

CAPACITIES

300, 500, 600,
750 & 1000 kg



SALIENT FEATURES

- ▶ Sturdy construction
- ▶ Easy for preventive & routine maintenance
- ▶ Inside lining-stainless steel / Ceramic Lining
- ▶ All pulleys are taper lock pulleys
- ▶ Guide vanes for pushing the sand in spin action below the rotors
- ▶ Rotor blades fine, Angular & carbide tips brazed
- ▶ Homogenous sand mixing - Excellent sand quality - Uniform sand strength
- ▶ High casting quality
- ▶ Environmentally friendly operation with no dust leakage or loss of fines
- ▶ Fully automatic control panel
- ▶ Auto water - Dozing panel.



◀ Intensive Mixer with Ceramic Lining



TECHNICAL DATA

TYPE	KIM-1900-150	KIM-750 -100	KIM-600-75	KIM-500-40	KIM-300-20
Dimensions in mm					
A Diameter	1900	1900	1600	1600	1300
B Height of Mixer	4200	4065	3870	3730	2425
Batch Specifications					
Batch Capacity (Max.)	1000 Kg	750 Kg	600 Kg	500 Kg	300 Kg
Cycle time	90 -120 S	90 -120 S	90 -120 S	90 -120 S	90 -120 S
Batch/Hour	36	36	36	36	30
Mixing Rate	30 T/h	22.5 T/h	21 T/h	18 T/h	9 T/h
Vessel Cap. Used+New Sand	1.0M ³	1.0M ³	0.7M ³	0.7M ³	---
Mixing Power					
Drive Power (HP)	150	100	75	40	20
Blenders Power					
Drive Power (HP)/ Number	30+30/2	20+20/2	30/1	20/1	7.5/1
Total Weight : Approx	12000 Kg	10500 Kg	7000 Kg	5500 Kg	2500 Kg
Optional Accessories					
Ceramic Lining, Mechanical Charger, Load Cell System & Control Panel.					

Sand Plant & Allied Equipments : Knock Out Machine, Punch Out, Auto Mould Handling, Belt Conveyor, OBMS, Bucket Elevator, Polygonal Siever, Sand Cooler, Moulding Boxes, Pallet Cars, Transfer Trolley, Pouring Monorail, Intensive Mixer, Sand Muller, Sand Aerator, Skip Charger, Sand Siever, Pin Lift Moulding M/c & Pneumatic Moulding M/c. **Core Shooters & Allied Equipments :** Core Sand Mixer, Sand Drier, Cold Box Core Shooter, Core Painting Unit, Core Oven, Liquid Resin Sand Coating Plant, Shell Core Shooter, Shell Moulding M/c, Shell Mould Fuser, Shell Core Blower.

Ladle & Metal Handling Equipments : Hand Shank Ladle, Lip Pouring Ladle, Tea Spout Pouring Ladle, Bottom Pouring Ladle, Drum Type Ladle, SG Treatment Ladle, Auto Pour Ladle, Cupola (Divided Blast) Cupola Charger.

Shot Blasting & Fettling : Shot Blast Machine, Grinder & Apron Conveyor. **Testing :** Sand & Metal Testing

KELSONS ENGINEERS & FABRICATORS

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