

**HEAVY DUTY**

# CONSTRUCTION MACHINE EQUIPMENT

*High performance and Powerful!*

This Heavy duty construction machine equipment can blends raw materials into a flawless concrete mix, ensuring every structure stands strong and enduring, help you in construction work, etc.



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**AZJ SERIES**

**STATIONARY TYPE**

# CONCRETE BATCHING PLANT

A stationary concrete batching plant is a fixed installation designed for efficiently producing large quantities of concrete.



**Excellent Performance**



**High Durability**



**High Quality**

## PRODUCT DETAIL

Model ( Bucket Type )	AZJ25	AZJ35	AZJ50	AZJ75
Productivity	25m <sup>3</sup> /h	35m <sup>3</sup> /h	50m <sup>3</sup> /h	75m <sup>3</sup> /h
Concrete Mixer	AJS 500	AJS 750	AJS 1000	AJS 1500
Concrete Mixer	0.5m <sup>3</sup>	0.75m <sup>3</sup>	1m <sup>3</sup> /h	1.5m <sup>3</sup>
Feeding Mode			Lift Hopper	
Aggregate Batching Machine	APLD800	APLD1200	APLD1600	APLD2400
Kinds of Aggregate	2/3/4	2/3/4	3/4	3/4
Max Aggregate Size	80/100mm	80/100mm	80/100mm	80/100mm
Discharging Height	3.8m	4.1m	4.1m	4.1m
Aggregate Weighing Accuracy	±2%	±2%	±2%	±2%
Cement Weighing Accuracy	±1%	±1%	+1%	+1%
Water Weighing Accuracy	±1%	±1%	+1%	+1%
Additive Weighing Accuracy	±1%	±1%	+1%	+1%
Weight	10t	13.5t	18.5t	25t
General Installed Power	«65kw	«75kw	«100kw	«140kw

**AZJ SERIES**

**STATIONARY TYPE**

# CONCRETE BATCHING PLANT

A stationary concrete batching plant is a fixed installation designed for efficiently producing large quantities of concrete.



Excellent Performance



High Durability



High Quality



**PRODUCT DETAIL**

Model ( Bucket Type )	AZJ60	AZJ90	AZJ120	AZJ180	AZJ240
Productivity	60m3/h	90m3/h	120m3/h	180m3/h	240m3/h
Concrete Mixer	AJS1000	AJS1500	AJS2000	AJS3000	AJS4000
Mixer Discharging Capacity	1m3	1.5m3	2m3	3m3	4m3
Feeding Mode	Belt Conveyor				
Aggregate Batching Machine	APLD1600	APLD2400	APLD3200	APLD4800	APLD6400
Kinds of Aggregate	3/4/5	3/4/5	3/4/5	3/4/5	3/4/5
Max Aggregate Size	80/100mm	80/100mm	80/100mm	80/100mm	80/100mm
Discharging Height	4.1m	4.1m	4.3m	4.3m	4.3m
Aggregate Weighing Accuracy	+2%	±2%	±2%	±2%	±2%
Cement Weighing Accuracy	+1%	±1%	±1%	±1%	±1%
Water Weighing Accuracy	+1%	±1%	±1%	±1%	±1%
Additive Weighing Accuracy	+1%	±1%	±1%	±1%	±1%
Weight	28t	40t	65t	88t	98t
General Installed Power	«10kw	«160kw	«220kw	«290kw	«340kw



Excellent Performance



High Durability



High Quality

**AZJM SERIES**

**MOBILE TYPE**

# CONCRETE BATCHING PLANT

is a specialized facility used in construction projects to mix various ingredients like water, cement, aggregates, and additives, producing concrete for use in building structures.



## PRODUCT DETAIL

Model	AZJM25	AZJM35	AZJM50/60	AZJM75/90
Productivity	25m <sup>3</sup> /h	35m <sup>3</sup> /h	50-60m <sup>3</sup> /h	75-90m <sup>3</sup> /h
Concrete Mixer	AJS 500	AJS 750	AJS 1000	AJS 1500
Mixer Discharging Capacity	0.5m <sup>3</sup>	0.75m <sup>3</sup>	1m <sup>3</sup>	1.5m <sup>3</sup>
Feeding Mode			Lift Hopper	
Aggregate Batching Machine	APLD800	APLD1200	APLD1600	APLD2400
Kinds of Aggregate	2/3/4	2/3/4	3/4	3/4
Max Aggregate Size	80/100mm	80/100mm	80/100mm	80/100mm
Discharging Height	3.8m	4.1m	4.1m	4.1m
Aggregate Weighing Accuracy	±2%	±2%	±2%	±2%
Cement Weighing Accuracy	±1%	±1%	±1%	±1%
Water Weighing Accuracy	±1%	±1%	±1%	±1%
Additive Weighing Accuracy	±1%	±1%	±1%	±1%
General Installed Power	«65kw	«75kw	«100kw	«140kw
Control System	Full Automatic Computer PLC Control			

## AZJY SERIES

# CONCRETE BATCHING PLANT

AZJY series mobile concrete mixing plant is a type of movable equipment, which is very suitable for short term or medium term projects to produce plastic concrete, dry hard concrete, etc. Hauling type mobile concrete mixing plant adopts the semi-trailer design, With travelling system and standard traction pin, it can be dragged by a tractor, which enables convenient and quick equipment transfer and



Excellent  
Performance



High  
Durability



High  
Quality

### PRODUCT DETAIL

Model	AZJY25	AZJY35	AZJY50	AZJY60	AZJY75	AZJY90	AZJY120
Mixer Capacity	0.5 m3	0.75 m3	1m3	1m3	1.5m3	1.5m3	2m3
Output	25 m3/h	35 m3/h	50 m3/h	60 m3/h	75 m3/h	90 m3/h	120 m3/h
Aggregate Bins Capacity	2x6 m3	2x8 m3	2x8 m3	2x10 m3	2x10 m3	2x12 m3	2x12 m3
Discharging Height	3.8m	3.8m	3.8m	3.8m	3.8m	3.8m	3.8m
Control	APLD800						
Aggregate Weighing Accuracy	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Cement Weighing Accuracy	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Water Weighing Accuracy	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Additive Weighing Accuracy	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Max. Aggregate Size	80/100mm	80/100mm	80/100mm	80/100mm	80/100mm	80/100mm	80/100mm
Max Hauling Speed	8km/h	8km/h	8km/h	8km/h	8km/h	8km/h	8km/h
Power	«60.8kw	«72.3 kw	«92 kw	«92 kw	«102 kw	«120 kw	«160 kw
Total Weight	14.66t	22t	26t	26t	29t	33t	38t

# CONTAINER TYPE CONCENTRATE

## AHZS SERIES

Pulse bag dust catcher  
(Active dust collection )

Positive-negative  
pressure silo top  
relief valve

High  
material  
level  
monitor

Optional : Piece type  
combination silo (Suitable  
for container transportation)

Low material level monitor

Arch prevention device

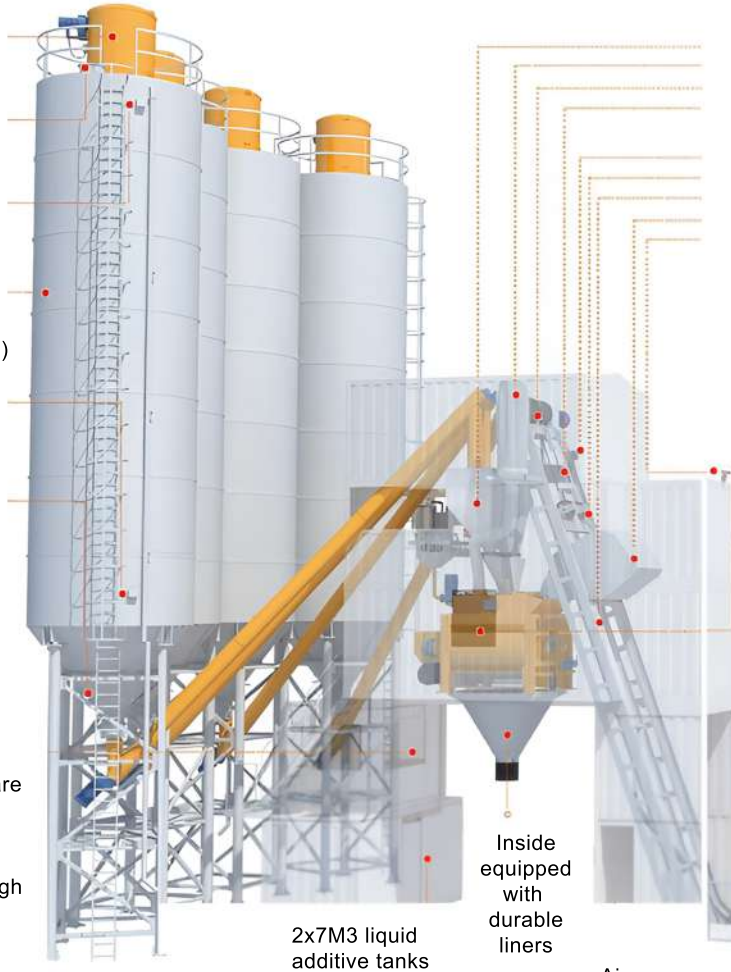
Distributed bus control

Integrating mixing plant  
control and information  
technology,powerful  
functions and  
simple operation

Force and weak electricity  
systems of each modular are  
completed wiring in  
factory,telecommunication  
between control room and  
each modular is only through  
one quick plug bus.

World renowned brands of  
elements, secure and reliable

Can work in ordinary business computer  
after installing control software,more compatible and adaptable.



High precision liquid and powder scale  
Mixer breathing bag,dust free inside plant  
Drum type roller liting, smooth start-stop,rapid rise and fall.  
Original wire rope imported from Germany,reliable and durable.

Multiple limit devices to prevent loose wire rope or hitting top  
Patented hopper fall prevention device  
Strengthened feeding track  
Tipping-hopper discharge technology,no residues left  
Multi-point video monitoring system  
MERO patented technology, excellent performance  
High chromium cast iron liners and blades, longer service life  
Non-sticky of shafts and cover design  
Patented multiple shaft ends sealing technology,durable and reliable  
Patented mixing trough welding craftsmanship,  
to form it at one time, world leading technology

Self-adjusting high-performance belt sweeper

Safety fence

Carrying idler automatic adjustment device

Optional: Sieve, Auxiliary feeding system,  
Pebble washing device, Heating pipeline,  
Sand humidity monitoring system

Air compressor  
room, prevention it from dust



Oversized  
hopper  
width,  
convenient  
for loading  
aggregate

Centralized  
pneumatic  
control  
system, easy  
maintenance

### ● Lower investment and maintenance cost

- Small occupation area
- Low investment for foundation construction
- Container type design, more completed in factory, less on-site workload, faster to install and uninstall, lower relocation cost.
- Aggregate feeding system is of less energy consumption, higher efficiency and lower maintenance cost.

### ● Optional: Foundation free design scheme

- Aiming at requirements of trenchless construction, we can provide foundation free design scheme, its installation can be started only after simply hardening the ground.

### ● Performance Characteristics

#### ● Standard steel, rational design

Steel structure adopts standard steel, piecing together structure makes it easy to install and uninstall, also convenient for transportation. Layout of the whole mixing plant is flexible, can achieve an optimal covering area.

#### ● High-quality and reliable mixer

Double horizontal shafts forced design, excellent mixing capability, mixing evenly and rapidly, high productivity

#### ● Precise metering system

Metering of all materials ( aggregate, cement, flyash, water and liquid additive) is electronic and independent..

#### ● Perfect Control

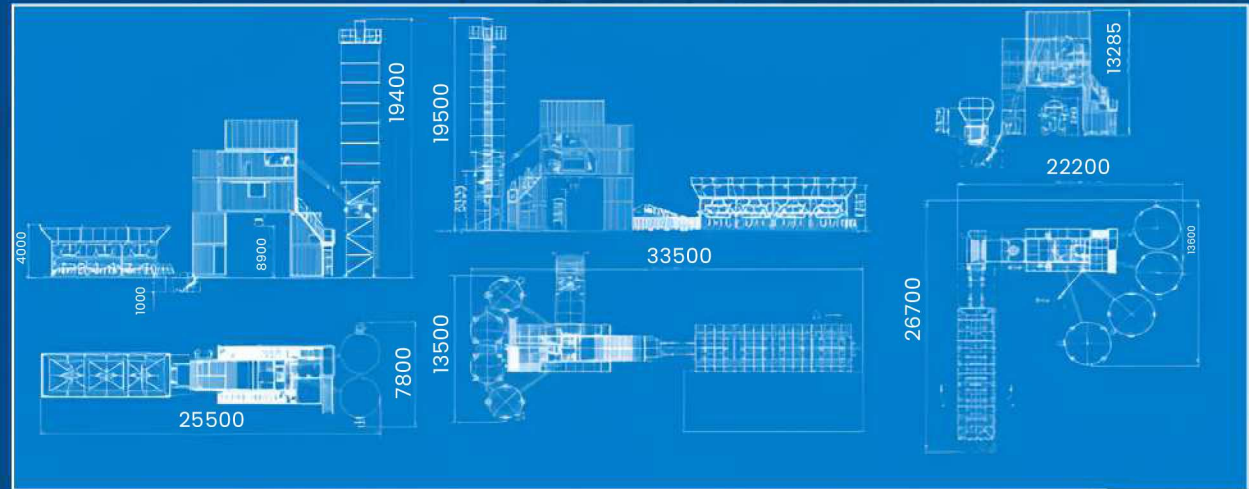
Simple operation, complete control system.

#### ● Solid and wear resistant design

Wear resistant design in concrete product hopper, aggregate collection hopper, belt conveyer head cover, and main parts are equipped with replaceable liners.

#### ● Superior environmental protection performance

The entire mixing plant adopts enclosed structure, mixer and belt conveyer head cover are equipped with dust collecting system. All belt conveyers are equipped with polyurethane sweeper, big belt conveyer is also equipped with summer water spray cleaning device, to solve material sticking problem.



Item	Unit	AHHS90D	AHHS120D	AHHS180D
Theoretical Productivity	m <sup>3</sup> /h	90	120	180
Volume of Mixer	m <sup>3</sup>	1.5	2	3
Batcher		APLD2400QD-III	APLD3200QD-IV	APLD4800QD-IV
Max.Value of Aggregate Scale	kg	4000	4x2000	4x3000
Max.Value of Cement Scale	kg	1000	1200	1600
Max.Value of Flyash Scale	kg	/	400	600
Max.Value of Water Scale	kg	400	500	800
Max.Value of Liquid Additive Scale	kg	40	50	80
Power of Mixer	kw	2x30	2x37	2x55
Lifting Power	kw	18.5	30	45
Total Power	kw	110	150	200
Discharge Height	m	3.8	3.8	3.8
Total Weight	t	33	60	72
Overall Dimension (L x W x H)	m	25.5x7.8x19.4	32.5x13x19.4	45x20.5x21.2
Batcher (Volume of each hopper)	m <sup>3</sup>	12	20	20
Batcher (Qt.of hopper)		3	4	4
Feeding Method		Lifting(tilting)	Lifting(tilting)	Lifting(tilting)
Aggregate			±2%	
Powder Material			±1%	
Metering Precision Water			±1%	
Additive			±1%	



## AZJYG SERIES

# DRUM TYPE

is a specialized facility used in construction projects to efficiently mix various ingredients such as aggregates, cement, water, and additives.



Excellent Performance



High Durability



High Quality

### PRODUCT DETAIL

MODEL	AZJYG25	AZJYG60
Theo. Capacity	25	60
Concrete Mixer	AJZM750	AJZM1500
Aggregate Batching Machine	4m3x 2/3bins	5m3x 2/3bins
Feeding Height	2940mm	3200mm
Cement Weighing Accuracy	±1%	±1%
Water Weighing Accuracy	±1%	±1%
Additive Weighing Accuracy	±1%	±1%
Chassis Size ( L x W ) (mm)	5740x1500mm	8410x2000x780mm
	1000x1500mm	11100x2000x780mm

# HEAVY DUTY

# SEMI TRAILER CONCRETE MIXER TRUCK

is a specialized facility used in construction projects to efficiently mix various ingredients such as aggregates, cement, water, and additives.



Excellent Performance



High Durability



High Efficiency



High Quality

## PRODUCT DETAIL

Overall Dimensions ( L x W x H )	10400x2500x3980 mm	Number of Springs	10/10/10
Overall Weight	40000 kg	Tire Specifications	12r225 (Factory Equipped)
Curb Weight	10600 kg	Wheelbase	4800+1310+1310 mm
Anti-lock Brake System	Yes	Number of Axes:	3
Self-Adjusting Arm	Yes	Axle	13T
Effective Volume	14 m <sup>3</sup>	Geometric Volume	25.13 m <sup>3</sup>
Reducer	PMP 7Y	Hydraulic Motor / Oil Pump	American Sao M100/P100
Heat Sink	26 Liters	Water Tank	400l Pressure Water Tank
Mixing Tank	Simplified: 6# Thick Q345 Wear Plate, 6# Thick Double Head, Blade 4# Thick T520JJ	Truck Frame (Girder)	Lightweight High-Strength Board, Web 6#, Upper Wing 6#, Lower Wing 10#

## HEAVY DUTY

# CONCRETE MIXER TRUCK

A concrete mixer truck is a heavy-duty vehicle designed to transport and mix concrete while in transit to construction sites. Equipped with a rotating drum, these trucks ensure the concrete ingredients, including aggregates, cement, water, and additives, are thoroughly combined during transportation.



### PRODUCT DETAIL

<b>Volume</b>	3m <sup>3</sup> , 4m <sup>3</sup> , 5m <sup>3</sup> , 6m <sup>3</sup> , 7m <sup>3</sup> , 8m <sup>3</sup> , 9m <sup>3</sup> , 10m <sup>3</sup> , 12m <sup>3</sup> , 14m <sup>3</sup> .
<b>Chassis</b>	ISUZU, Hino, Nissan



**Excellent Performance**



**High Durability**



**High Efficiency**



**High Quality**

## HEAVY DUTY

# ASPHALT MIXING PLANT



Excellent  
Performance



High  
Durability



High  
Quality

Asphalt mixing plant is a specialized facility used in road construction and pavement projects to produce asphalt mixtures. This plant combines aggregates, sand, and a binder (usually asphalt/bitumen) in precise proportions to create asphalt that is used for surfacing roads, highways, and other paved surfaces.



### AZLQ SERIES

# ASPHALT MIXING PLANT

PRODUCT DETAIL

MODEL	AZLQ40	AZLQ60	AZLQ80	AZLQ100	AZLQ120	AZLQ160	AZLQ200	AZLQ240	AZLQ320
Output (t/h)	40	60	80	100	120	160	200	240	320
Cold Aggregate Feeding System									
Hopper Capacity (m)	4*4.5	4*6.5	4*7.5	4*7.5	4*7.5	5*12	5*12	5*12	6*15
Collect Belt Capacity (t/h)	60	80	100	120	140	200	220	280	360
Aggregate Dryer									
Dryer Size (m)	01.2*5.2	1.5*6	1.5*6.7	1.65*7	01.8*8	2.2*9	2.6*9	2.6*9.5	02.8*10.2
Dryer Capacity (t/h)	60	80	100	120	140	180	240	260	360
Fuel Consumption (kg/h)	70-300	100-400	120-600	150-1000	150-1000	150-1400	180-1800	180-1800	260-2500
Mixing Tower									
Vibrating Screen (Layer)	4	4	4	4	4	5	5	5	6
Aggregate Metering Hopper(kg)	500	800	1000	1300	1500	2000	2500	3000	4000
Mineral Flour Metering hopper(kg)	120	150	200	200	300	300	320	600	700
Bitumen Metering Hopper(kg)	100	120	150	150	250	250	250	480	500
Mixer Capacity (kg)	500	800	1000	1250	1500	2000	2500	3000	4000
Cycle Time (s)	45	45	45	45	45	45	45	45	45
Dust Filter (Bag Dust Filter)									
Filter Area (m2)	230	300	420	480	550	650	700	1050	1350
Draught Fan (kw)	22	30	45	55	90	110	2*75	2*90	2*110
Ahalt Temperature (°C)	140-180	140-180	140-180	140-180	140-180	140-180	140-180	140-180	140-180
Finish Asphalt Storage Silo (ton)			20/50	20/50	20/50	60	60	120	120/200
Total Power (kw)	170	200	300	350	380	490	550	670	865

AZLYQ SERIES

MOBILE

# AZLYQ SERIES ASPHALT MIXING PLANT



Excellent Performance



High Durability



High Quality



An asphalt mixing plant is a specialized facility used in road construction and pavement projects to produce asphalt mixtures. This plant combines aggregates, sand, and a binder (usually asphalt/bitumen) in precise proportions to create asphalt that is used for surfacing roads, highways, and other paved surfaces. The process involves heating and mixing the components to ensure a uniform and durable mixture. Asphalt mixing plants come in various types, including batch plants and continuous plants, offering flexibility and efficiency in producing asphalt mixes tailored to specific project requirements.

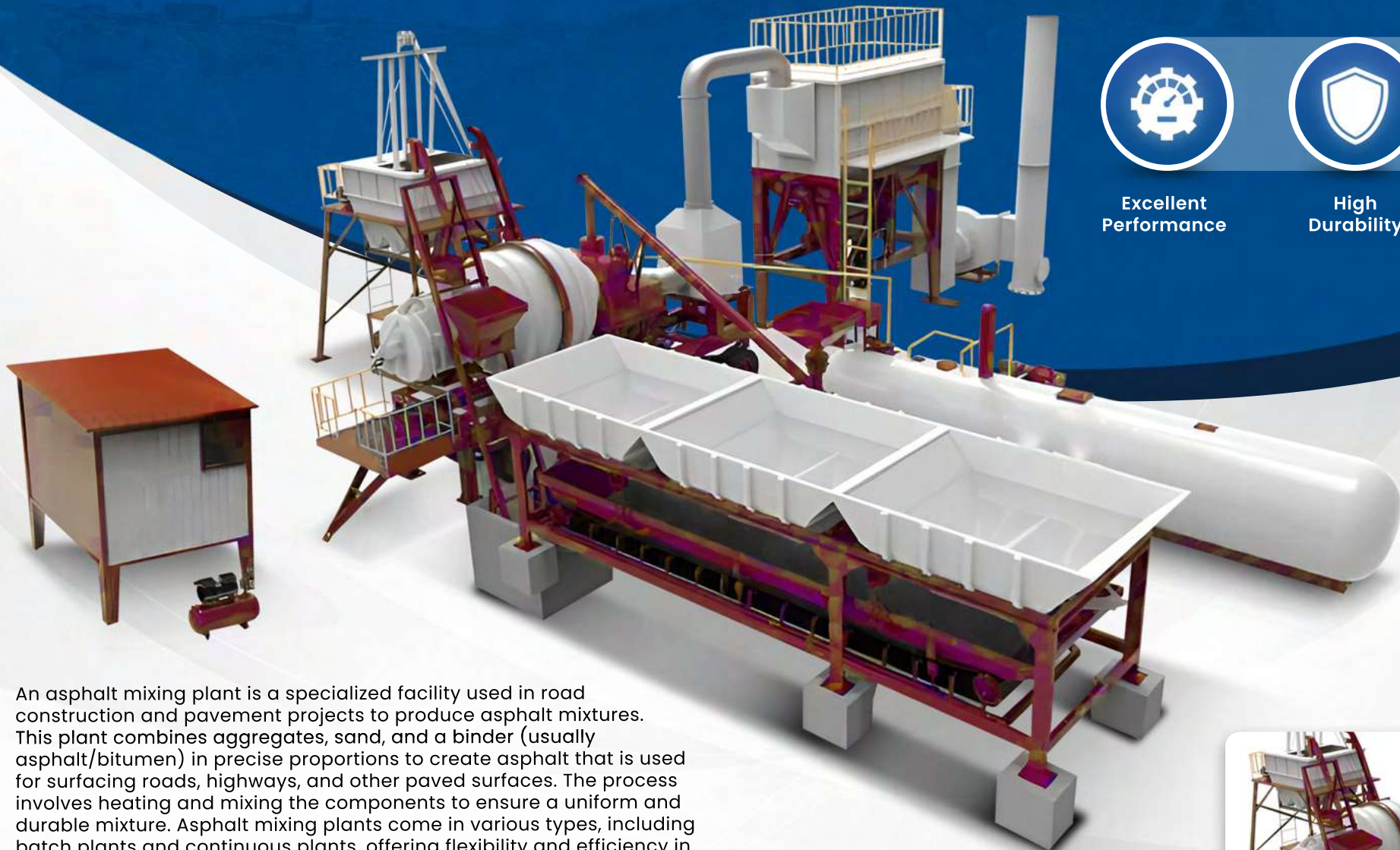
# AZLYQ SERIES ASPHALT MIXING PLANT

	AZLYQ60	AZLYQ80	AZLYQ100	AZLYQ120	AZLYQ160
Output (t/h)	60	80	100	120	160
Cold Aggregate Feeding System					
Hopper Capacity (m)	4*6.5	4*7.5	4*7.5	4*7.5	5*8
Collect Belt Capacity (t/h)	80	100	120	140	180
Aggregate Dryer					
Dryer Size (m)	01.5*6	01.5*6.7	65*7	8*8	9*9
Dryer Capacity (t/h)	80	100	120	140	180
Fuel Consumption (kg/h)	100-400	120-600	150-1000	150-1000	150-1400
Mixing Tower					
Vibrating Screen (Layer)	4	4	4	4	4
Aggregate Metering Hopper(kg)	800	1000	1300	1500	2000
Mineral Flour Metering Hopper (kg)	150	200	200	300	300
Bitumen Metering	120	150	150	250	250
Mixer Capacity (kg)	800	1000	1250	1500	2000
Cycle Time (s)	45	45	45	45	45
Dust Filter (Bag Dust Filter)					
Filter Area (mD)	300	420	480	550	650
Draught Fan (kw)	30	45	55	90	110
Asphalt Temperature (°C)	140-180	140-180	140-180	140-180	140-180
Total Power (kw)	200	300	350	380	490

AZLYJ SERIES

MOBILE

# AZLYJ SERIES ASPHALT MIXING PLANT



Excellent Performance



High Durability



High Quality

An asphalt mixing plant is a specialized facility used in road construction and pavement projects to produce asphalt mixtures. This plant combines aggregates, sand, and a binder (usually asphalt/bitumen) in precise proportions to create asphalt that is used for surfacing roads, highways, and other paved surfaces. The process involves heating and mixing the components to ensure a uniform and durable mixture. Asphalt mixing plants come in various types, including batch plants and continuous plants, offering flexibility and efficiency in producing asphalt mixes tailored to specific project requirements.





# AZLYJ SERIES ASPHALT MIXING PLANT

		AZLYJ10	AZLYJ15	AZLYJ20	AZLYJ30	AZLYJ40	AZLYJ60	AZLYJ80
Output (t/h)		10	15	20	30	40	60	80
Fuel Oil (kw) Power Burning Coal (kw)		48	59	68	106	132	146	186
		67	78	91	129	170	192	262
Cold Aggregate Feeding System			3m3*3	3m3*3	5m3*3	5m3*3	5m3*3	5m <sup>3</sup> *4
Finished Asphalt Storage Bin (t)		2	5	5	9	9	9	20
Asphalt Temperature (°C)					120-180			
Fuel	Fuel Oil (kg/t)				5-7.5			
Consumption	Burning Coal (kg/t)				13-15			

**AZLT SERIES**

**MOBILE**

# AZLT SERIES ASPHALT MIXING PLANT

This plant combines aggregates, sand, and a binder (usually asphalt/bitumen) in precise proportions to create asphalt that is used for surfacing roads, highways, and other paved surfaces.



**Excellent Performance**



**High Durability**



**High Quality**

**PRODUCT DETAIL**

MODEL		AZLT20	AZLT40	AZLT60	AZLT80	AZLT100
Output (t/h)		20	45	60	80	100
Power	Fuel Oil (kw)	34	65	105	135	170
	Burning Coal (kw)	40	75	120	165	200
Cold Aggregate Feeding System		3.5m <sup>3</sup> *1	4m <sup>3</sup> *4	4m <sup>3</sup> *4	6.5m <sup>3</sup> *4	6.5m <sup>3</sup> *4
Finished Asphalt Storage Bin (t)		3	3	7	7	9
Asphalt Temperature (°C)						120-180
Fuel consumption	Fuel Oil (kg/t)			5-7.5		
	Burning Coal (kg/t)			13-15		
Asphalt Tank (t)		10	20	30	30	35
Control Room (m)		2.2	2.2	3	3	3.5

**AABM SERIES**

# BLOCK MAKING MACHINE



**RAW MATERIAL**



**Excellent Performance**



**High Durability**



**High Quality**

Material such as sand, crushed stone, cement, dust and fly coal ash, cinder, gravel, perlite, wet ash in power plants, dry ash, hybrid ash, boiler slag, spontaneous combustion coal gangue, mountain flour, haydite, mine tailings, scoria, steel slag, carbide slag, water-granulated slag, wind-granulated slag, dry slag, smelting slag, sulfuric acid residue, phosphate fertilizer slag, caustic sludge, laterite in aluminium manufacturers, electrolytic copper slag, stonework waste, potsherd, waste brick powder, construction waste, etc (among which one or two kinds are enough).

390x190x190 36	390x190x190 37	390x150x190 38	190x190x190 39	190x190x190 40
520x150x200 41	390x190x190 42	390x190x190 43	240x180x90 44	240x115x90 47
250x250x60 46	400x200x60 47	250x250x60 48	220x110x50 49	200x160x50 50

# BLOCK MAKING MACHINE

AABM-3S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*190*190 mm	3	15-20s	4320-5760
Multi-hole brick	240*115*90 mm	12	15-20s	17280-23040
Standard brick	240*115*53 mm	20	15-20s	20800-38400
Color brick	200*100*60 mm	12	25s	13824
AABM-4SE	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow block	390*1 90*1 90mm	4	15-20s	5760-7680
Multi-hole brick	240*115*90mm	12	15-20s	17280-23040
Standard block	240*115*53mm	24	15-20s	34560-46080
Color brick	200*100*60 mm	14	25s	16128
AABM-4S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*190*190 mm	4	15s	7680
Multi-hole brick	240*115*90 mm	16	15s	30720
Standard brick	240*115*53 mm	30	15s	57600
Color brick	200*100*60 mm	24	20s	34560
AABM-5S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*1 90*1 90mm	5	15s	9600
Multi-hole brick	240*115*90mm	14	15s	26880
Standard block	240*115*53mm	30	15s	48960
Color brick	200*100*60 mm	20	15s	28800
AABM-6S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*1 90*1 90mm	6	15s	11520
Multi-hole brick	240*115*90mm	15	15s	28800
Standard block	240*115*53mm	32	15s	61440
Color brick	200*100*60 mm	24	20s	34560
AABM-8S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*190*190 mm	8	12-15 s	15360-19200
Multi-hole brick	240*115*90 mm	20	12-15 s	34560-43200
Standard brick	240*115*53 mm	42	12-15 s	80640-100800
Color brick	200*100*60 mm	28	20s	40320
AABM-10S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*190*190 mm	8	15s	15360
Multi-hole brick	240*115*90 mm	21	15s	40320
Standard block	240*115*53 mm	42	15s	80640
Color brick	200*100*60 mm	28	20s	40320
AABM-1 2S	Specification	Block number/pallet	Forming cycle	Block output/8 hrs
Hollow brick	390*190*190 mm	12	15s	23040
Multi-hole brick	240*115*90 mm	30	15s	57600
Standard brick	240*115*53 mm	60	15s	115200
Color brick	200*100*60 mm	40	20s	57600

## AAF SERIES

# DRY MORTAR PLANT

A dry mortar plant is a specialized facility designed for the efficient production of dry mix materials used in construction, such as mortars, plasters, and adhesives.



Excellent  
Performance



High  
Durability



High  
Quality



### PRODUCT DETAIL

MODEL	AAF05	AAF10	AAF15	AAF20	AAF30	AAF40	AAF50	AAF60	AAF80	AAF100
Production Capacity (T/H)	5	10	15	20	30	40	50	60	80	100
Control System	Semi-auto/Full auto									

**AZC SERIES**

# SELF-LOADING CONCRETE MIXER



**Excellent  
Performance**



**High  
Durability**



**High  
Quality**

A self-loading concrete mixer is a versatile construction vehicle designed to combine the functionalities of a mobile concrete batching plant and a transit mixer. This innovative machine is equipped with a specialized bucket system that enables it to load, mix, and transport concrete materials on-site without the need for additional equipment.



# SELF-LOADING CONCRETE MIXER

## PRODUCT DETAIL

ITEM	UNIT	AZC 1.8	AZC 2.6	AZC 3.5	AZC 4.0	AZC 5.5
<b>Vehicle Parameter</b>						
Outline Dimension (L X W X H)	Mm	7300x2600x2650	7800x2680x4100	7830x2680x4170	7640x2870x4750	8450x3100x4580
Wheelbase	Mm	2650	2800	2900	2480	3350
Curb Weight	Kg	5666	7000	7500	9000	11200
Maximum Speed	Km/H	30	30	30	35	42
Tyres		23.5/70-16	1670-20	1670-20	1670-20	12R-22.5
Auto Weighing System		Yes	Yes	Yes	Yes	Yes
<b>Engine</b>						
Model		ALTOVIC AYN4100 Supercharge / ALTOVIC AYH4102 Supercharge	ALTOVIC AYH4102 Supercharge	ALTOVIC AYH4105 Supercharge	ALTOVIC AYH4108 Supercharge	ALTOVIC AFH6110 Turbo-Charged
Rated Power	Kw	65kw /78kw	75kw	85kw	85kw	92-132kw
<b>Gear-Box</b>						
Gear		4 Forward 4 Back	4 Forward 4 Back	4 Forward 4 Back	4 Forward 4 Back	4 Forward 4 Back
<b>Maintenance And</b>						
Fuel Tank	L	63	75	75	230	180
Oil Tank	L	16	16	16	16	16
<b>Water Supply Parameter</b>						
Water Tank	L	400	500	620	780	860
Water Supply Mode		Time Relay	Time Relay	Time Relay	Time Relay	Time Relay
<b>Mixing And Discharging</b>						
Drum Capacity	L	2680	3580	4740	6000	7800
Drum Mixing Speed	R/Min	13	13	13	18-21	20
Concrete Output	M3	1.8	2.6	3.5	4	5.5
Rotation		270	270	270	290	270

## AZBT SERIES

# CONCRETE PUMP

A concrete pump is a powerful construction equipment designed to efficiently transfer liquid concrete from a mixing site to the precise location of construction. It employs a hydraulic system to pump concrete through pipes or hoses, enabling accurate placement even in challenging or elevated locations.



Excellent  
Performance



High  
Durability



High  
Quality



### THE MAIN FEATURES ARE AS FOLLOWS:

- 1.) Reliable performance: adopt Italy hydraulic drive, which reduce reversing impact. S Valve system is easy for maintaining.
- 2.) Complete machine can be taken apart into two, easy to transport and install in mining construction location.
- 3.) Core parts are Korean Kawasaki original, equipment lifetime and quality is reliable
- 4.) Intelligent power control system to regulate the engine speed automatically, for smooth and efficient operation
- 5.) Plunger pump with constant power, to ensure the efficiency of main engine High-quality wear resistant alloy components for long service-life, Air cooling system, without dependence of external water
- 6.) PLC system to ensure best control performance, Equipped with wired remote controller, easy to operate.

### PRODUCT DESCRIPTION

AZBT series concrete pump is applicable on fine stone concrete conveying, floor heating construction, tunnel and underground construction, mortar conveying, used as spray pump when installed with incidental spraying equipment, for concrete, mortar, refractory material and green soil spraying, applied for high-rise conveying, railway, tunnel, bridge construction and special applications, hydraulic power, mining and national defense.



# CONCRETE PUMP

## PRODUCT DETAIL

ITEMS	ITEMS	UNIT	AZBT40C-10-82R	AZBT60C-13-129R	AZBT80C-16-176R
	Max. Theo. Concrete Output (H. /L.)	m <sup>3</sup> /h	26/40	45/67	45/84
	Max. Concrete Pumping Pressure (H. /L.)	Mpa	10/8	13/7	16/7
Whole performance of Machine	Distribution Valve Type		S	S	S
	Concrete Cylinder Diameter x Stroke	mm	S80/1300	0200/1650	0200/1800
	Hopper Capacity Feeding Height	L x mm	400x1250	800x1400	800x1400
	Outlet Diameter	mm	0150	CP180	0180
	Diesel Engine Brand		Altovic	Altovic	Altovic
Power system	Electrical Engineering Power	KW	82	129	176
	Rotate Speed	r/min	2200	2200	2200
	Circuit Type		Open Circuit	Open Circuit	Open Circuit
	Pumping System Pressure	Mpa	32	32	32
Hydraulic system	Mixing System Pressure	Mpa	10	10	10
	Max Mixing Speed	r/min	25	25	25
	Capacity Of Oil Tank	L	370	560	560
	The Biggest Transportation Is Away From Vertically (/Level)	m	120/500	180/1000	260/1200
	Max. Aggregate Diameter	mm	Screen: 40	Screen: 40	Screen: 40
Other parameters	Inside Diameter Of Delivering Pipe	mm	0125	0125	0125
	Dimensions: Length x Width x Height	mm	4500x1850x1700	5800x2000x1750	6300x2100x2350
	Total Weight	kg	4500	6500	6900

# CONCRETE PUMP

## PRODUCT DETAIL

ITEMS	ITEMS	UNIT	AZBT40D-10-45	AZABT60D-13-90	AZBT80D-16-110
	Max. theo. concrete output (H. /L.)	m3/h	26/40	36/60	46/84
	Max.concrete pumping pressure (H. /L.)	Mpa	10/8	13/7	16/9
Whole performance of Machine	Distribution valve type		S	S	S
	Concrete cylinder diameterxstroke	mm	180/1200	0200/1650	0200/1800
	Hopper capacityxfeeding height	Lxmm	400x1100	800x1400	800x1400
	Outlet diameter	mm	0150	0180	0180
	Electrical engineering power	KW	45	90	110
	Rotate speed	r/min	1480	1480	1480
	Circuit type		Open circuit	Open circuit	Open circuit
	Pumping system pressure	Mpa	28	32	32
Hydraulic system	Mixing system pressure	Mpa	10	10	10
	Max mixing speed	r/min	25	25	25
	Capacity of oil tank	L	370	560	560
	The biggest transportation is away from vertically (/Level)	m	120/600	160/800	200/1000
	Max. aggregate diameter	mm	Scree: 40	Scree: 40	Scree: 40
Other Parameters	Inside diameter of delivering pipe	mm	0125	0125	0125
	Dimensions: length x width x height	mm	4500x1750x1600	5800x2000x1750	6300x2100x2250
	Total weight	kg	3200	6000	6300

**AZBJ SERIES**

# CONCRETE MIXER PUMP



**Excellent  
Performance**



**High  
Durability**



**High  
Quality**



The AZBJ series concrete mixer pump combine the traditional concrete pump and the mixer together, has the following advantages. The outlet hole is specially designed as the coarse type, which is wear-resisting and can prolong its service life, the arch broken structure is equipped on the machine which can avoid the concrete plug, insuring the smooth working of the concrete mixer, the hydraulic hose are products of Italy Manuli brand, insuring the safety and no leakage of hydraulic system.

The main electric elements are from Schneider, the reliability of the electric control system is highly improved.

The S valve of the concrete mixer with pump is cast into shape with austenitic manganese steel which has long service life.

The diesel concrete mixer pump made a change on power compared with electric type, Mixing and pumping into one, simple to operate, easy to move, flexible, and stable performance. The pump construction operation system used in all automated, all material mixing, high pressure pumping as one; Double cylinder hydraulic pumping system, hydraulic system greatly enhance the the stirring Concrete pump overall reliability ensure pump strive foolproof work under harsh conditions, and especial suitable for areas where there is short of power.

# CONCRETE MIXER PUMP

ITEMS	ITEMS	UNIT	AZBJ30D-10-37	AZBJ40D-10-45
	Max. Theo. Concrete Output	m <sup>3</sup> /h	30	40
	Max. Concrete Pumping Pressure (H. /L.)	Mpa	10	10
Whole performance of Machine	Distribution Valve Type		S	S
	Concrete Cylinder Diameter x Stroke	mm	0140/845	0180/1000
	Hopper Capacity x Feeding Height	L x mm	400x1200	400x1200
	Outlet Diameter	mm	0100	0150
	Electrical Engineering Power	KW	37	45
	Rotate Speed	r/min	1480	1480
	Circuit Type		Open circuit	Open circuit
	Pumping System Pressure	Mpa	28	28
Hydraulic system	Mixing System Pressure	Mpa	10	10
	Max Mixing Speed	r/min	20	20
	Capacity Of Oil Tank	L	260	370
	The Biggest Transportation Is Away From Vertically (/Level)	m	160/500	160/500
	Max. Aggregate Diameter	mm	20	Screen: 30
Other Parameters	Inside Diameter Of Delivering Pipe	mm	0100	0125
	Dimensions: Length x Width x Height	mm	3400x1420x1600	4250x2300x3150
	Total Weight	kg	2300	4500

ITEMS	ITEMS	UNIT	AZBJZ30C-8-66R	AZBJZ40C-10-82R
	Max. Theo. Concrete Output	m <sup>3</sup> /h	30	40
	Max. Concrete Pumping Pressure (H. /L.)	Mpa	8	10
Whole performance of Machine	Distribution Valve Type		S	S
	Concrete Cylinder Diameter x Stroke	mm	cP140/1000	0180/1000
	Hopper Capacity x Feeding Height	L x mm	400x1200	400x1200
	Outlet Diameter	mm	0100	0150
	Electrical Engineering Power	KW	66	82
	Rotate Speed	r/min	1800	2200
	Circuit Type		Open circuit	Open circuit
	Pumping System Pressure	Mpa	28	32
Hydraulic system	Mixing System Pressure	Mpa	10	10
	Max Mixing Speed	r/min	20	20
	Capacity Of Oil Tank	L	350	350
	The Biggest Transportation Is Away From Vertically (/Level)	m	120/400	150/600
	Max. Aggregate Diameter	mm	20	Screen: 40
Other Parameters	Inside Diameter Of Delivering Pipe	mm	0100	0125
	Dimensions: Length x Width x Height	mm	6000x2300x3150	6000x2350x3150
	Total weight	kg	5500	6000

## AZBJW SERIES

# CONCRETE MIXER PUMP



Excellent  
Performance



High  
Durability



High  
Quality

Planetary mixing type concrete pump and mixer is a type of fully automated construction operating system machine, which set feeding, mixing and high pressure pump as one of the concrete mixer pump. About mixing pump, easy operation, stable performance, easy to move.

Compared with tradition concrete mixer pump, concrete pump with planetary mixer machine has higher productivity. The planetary concrete mixer machine adopt vertical shaft, the material can be mixed more evenly in short time.



# CONCRETE MIXER PUMP

ITEMS	UNITS	PARAMETERS	
		AZBJW40D	
	Max. Theo. Concrete Output	m <sup>3</sup> /h	40
	Mixer Capacity Per Hour	M <sup>3</sup>	37.5
	Mixer Feeding Capacity	L	1200
	Mixer Discharge Capacity	L	750
	Max. Concrete Pumping Pressure	Mpa	10
Whole Performance Of Machine	Concrete Cylinder Diameter Stroke	mm	0180x1000
	Hopper Capacity	L	600
	Outlet Diameter	mm	0150
	Electrical Engineering Power	kW	55
	Pumping System Pressure	Mpa	28
	Mixing System Pressure	Mpa	6-8
	Capacity Of Oil Tank	L	370
	Largest Pumping Distance (Height/Horizontal)	m	120/400
Other Parameters	Max. Aggregate Diameter	mm	Screen: 40
	Inside Diameter Of Delivering Pipe	mm	0125
	Dimensions : Length*Width*Height	mm	5010x2200x2000
	Total Weight	kg	3300

ITEMS	UNITS	PARAMETERS	
		AZBJW40C	
	Max. Theo. Concrete Output	m <sup>3</sup> /h	40
	Mixer Capacity Per Hour	M <sup>3</sup>	37.5
	Mixer Feeding Capacity	L	1200
	Mixer Discharge Capacity	L	750
	Max. Concrete Pumping Pressure	Mpa	10
Whole Performance Of Machine	Concrete Cylinder Diameter x Stroke	mm	0180x1000
	Hopper Capacity	L	600
	Outlet Diameter	mm	0150
	Electrical Engineering Power	kW	82kw Altovic
	Pumping System Pressure	Mpa	31.5
	Mixing System Pressure	Mpa	6-8
	Capacity Of Oil Tank	L	370
	Largest Pumping Distance (Height/Horizontal)	m	120/400
Other Parameters	Max. Aggregate Diameter	mm	Scree: 40
	Inside Diameter Of Delivering Pipe	mm	0125
	Dimensions : Length*Width*Height	mm	3800x2200x2100
	Total Weight	kg	5600

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