



Anhui Yechuang Machinery Technology Co.,Ltd.

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YECHUANGMT intensive mixers have the best performance in refractory material processing. For refractory bricks , casting compounds , thermal insulation compounds , oxide ceramic and non-oxide ceramic products and unshaped refractory products , our intensive mixers can always give constantly stable A-level products and mixtures for your project.



- Shaped refractory products
- brick press bodies of any kind
 - insulating firebricks bodies
 - kiln furniture press bodies
 - isostatic pressing bodies
 - ceramic filters bodies

- Unshaped refractory products
- dry vibrating mixes
 - plastic refractory
 - ramming mass
 - self-flow castable
 - spray grouts



Diverse Functions

Mixing,kneading,batching,slurrying,dispersing, cooling, plasticizing, forming, deaeration,

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crushing, fibrillating, heating, agglomerating, granulating, drying, weighing, measuring, conveying



The unique structure and advanced working principles

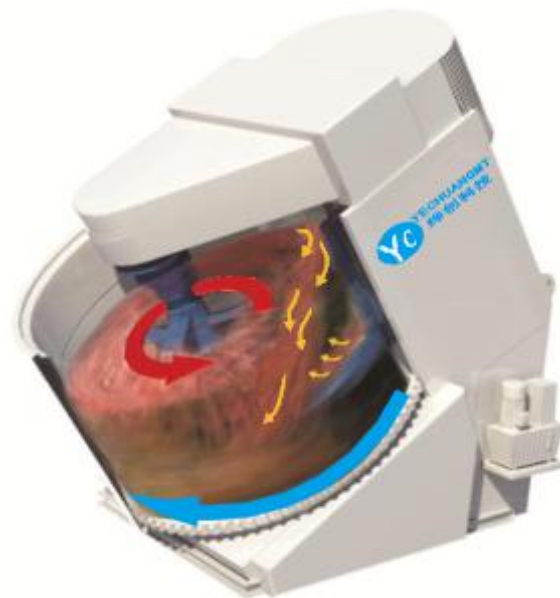
With unique outline structure of 30° inclined angle mixing silo, mixing pan in clockwise rotation plus high speed rotating three-dimensional mixing tools in anticlockwise, our intensive mixers are adopted with world-leading mixing principles:

1. When mixing under the strong mechanical shearing force, the inclined rotating mixing silo brings the material to the top, which dropping under gravity and peeled off by the multi-purpose scraper, which primely realize the vertical mixing.

2. The mixing tool can run variably, slow to fast for mixing, kneading etc.

(i.e. the input of power into the mix can thus be controlled specifically)

3. The separation between material move and mixing process allows the speed of the mixing tool variable within wide limits.



Thus it offers users the following significant advantages:

1) Mixing processes and mixing speeds can be adjusted to suit the respective formula.

2) The mixer is suitable for both mixing and kneading.

This allows to also prepare silica brick press bodies without muller and to produce plastic / extrusible bodies without kneader.

3) The mixer is suitable for mixing and granulating.

This provides a cost-effective solution for the production of granules (for isostatic presses or alternatively to thermal granulation)

4) Operation under protective gas / redrying of granules and bodies under vacuum and additional heating are possible

5) Dry mixers can be supplied with an automatic pneumatic interior cleaning system

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6) Substantially less water is required for manufacturing prefabricated components, less porosity

7) Various sizes (5L to 3000L) with divers wear mixing tools and discharge ways optional.

Model List

Model		MX05T	MX08T	MX09T	MX11	MX12	MX15	MX19	MX24
Item									
Mixing Silo	Mixing Volume	40L/65KG	75L/120KG	150L/240KG	200L/300KG	300L/400KG	500L/800KG	1000L/1500KG	2000L/3000KG
	Silo Dimensions	Ø500*360	Ø800*500	Ø900*700	Ø1100*750	Ø1250*800	Ø1500*820	Ø1900*890	Ø2400*1200
	Inclined Angle	30°	30°	30°	20°	20°	20°	20°	20°
	Rotating Speed	27rpm	32rpm	22rpm	20rpm	22rpm	17rpm	11rpm	14rpm
	Motor Power	1.5KW	4.5KW	5.5KW	7.5KW	11KW	18.5KW	15KW	37*2KW
Mixing Rotor	Rotor Dia.	280mm	350mm	450mm	580mm	650mm	700mm	900mm	1200mm
	Rotating Speed	120rpm	700rpm	750rpm	600rpm	300rpm	500rpm	500rpm	200rpm
	Motor Power	15KW	15KW	22KW	22KW	37KW	75KW	75KW	220KW
Discharging Door	Discharging Way	Silo Inclines to Discharge	Silo Inclines to Discharge	Silo Inclines to Discharge	Hydraulic Central Discharge	Hydraulic Central Discharge	Hydraulic Central Discharge	Hydraulic Central Discharge	Hydraulic Central Discharge
	Pressure	70Kg/cm ²	70Kg/cm ²	70Kg/cm ²	70Kg/cm ²	70Kg/cm ²	70Kg/cm ²	70Kg/cm ²	70Kg/cm ²
	Motor Power	0.75KW	2.2KW	2.2KW	2.2KW	2.2KW	2.2KW	2.2KW	3.75KW

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Main Features

- 1) The maximum uniformity of material mixing in minimum time.
- 2) Dry mixing: Distinctly fewer repairs due to wear compared to cylindrical mixers
- 3) Mixing result and mixing quality remain unchanged even if only partial quantities are mixed, down to 30% of the nominal capacity
- 4) Less structural maintenance with high energy saving
- 5) Convenient maintenance with super long service life
- 6) High effective volume,small working area,economical construction cost
- 7) Continuous or batch-wise operation both available
- 8) Since there is only one mixing tool,easier to clean

Our Feedstuff Production Line On Site



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