

To be your exclusive mixing solution expert

PMIXERS[®] QINGDAO PMIXERS MACHINERY CO.,LTD



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FOCUS ON BETTER MIXING

PMIXERS®



PMIXERS PLANETARY MIXER FOCUS ON BETTER MIXING

QINGDAO PMIXERS MACHINERY CO.,LTD. is a professional enterprise focusing on the research and development, production, sales and service of material mixing equipment. The products are mainly used in various building materials, concrete refractory, casting, metallurgy , glass and chemical materials etc.

In order to meet your needs, to provide you with the optimization of mixing equipment and technical support, PMIXERS all staff will serve you wholeheartedly!

Enterprise Qualification / Patent Certificates





To be your exclusive mixing solution expert

Reliable Performance

Efficient Material Homogenization Treatment.

Structure and Small Space required.

Flexible Layout, 1-3 unloading doors are optional for different production lines.

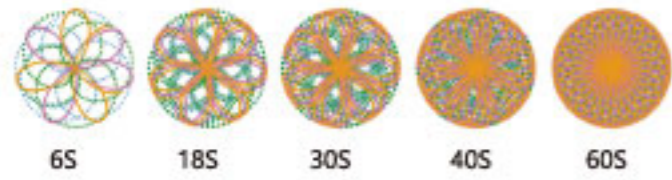
Simple Structure, Simple and Convenient Maintenance.

Principle of Motion

The mixing blade uses the principle of revolution and rotation motion, and the motion track covers the entire mixing barrel, realizing zero-dead-angle stirring in the mixing barrel.



Counter-Current Planetary Mixer

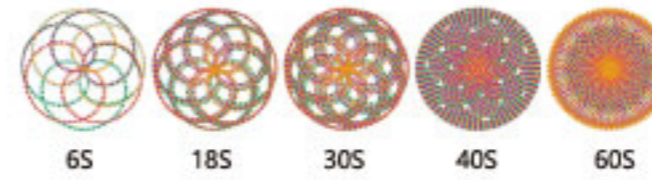


5L-750L

Mixing Locus Diagrams



Flow-Current Planetary Mixer



1000L-5000L

Mixing Locus Diagrams



	Feeding Capacity (L)	Output Capacity (L)	Feeding Weight (kg)	Mixing Power (kw)	Discharge Power (kw)	Mixing Ctar* Blade	Side Scraper	Discharge Scraper	Lifting Power (kw)
PMC5	5	5	5	0.4	-	1*2	1	-	-
PMC10	15	10	24	1.5	-	1*2	1	-	-
PMC50	75	50	120	2.2	-	1*2	1	-	-
PMC100	150	100	240	3	-	1*2	1	-	-
PMC150	225	150	360	7.5	2.2	1*2	1	1	-
PMC250	375	250	600	11	2.2	1*2	1	1	3
PMC330	500	330	800	15	2.2	1*2	1	1	4
PMC500	750	500	1200	18.5	2.2	1*3	1	1	5.5
PMC750	1125	750	1800	30	2.2	1*3	1	1	7.5

*PMC 5-PMC 750 .

	Feeding Capacity (L)	Output Capacity (L)	Feeding Weight (kg)	Mixing Power (kw)	Discharge Power (kw)	Mixing Ctar* Blade	Side Scraper	Discharge Scraper	Lifting Power (kw)
PMC1000	1500	1000	2400	37	3	2*2	1	1	11
PMC1250	1875	1250	3000	45	3	2*2	1	1	11
PMC1500	2250	1500	3600	55	4	2*2	1	1	15
PMC2000	3000	2000	4800	75	4	3*2	1	2	18.5
PMC2500	3750	2500	6000	90	4	3*2	1	2	22
PMC3000	4500	3000	7200	110	4	3*3	1	2	30
PMC4000	6000	4000	9600	160	4	3*3	1	2	-
PMC5000	7500	5000	12000	220	5.5	3*3	1	2	-

*PMC 1000-PMC 5000.

Gearing System

Consists of a high-quality motor from Siemens (Germany) and our patented gearbox. With soft-start option that efficiently transfers power from the motor to the rotating planetary shafts for optimum performance. It's suitable for low noise production and are ideal for indoor factory settings. It can meet various harsh working conditions such as large stirring torque and strong resistance to ensure long-term and high-stable operation of the mixing equipment.



Discharging Device

According to the different requirements of customers, the discharge door can be designed by pneumatic or hydraulic. 1-3 discharge doors can be opened, and a special sealing device is provided to ensure the sealing reliable.

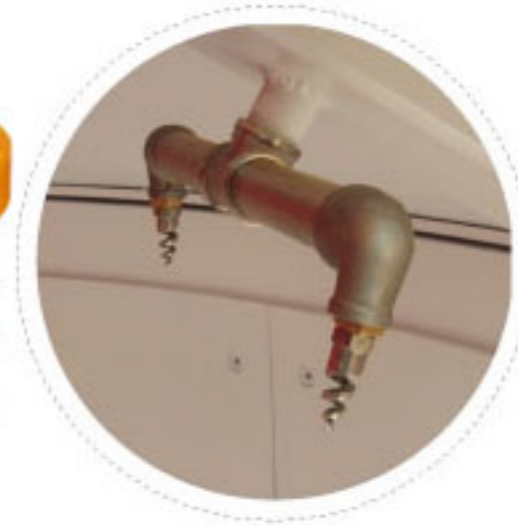
Mixing Device

Compulsory mixing is realized by composite moves of extruding and overturning driven by rotating planets and blades.



Water Device

The nozzle adopts a helical solid conical nozzle, which has a fine and uniform atomization effect, achieves an excellent coverage and a large area, and makes the material mix more evenly.



Safety Devices

Emergency switch + Door power off



Spy Device

There is an observation port on the inspection door, which can be used to observe the mixing of materials during normal operation when the mixer is power on. A pneumatic spring device for assisting the inspection door is set to make it easier to open and close the door.

Planetary Mixer with Skip Hoist

Skip Hoist

The feeding door automatically opens when feeding, and closes when the hopper begins to descend. The device effectively prevents the dust overflow the trough during the mixing to protect the environment.

Optional:

1. SEW motor
2. If models above 2 m³ output are operated by Variable Frequency Drive (V.F.D.).
3. 45-70° incline (custom made) Standard : 60°

Weighing Sensor

Adopt famous brand pull type or pressure sensors to achieve stable performance and high measurement accuracy.

Powder Weighing System

The powder weighing system adopts weight sensor for weighing, and is equipped with ventilation device, which has high measurement accuracy and strong stability.

Dust Remove System

The mixer can be equipped with special dust removal device, pulse back-flushing dust remove system. Filter and bag type can be chosen.

Butterfly Valve

Our pneumatic rubber-lined butterfly valve has good sealing performance and reliable performance, and can transmit the signal of opening in place and closing in place.

Water Dosing System

Water measurement can use weighing methods: time control method, flow meter pulse method. High measurement accuracy and strong reliability.



Pan Mixer

Features

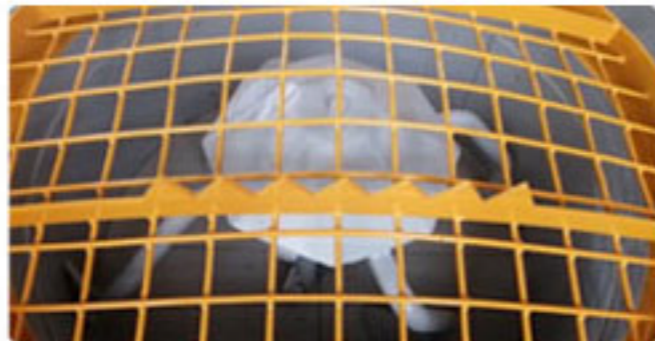
Applies to the refractory castable material and the site construction, etc;
Both the Mixing Speed and Homogeneity are very high. The common mixing materials include cement mortar, concrete, refractory materials, etc;
The design is simple and easy with compact structure, internal cleaning is simple, convenient and wheeled mobile;

The bag cutting device is optional, the feeding height is comfortable, easy to use;
Internal lining boards attached to prevent mixing material abrasion on cylinder, replaceable liners can continue to be used, low maintenance cost, and long life;

Combine mixing, electric and water into an organic whole, thoroughly implement of small automatic mixer;



Product Procsss



Technical Data

	Mixing Capacity (kg)	Scraper	Feeding Height (mm)	Mixing Power (kw)	Rated Power	Weight (kg)	Dimension L*W*H(mm)
MT100	100	4	1000	4	AC380V 50HZ	300	1500X1000X1300
MT250	250	5	1150	5.5	AC380V 50HZ	560	1500X1300X1400
MT500	500	5	1300	11	AC380V 50HZ	915	1800X1600X1400
MT800	800	5	1280	15	AC380V 50HZ	1200	1800X2050X1300
MT1000	1000	5	1500	18.5	AC380V 50HZ	2200	2290X2160X1490

Other Accessories



Moisture Sensor



Hydraulic Coupling



High Pressure Cleaning



Wear-Resistant Steel Liner



High Chromium liner / Mixing Blade



High Speed Mixing Blade



PE Liner / Mixing Blade



Dust Cover



Skip Hoist



Electric control cabinet



Weighing system



Pump & Flow Metering System

Application Industry



PCCP



High-speed rail sleeper



Pavement brick



Block



Unshaped refractories



Insulation brick



Castable material



Refractory brick



Ceramic



Ceramic fiber cloth



Metallurgical material



Foundry sand



Service & Support

PMIXERS has strong technical strength and extensive sales and service network.

Our Commitment

Formulate perfect customer profiles and long term tracking services.

Provide warranty service to users in accordance with strict warranty period.

Free training for users on product operation and maintenance services.

Provide maintenance service and accessories supply to lifelong service of customers.

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