

No matter you are looking for a stand-alone mixer, or are considering a complete mixing plant, Fangyuan is confident to be a trustable partner to contact. For decades, we have been focusing on mixing technology. With years accumulation of experience and manufacture capability, Fangyuan is the only company with all the key components self-designed and self-manufactured. What does this mean?

MORE CUSTOMERIZED TO FIT YOUR SPECIAL REQUIREMENT, AND ALSO SHORT DELIVERY TIME!

CONCRETE MACHNIERY, WE ARE YOUR ONE-STOP PROVIDER

Modular Container-Design Mixing Plants with Skip Loading



Designed for minimum space requirement and large quantities of concrete production performance, durable container modules enable economical transportation, minimum time and operations of erection and disassembling, robust structure reduces the requirement of foundation, leading to economical plant relocations, plant fully enclosed and protected from harsh environment, also low noise and dust emission.

Modular Container-Design Mixing Plants with Conveyor Loading

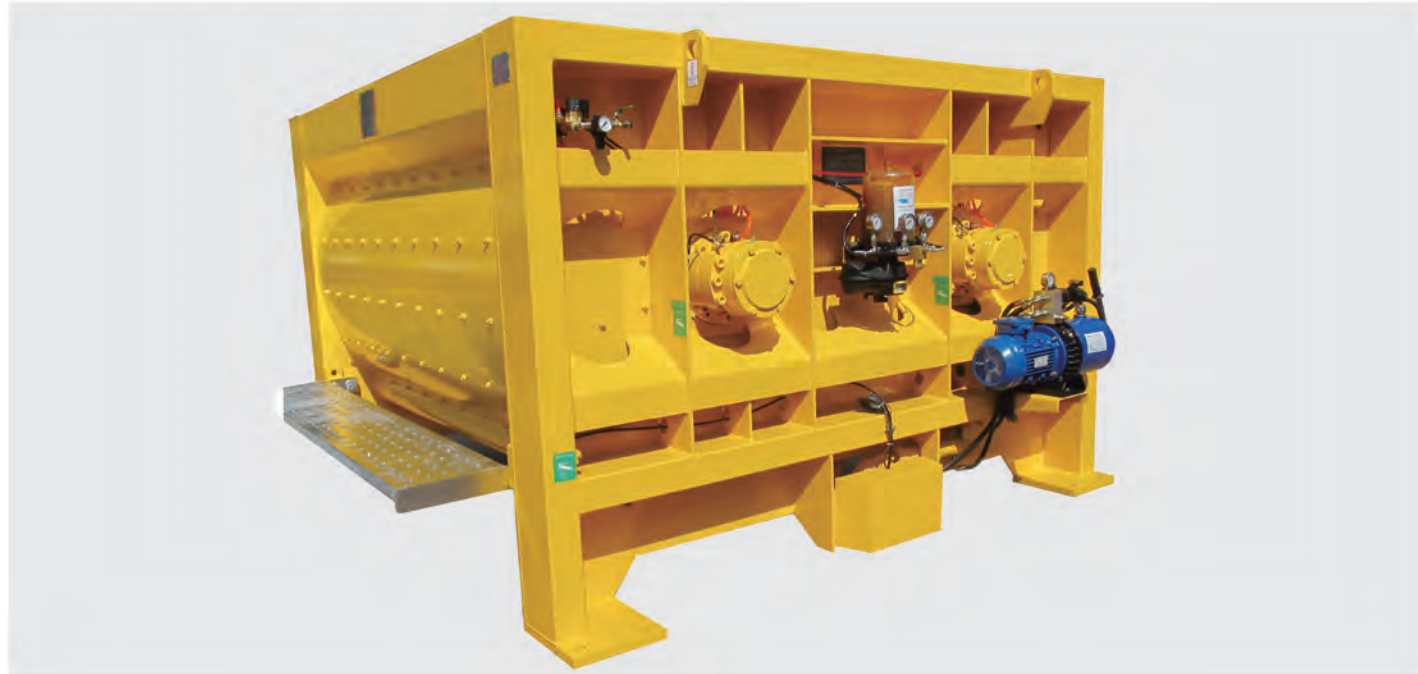


- Quick and easy installation.
- Cost effective sea and land transportation.
- Quick and easy relocation.
- Flexibility in the configuration.
- Minimum foundation cost.

Item	Unit	HZS50D	HZS90D	HZS120D	HZS180D
Nominal output/h	m ³ /h	50	90	120	180
Mixer charging	m ³	1	1.5	2	3
Batching machine		PLD1600-III	PLD2400Q-IV	PLD3200QD-IV	PLD4800QD-IV
Aggregate storage bins charging	m ³	7	15	20	20
Aggregate storage bins qty.	pc	3	4	4	4
Aggregate weighing capacity	kg	2000	3000	4x2000	4x3000
Cement weighing capacity	kg	600	1000	1200	1600
Flyash weighing capacity	kg	/	300	400	600
Water weighing capacity	kg	250	400	500	800
Additive weighing capacity	kg	40	40	50	80
Mixer power	kW	37	2x30	2x37	2x55
Belt conveyor power	kW	15	18.5	30	45
Total power	kW	80	120	150	190
Mixer discharge height	m	3.8	3.8	3.8	3.8
Total weight	t	24	42	51	62
Outline dimension(L x W x H)	m	17.7x10.4x19.4	30.8x15x19.4	34x13.2x19.4	40x19x18.5
Loading		Skip hoist			
Weighing accuracy	Aggregate	%	±2	±2	±2
	Powder	%	±1	±1	±1
	Water	%	±1	±1	±1
	Additive	%	±1	±1	±1

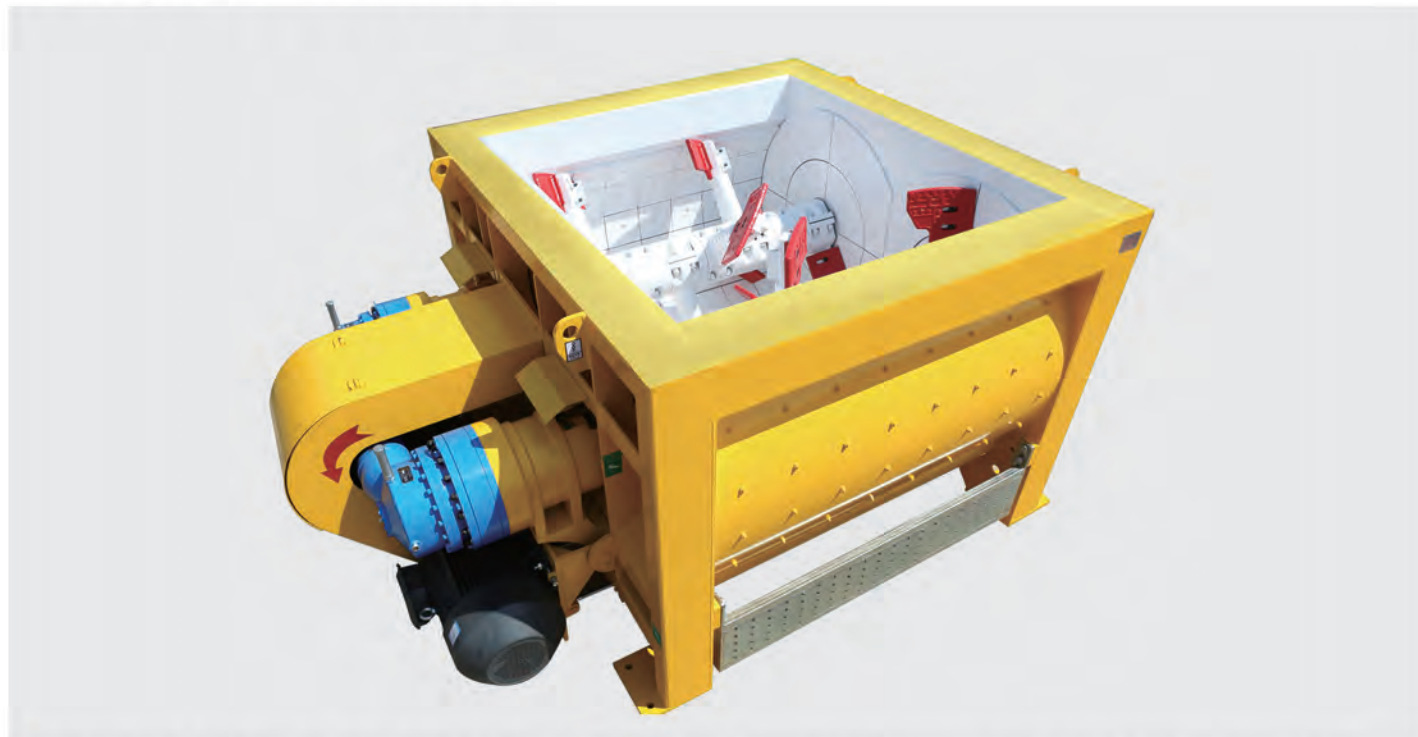
Item	Unit	HZS120	HZS180
Nominal output/h	m ³ /h	120	180
Mixer charging	m ³	2	3
Batching machine		PLD3200QD-IV	PLD4800QD-IV
Aggregate storage bins charging	m ³	15	20
Aggregate storage bins qty.	pc	4	4
Aggregate weighing capacity	kg	4x2000	4x3000
Cement weighing capacity	kg	1200	1600
Flyash weighing capacity	kg	400	600
Water weighing capacity	kg	500	800
Additive weighing capacity	kg	50	80
Mixer power	kW	2x37	2x55
Belt conveyor power	kW	30	45
Total power	kW	150	200
Mixer discharge height	m	3.8	4.1
Total weight	t	60	72
Outline dimension(L x W x H)	m	46.7x23x20	43.5x21x20
Loading		Belt conveyor	
Weighing accuracy	Aggregate	%	±2
	Powder	%	±1
	Water	%	±1
	Additive	%	±1

Standard Series



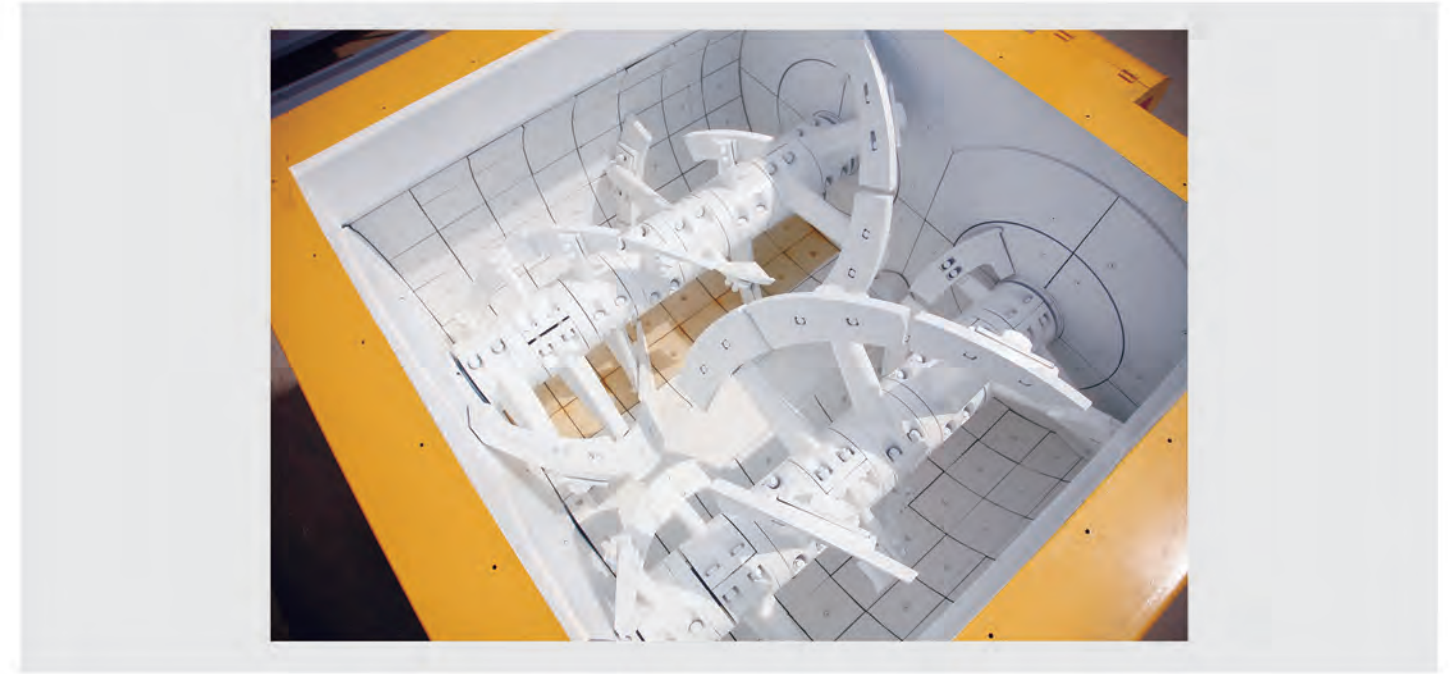
- Durable structure design ensures a long service life.
- Proven design and arrangement of the mixing tools guarantee homogeneous mixing results.
- Multiple mixing shaft seals together with fully automatic central lubrications ensure reliable operations.
- Optimized arrangement of high wear-resistant liners enables much longer service life than others.

Hydro-Dam Series



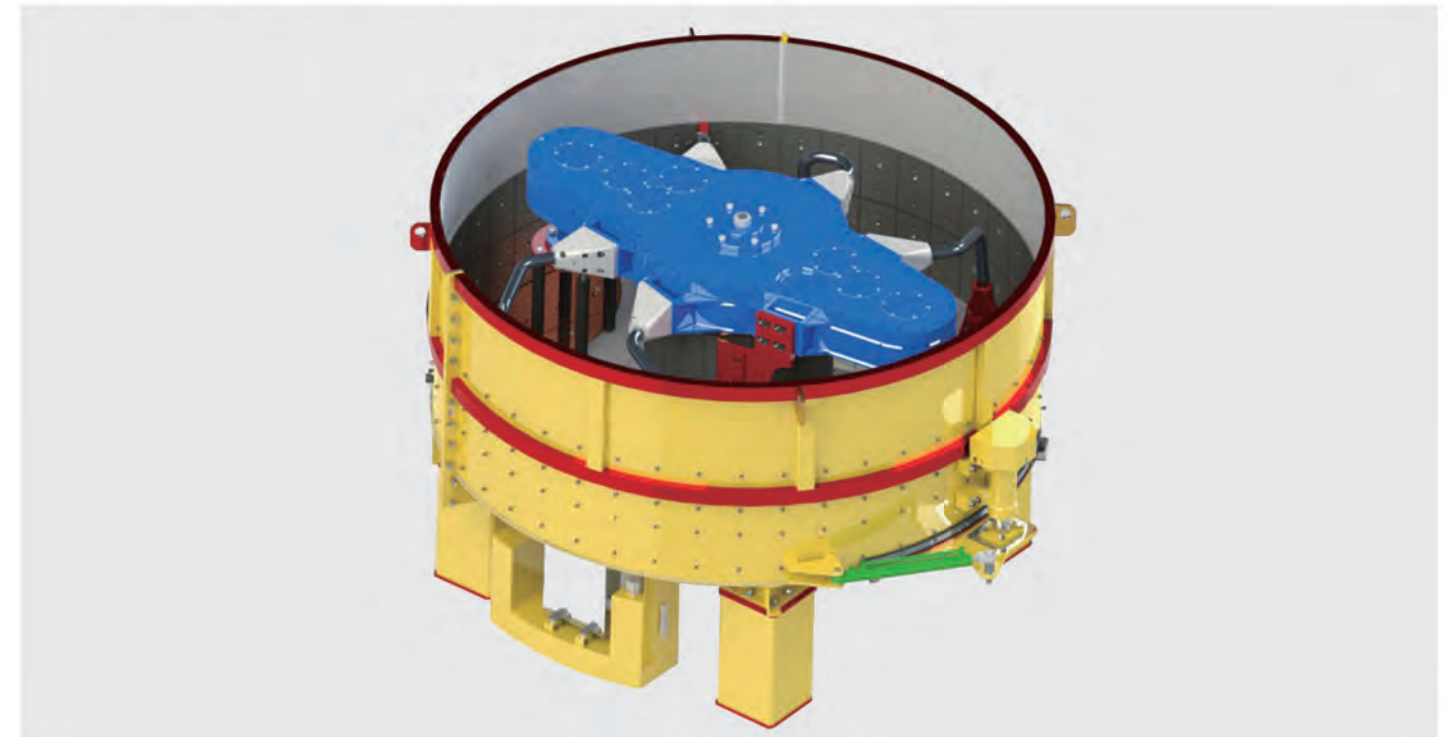
- Optimized designs for the production of large-size aggregate concrete for hydro dam construction.
- Special designed mixing blades guarantee reliable operations.
- Reinforced mixing arm, anti-bending, anti-impact.
- Meet for mixing concrete aggregate with high compressive strength and high corrosion.

Double-Spiral Series

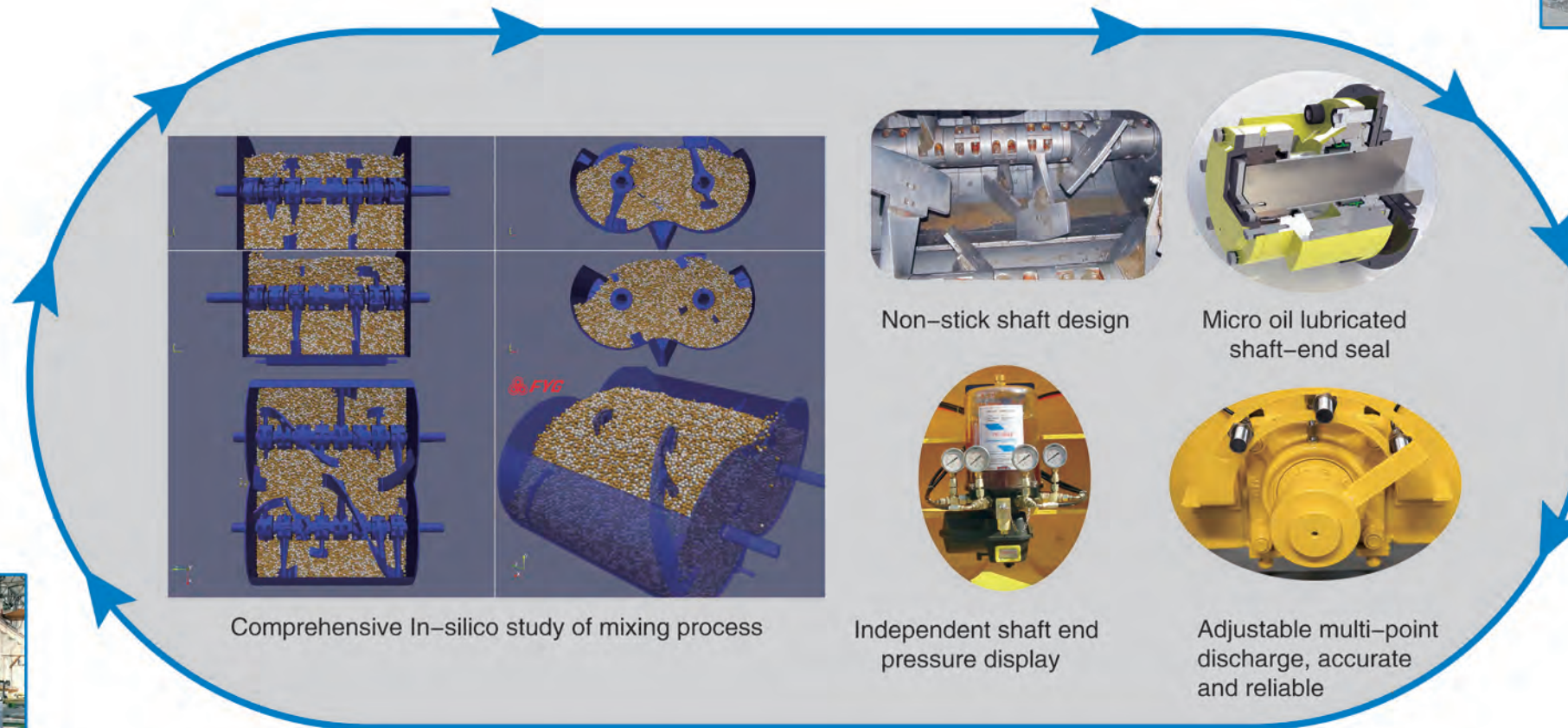
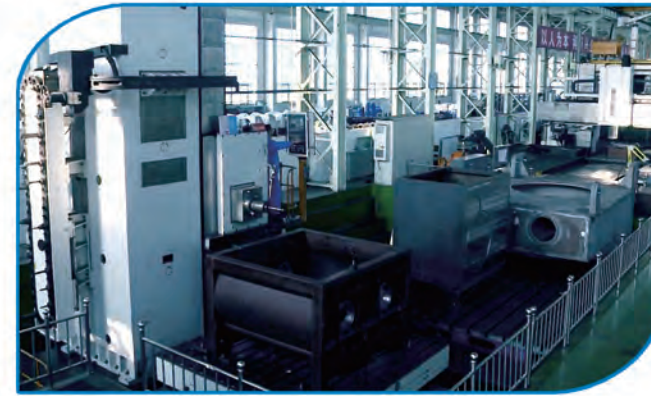


Double-spiral mixing system, with the unique mixing principle, shortened the mixing time, suitable for mixing light-weight concrete and mortar.

Planetary Series



- Effective mixing system with agitators ensures homogeneous mixing in a short time, especially suitable for precast concrete industry.
- Variable mixing speeds enable a wide range of concrete to be manufactured efficiently.
- Flexible arrangement of inlets and discharge gates.
- High reliability and low maintenance effort.



Genuine high-quality wear-resistant parts



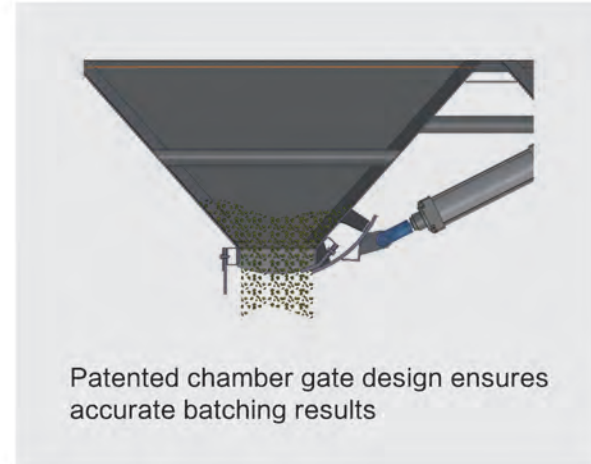
Test running with 10% overloaded dry aggregate

Item	Unit	Mixer parameter					
		JS1000	JS1500	JS2000	JS3000	JS4000	JS5000
Charging	L	1600	2400	3200	4800	6400	9000
Output	L	1000	1500	2000	3000	4000	5000
Nominal output/h	m ³ /h	60	90	120	180	240	300
Mixing arm	Qty.	2 × 8	2 × 9	2 × 8	2 × 9	2 × 8	2 × 10
Motor power	kW	2 × 22	2 × 30	2 × 37	2 × 55	2 × 75	2 × 90
Outline dimension(L × W × H)	mm	2700 × 1970 × 1450	3600 × 2130 × 1475	3510 × 2320 × 1680	3990 × 2600 × 1700	4300 × 2900 × 1900	4700 × 3050 × 2385
Discharge		Hydraulic					

»»» BATCHING SYSTEM



Modular and durable design, easy transport and assembly



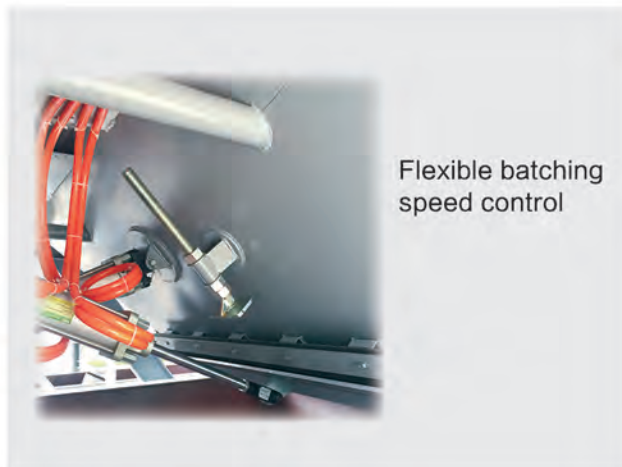
Patented chamber gate design ensures accurate batching results



Efficient conveyor-belt cleaning (patented)



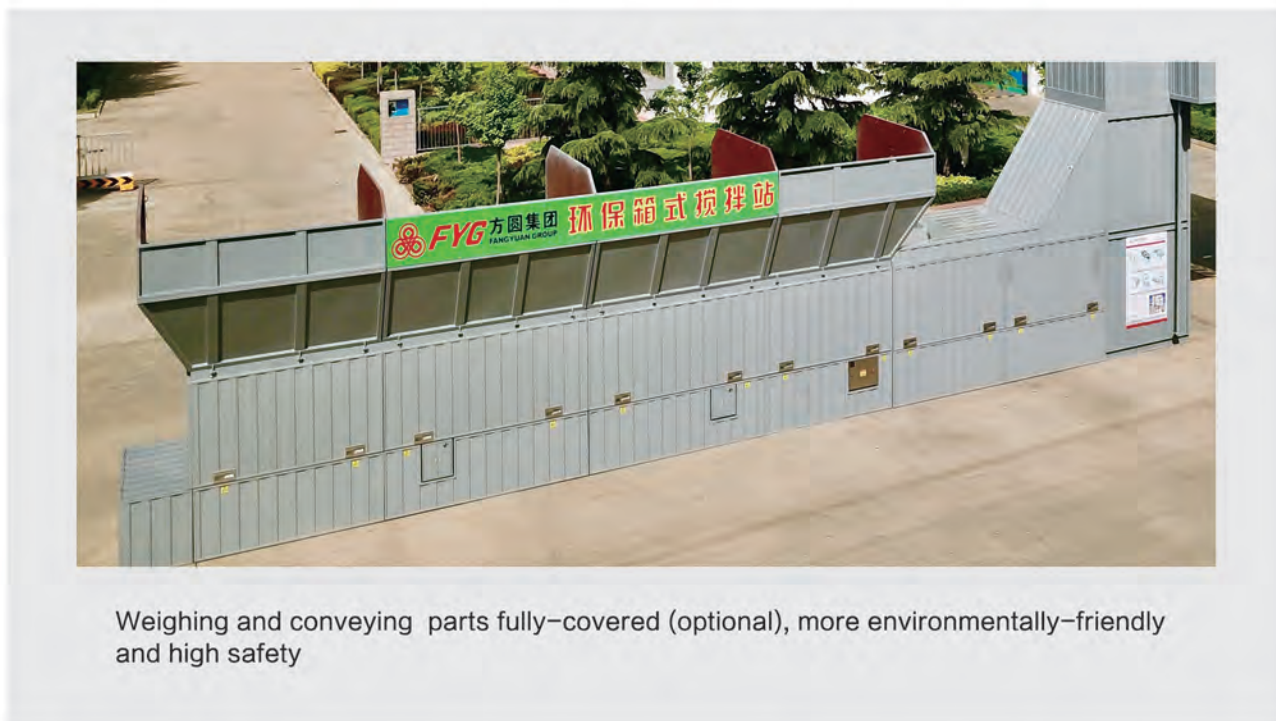
Fully-wired and fully-equipped modules, quick to install and easy maintenance



Flexible batching speed control



Sealed pneumatic control cabinet, low-maintenance



Weighing and conveying parts fully-covered (optional), more environmentally-friendly and high safety

Item	Unit	Parameter				
		PLD2400Q-III	PLD2400Q-IV	PLD2400QD-IV	PLD3200QD-IV	PLD4800QD-IV
Nominal volume	L	2400	2400	2400	3200	4800
Aggregate chamber		3×15m ³	4×15m ³	4×15m ³	4×20m ³	4×20m ³
Weighing capacity	kg	3000	3000	4 × 1500	4 × 2000	4 × 3000
Loading height	mm	3530	3530	3630	3820	4120
Loading width	mm	3400	3400	3400	3400	3400
Total power	kW	8	8	8	11.9	11.9
Dimension (L×W×H)	mm	11600 × 3515 × 3880	14975 × 3515 × 3880	15000 × 3515 × 4020	18100 × 3560 × 4825	19055 × 3560 × 5125

SC SERIES FACTORY-WELDED SILOS



- Designed and constructed in high-quality, proven reliability.
- Fast erection & installation.
- Good price/performance ratio due to standardization.

ZSC SERIES BOLTED SILOS



- Absolute stability, even for very high loadings.
- Perfectly leak-proof due to special bolted joints.
- Large volumes possible, individual designs and sizes available.
- Transport advantage.

KSC SERIES SEGMENTED SILOS



- Transport advantage over welded silos.
- Faster installation than normal bolted silos.
- Absolute stability, even for very high loadings.
- Perfectly leak-proof due to special bolted joints.

Item	Substructure height	Substructure center distance	Total height	Silo diameter	Nominal volume
SC100-5.32m	5m	2.06 × 2.06m	18.5m	2.88m	72m ³
SC150-5.32m		2.24 × 2.24m	22.1m	3.16m	110m ³
ZSC100-3.32m		2.24 × 2.24m	15.3m	3.16m	73m ³
ZSC150-3.32m		2.24 × 2.24m	19.5m	3.16m	108m ³
ZSC200-3.32m	5.8m	3.16 × 3.16m	16m	4.44m	145m ³
ZSC300-3.32m	6m	3.75 × 3.75m	16.8m	5.30m	230m ³
KSC200-3.32m	5.8m	3.16 × 3.16m	16.5m	4.44m	150m ³
KSC300-3.32m	6.46m	3.75 × 3.75m	17.6m	5.30m	235m ³