

# M35 CONCRETE BATCHING PLANT

## Cost Effective Mobile Batching Plant

M35 mobile concrete mixing plant is a new type of trailerable mobile concrete mixing plant. It is your best choice for mobile operations in various constructions such as highway, railway, architecture, municipal engineering, bridge, port and hydropower station.



### Productivity: 35 CBM/Hour

Its structure is unique with novelty to combine various functions of collecting, weighing, mixing and conveying into a trailer unit for excellent mobility. We have absorbed the worldwide advanced technologies on its design to ensure accurate and reliable weighing, even and effective mixing, and fast conveying. It is highly reliable with easy operation and transportation. It is capable of mixing dry hardness, half dry hardness, plastic concrete. Besides, it is simple in operation, mobile in site-transfer and excellent in reliability. May be moved anywhere on hauling, may be ready for using on settling down.



## Main Specification

Item		Specification	Qty	Unit	
Aggregate Batching and Supplying System	Bin	Aggregate bin	5 m	4	pc
		Gate-opening device		4	set
		Cylinder	SC-80F x 250-TC-M-Y	4	pc
		Vibrator	B-0.25 kW	1	pc
	Weighing Device	Weighing funnel	2 m	1	pc
		Sensor	BSS1500	4	pc
	Feed out Belt	Electric roller	YD320-0.8-4-750	1	pc
		Even belt	B = 650 mm	1	pc
	Conveying Belt	Electric roller	YD400-1.25-5.5-750	1	pc
		Trough belt	B = 650 mm	1	pc
Cement System	Weighing Device	Weighing funnel	0.5 m	1	pc
		Sensor	SBS500g	3	pc
		Pneumatic valve	F 250	1	pc
		Vibrator	B-0.25 kW	1	pc
Water System	Supplying Device	Diving pump	QY15-20-2.2 kW	1	pc
		Pipeline		1	set
		Valve		1	set
	Weighing Device	Weighing tank	0.2 m	1	pc
		Sensor	BSS500	1	pc
		Pneumatic valve	F 80	1	pc
Liquid Additive System	Supplying Device	Self-priming pump	25DBE18 0.75 kW	1	pc
		pipeline		1	set
		Valve		1	set
	Weighing Device	weighing tank	0.02 m	1	pc
		Sensor	BSS100	1	pc
		Pneumatic valve	F 50	1	pc
Spraying System		Spraying pipeline		1	set
		Spraying tie-in		4	pc
Air Feeding System	Batching System	Air compressor	V-0.67/8(5.5 kW)	1	pc
		Electromagnetic valve	4V410-15 AC220V	7	pc
		Tri-component	BC4000-15	1	set
		Gas-circuit		1	set
Mixing System	Mixer		JS750	1	pc
	Decelerator		XWDY10-17-30(6P)	1	pc
	Gate-opening device			1	set
	Cylinder		SI-125 x 200-CB-Y	1	pc
	Lubricate system			1	set
Walking Device		Tire	900-20	2	pc
			750-16	2	pc
Control System	Industrial computer		EVOC	1	set
	PLC control program		OMRON.JAPAN	1	set
	Operate desk			1	set
	Electric control tank			1	set
	Electric component		LG, Schneider	1	set
	Display			1	pc
	Printer			1	pc
	Air-condition			1	pc
	Control room			1	set
Cement Silo	Piece Type		50 Ton	1	set
Screw Conveyor			Dia: 219	1	set

## Parameter Table

No.	Item	Unit	Value
1	Throughput	m <sup>3</sup> /h	35
2	Total power (exclude screw)	kW	60
3	Total weight	ton	20
4	Largest aggregate size	mm	60
5	Aggregate weighing accuracy	%	± 2
6	Aggregate weighing scope	kg	0 ~ 2400
7	Powder weighing accuracy	%	± 1
8	Powder weighing scope	kg	0 ~ 500
9	Water weighing accuracy	%	± 1
10	Water weighing scope	kg	0 ~ 250
11	Additive weighing accuracy	%	± 1
12	Supplying gas press	MPa	0.6
13	Occupy space	m	22×4
14	Trail speed	km/h	15
15	Control form		Automatic / manual

## Layout

