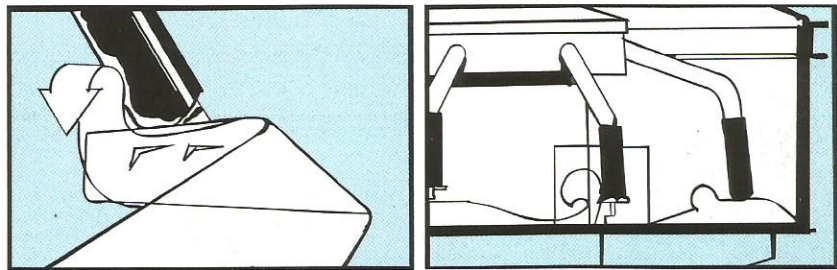


# HIGH SPEED PAN MIXER

For Concrete (Even for zero slump) & For glass Industries



Practical and economic advantages of the **MILLS** High Speed Pan Mixers are extremely low wear, low power requirements, ease of access to the mixing pan for maintenance and cleaning work, hydraulically actuated discharges at upto three possible position, off-set by 90° to each other; steam injection for the production of hot concrete, turbo-type clutch for economic starting when mixing pan is filled, no environmental pollution, minimum of operational noise due to special rubber wear parts, outstanding constant mixing action, high output per hour...these are essential factors for the economic production of high quality concrete both light and heavy of all consistencies, and for other specific applications like sand lime mixtures, refractory clay mixtures with varying specific gravity and consistency, also for glass and ceramic mixtures.





## TECHNICAL DATA FOR CONCRETE

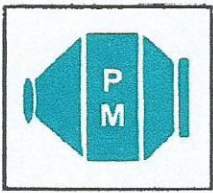
Technical Data		THZ 375	THZ 500	THZ 750	THZ 1125	THZ 1500	THZ 1875	THZ 2250	THZ 3000	THZ 3750	THZ 4500
Capacity maximum Dry input in	litres	375	500	750	1125	1500	1875	2250	3000	3750	4500
Capacity maximum Dry input in	kgs	600	800	1200	1800	2400	3000	3600	4800	6000	7200
Output of compacted concrete per batch	m <sup>3</sup>	0.25	0.33	0.5	0.75	1.0	1.25	1.5	2.0	2.5	3.0
Output quantities in compacted concrete refer to dry-lean concrete consistency. Please ask for performance details for other mixes separately											
Size of aggregates to be mixed	round	70	80	85	85	85	85	85	85	85	85
Maximum edge length	crushed	50	60	60	60	60	60	60	60	60	60
Mixer motor output	KW/HP	11/15	15/20	22/30	30/40	37/50	45/60	55/75	75/100	90/125	110/150
Mixer motor output	RPM.	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Mixer motor speed	RPM.	36	30	29	27	23,5	24	20,5	20,5	19	19
Maximum Filling weight for skip hoist in	Kgs	550	750	1100	1650	2200	2700	3250	4300	5400	6600
Hoist winch motor	KW/HP.	3/4	3.7/5	5.5/7.5	7.5/10	15/20	18.6/25	18.6/25	22/30	30/40	37/50
Hoist winch motor	Rpm.	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Mixing paddles Without outer and inner scraper	No.	4	5	5	6	8	8	10	13	15	15
Water meter nominal size/final value	a cu. m./ltrs.	10/100	10/100	20/200	20/200	50/200	50/200	80/500	80/500	80/1000	80/10000
Weight standard machine	kgs	1500	1900	2500	3500	4600	4800	7300	9000	10800	11400
hoist	kgs	530	785	890	1360	2075	2175	3190	4500	5300	6200

Technical details subject to change without notice

## TECHNICAL DATA FOR GLASS

Technical Data		THZ 375	THZ 500	THZ 750	THZ 1125	THZ 1500	THZ 1875	THZ 2250	THZ 3000	THZ 3750	THZ 4500
Capacity maximum input in	litres	375	500	750	1125	1500	1875	2250	3000	3750	4500
Capacity maximum Dry input in	Kgs	375	500	750	1200	1500	2000	2500	3000	4000	4500





# PM Construction Machinery

Spare Parts / Service, Erection, Commissioning, AMC & Automation of Batching Plant

17/384, Dadbhawala Co-op. Society, Telang Road, Opp. Syndicate Bank, Matunga (E), Mumbai - 400 019.  
Tel.: 022-24043133 / 24041413 • Fax: 022-2402 4681 • Mob.: 09224278167 / 09833678167 • Email : pm\_construction@sify.com

Ref: PMCM:SUN:14-15/177  
October 18, 2014

M/s. Sunglass Limied.,  
Plot H8 Kudenda Industrial Layout  
Off Nnamdi Azikiwe Way  
P.O. Box 151, Kaduna,  
NIGERIA.

Kind Attn: Mr. V Madhu

**Sub: Quotation for High Speed Pan Mixer Suitable for Glass.**

Dear sir,

Further to your email enquiry and subsequent telecom you had with us in regard to your requirements of Pan Mixer, we are pleased to submit herewith our most competitive offer for our High Speed Pan Mixer as under:

## **HIGH SPEED PAN MIXER MODEL - PM-1875**

Output Capacity	-	2000 Kgs
Drive Capacity	-	50 HP
Gear Box	-	Planetary

### **MIXER MODULE:**

This is a high speed pan mixer Model PM-1875 of welded steel construction. The output per batch is 2000 kg. The Mixer Pan base, discharge door cover with mixing pan walls are lined with wear plates which are supplied in sections and are easy interchangeable.

The drive of Pan Mixer is from 3 Phase 50 HP electric Motor which are connected to gear box. The drive motor is protected against any dirt ingress and is easily accessible for maintenance. The Rotor fitted to output shaft of gear box consists of adjustable spring loaded mixer arms. The Mixer arms are made from round alloy steel bars which avoids to a large extent the troublesome adhesion of materials that has to be mixer in the pan.

The Mixing Paddles of Ni-hard castings are easily replaceable as they fitted with only two screw Mixing Arms. Positioning of mixing arms and angle of mixing plates are such that the materials to be mixed are moved quickly from the internal and external zones to central zone and its turned around there in a intensive manner in continuously changing directions and also from pan bottom upwards. The mix is thus in continuous motion which results in a faster homogenization in shorter mixing time.



: Page – 2 :

Only Mixing arms and mixing paddles are located in mixing chambers. The Mixing Paddles of special hydraulic design are made from wear resistant Ni-hard castings. The rotor and adjusting components are protected against dirt ingress which enables easy maintenance and adjustments without having to intrude into the mixing area.

The discharge door fitted to the mixer is hydraulically operated and is enclosed. In case of power failure over riding is also provided. The Pan Mixer is provided with a special water spray device which distributes water uniformly and quickly in the center of the mixing chambers by means of adjustable cone spray nozzles. This also results in a cleaning effect for the mixer arms and walls.

**PRICE:**

The Standard cost of Complete Mixer is **Indian Rs. 15,27,750/-** each Ex-Mumbai. (Indian Rupees Fifteen Lacs Twenty Seven Thousand Seven hundred Fifty only)

**DELIVERY:**

Within 10-12 Weeks from the date of receipt of your Order with Advance.

**OPTIONAL:**

**1. Control Panel**

Extra Price of Indian Rs. 75,000/- each Ex-Mumbai

**2. Water Meter: Digital type water meter with Pump**

Extra Price of Indian Rs. 75,000/- each Ex-Mumbai

**THE TERMS AND CONDITIONS:**

**PRICE:**

The Price quoted above is for each ex-Mumbai, India exclusive of all taxes and duties, insurance, freight charges, VAT, Octroi, etc if any will be charged as per the rates ruling at the time of Delivery.

**TRANSIT INSURANCE:** Will be extra at actual

**TRANSPORTATION CHARGES:**

The Cost of Transportation from our Works will be extra at actual. You shall be required to arrange for all government forms.

**PACKING & FORWARDING:**

You have to arrange for Packing required for Export and same will be borne by you.

**PAYMENT TERMS:**

50% advance along with Order and balance 50% with 100% taxes and duties against our Performa Invoice prior to dispatch.

: Page – 3 :

**Inspection:**

As soon as the equipment is ready for dispatch we shall inform you well in advance to enable you to depute your technical representative for inspection of the same. The expenses towards his visit will have to be borne by you only.

**Supervision of Erection and Commissioning: (If Required)**

We will depute our service engineer/technician for supervision of erection and commissioning. For this purpose we shall charge Indian Rs. 1,25,000/- + Service Tax per Mixer. 50% of the same shall be paid in advance and balance during the course of commissioning. You have to provide necessary tools, tackles, consumable, gas cutting set, welding set, skilled and unskilled labour crane facility etc. **free of charge including To & fro Air Ticket, lodging, boarding and local conveyance at your site.**

**GUARANTEE:**

Our equipment is guaranteed for a period of 12 months from the date of commissioning or 15 months from the date of dispatch whichever is earlier against any manufacturing defects. The guarantee excludes all normal wear and tear of equipment. During this period if any parts are found defective the same shall have to be send to our works duly freight paid for our inspection/replacement.

**VALIDITY:**

Our offer is valid for 30 days from the date hereof after which period the price and delivery will be subject to our confirmation in writing.

Thanking you and assuring you of our best corporation, always.

Yours faithfully,

**For PM CONSTRUCTION MACHINERY**



**Deo Yadav**

**Authorised Signatory**