



Tiger Machine Company

CONCRETE PRODUCT MACHINES RM SERIES BATCHING & MIXING

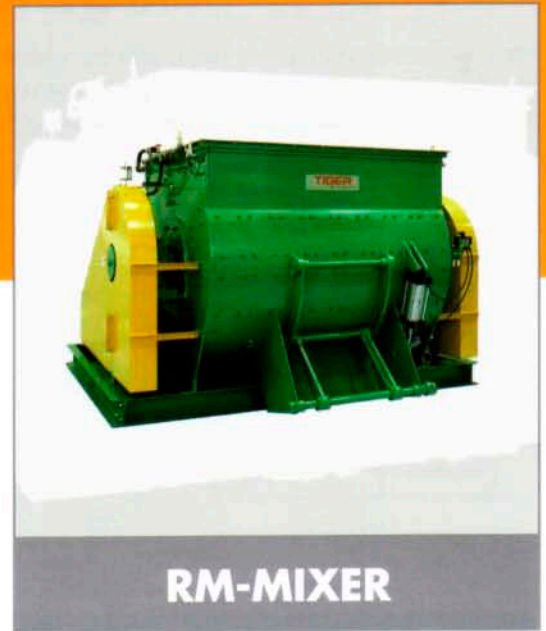
The importance of good mixing and batching:

The proper selection of the correct type and size of clean, strong and well graded raw materials is one of the most important steps in the production of quality concrete. Fine and coarse aggregates, cement, water, and admixtures must be blended in the right proportions to achieve a concrete of the correct characteristics for the application required. In order to obtain superb quality concrete, the batching and mixing equipment must also be of high quality and capable of producing the most homogeneous mix of concrete, with the best mixing ratio. This is the first and one of the most important steps in the production of high quality, durable, strong and aesthetically pleasing concrete pre-manufactured products. Whether it is for mixing of dry concrete materials for bagging, semi-dry concrete for the production of concrete masonry units or pre-cast (pipe and others) or pre-stressed products, Tiger mixers are sure to do the best job. All quality products start here!

General features of Tiger mixers:

Tiger's extensive line of mixers are designed with the newest technological features that will assure the production of great quality concrete for use in any production machine requiring zero (0) slump semi-dry concrete for diverse applications.

Tiger mixers like any other machinery and/or component made by Tiger are made to the highest quality standard in the industry. Tiger machinery is made by the best qualified engineers, designers, technicians, and assemblers at their manufacturing and design locations. From their inception, design, manufacture, assembly, testing, packaging, installation and start up, Tiger mixers are of the leading edge of innovative thinking. This creates mixers that are durable, strong, easy to operate, easy to maintain, and are reasonably priced and that have low operating and maintenance costs.

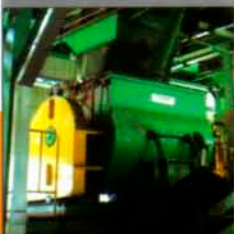


RM-MIXER

Specifications: Tiger RM Series Batch Mixers

- NI-Hard abrasion resistant replaceable drum liners
- NI-Hard abrasion resistant replaceable spiral-shaped (figure-8) blades
- Pneumatically operated mixer gate
- Self lubricating gearing and drive
- Full frame base platform
- Dual action self lubricators
- Heavy duty sealed thrust bearings
- High torque capacity electric motors sized for a specific range volume and weight of material in various sizes
- Highest mixing homogeneity factor
- Low operating costs
- Low maintenance costs
- Heavy duty shaft

MIXING & BATCHING



RM-24 MIXER



RM-36 MIXER



RM-81 MIXER



MIXING & BATCHING

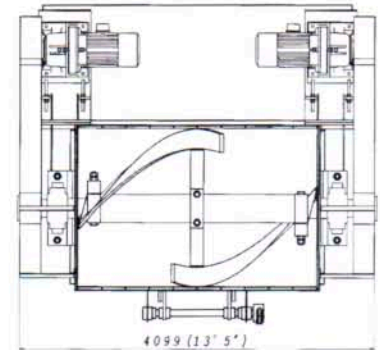
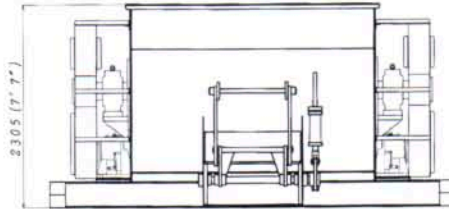
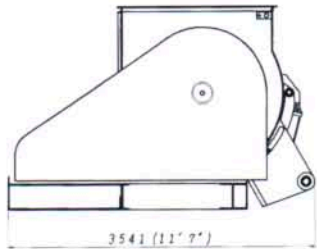


Leadership through innovation.

TIGER BATCHING & MIXING SPECIFICATIONS & FEATURES

Please discuss your plant requirements with a TIGER representative. Our TIGER team of experts in the field of concrete product manufacturing are ready to assess your needs and provide the equipment that best suits your requirements. Let us help you identify the correct Batching & Mixing machinery to fit your product applications.

RM-120



Download these and other TIGER technical specifications at www.tigermachine.com/resources

RM SERIES BATCH MIXERS - SPIRAL BLADE - HORIZONTAL SHAFT

Features	RM-24	RM-36	RM-48	RM-60	RM-81	RM-100	RM-120
Air operated gate	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Hydraulically operated gate	optional	optional	optional	optional	optional	optional	optional
Drive clutch - air/direct drive	Direct, Chain	Direct, Chain	Direct, Chain	Direct, Chain	Direct, Chain	Direct, Chain	Direct, Chain
Motor(s) and base	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Oil filled gear housing	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Pulley guard	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Removable head section	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Totally enclosed drum	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Cleanout gate - manual	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Cleanout gate - air operated	optional	N/A	N/A	N/A	N/A	N/A	N/A
Drum grid	optional	optional	N/A	N/A	N/A	N/A	N/A
Head scrapers	optional	Std.	Std.	Std.	Std.	Std.	Std.
Liners w/moisture sensor probes	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Blade shaft covers	N/A	N/A	Std.	Std.	Std.	Std.	Std.
Cleaning rings	optional	optional	optional	optional	optional	optional	optional
Specification							
Motors(s) kW/hp	11kW/14.75 hp	22kW/29.5 hp	30kW/40.25 hp	37kW/49.65 hp	2x30kW/2x40.25 hp	2x37kW/2x49.65hp	2x45kW/2x60.45hp
R.P.M. of the blade shaft	20	20	20	20	20	20	20
Compressed air requirements m3/min	0.3 m3	0.5 m3	0.5 m3	0.5 m3	0.6 m3	0.6 m3	0.6 m3
Compressed air pressure required MPa	7 MPa	7 MPa	7 MPa	7 MPa	7 MPa	7 MPa	7 MPa
Water inlet pipe size (diameter) mm/in	27.2 mm/.075"	27.2 mm/.075"	27.2 mm/.075"	27.2 mm/.075"	34 mm/1"	48.6 mm/1.5"	48.6 mm/1.5"
Productivity							
Maximum dry capacity kgs/lbs	1,100 kg/2,420 lbs	1,600 kg/3,250 lbs	2,200 kg/4,840 lbs	2,600 kg/5,720 lbs	3,150 kg/6,930 lbs	4,500 kg/9,900 lbs	5,500 kg/12,100 lbs
Mixer volume size & rating	0.5 cu m	0.7 cu m	1.0 cu m	1.2 cu m	1.5 cu m	2.0 cu m	2.5 cu m
Options							
Moisture meter system	available	available	available	available	available	available	available
Mixer dimensions							
Approximate width mm	2920 mm	3220 mm	3670 mm	3870 mm	3200 mm	3900 mm	4680 mm
Approximate height mm	1350 mm	1650 mm	1690 mm	1800 mm	2060 mm	2150 mm	2300 mm
Approximate length mm	1540 mm	1820 mm	2050 mm	2620 mm	2700 mm	2840 mm	3720 mm
Approximate shipping weight (net) kgs	2300 kg	3200 kg	4500 kg	5300 kg	8000 kg	10700 kg	12000 kg

JOIN THE CONCRETE REVOLUTION!

TIGER reserves the right to change, discontinue or improve product design and specifications without prior notice.



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