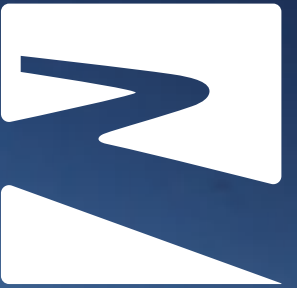


ZOOMMA

CONSTRUCTION MACHINERY



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**COMING FOR YOUR
ROAD TO EXCELLENCE**



ZOOMMA

CONSTRUCTION MACHINERY

**COMING
FOR YOUR ROAD TO
EXCELLENCE**



ZOOMMA is famous brand of road machinery in China, one of biggest manufacturer and exporter of asphalt distributor, asphalt chip sealer, highway road sweeper, sewer jetting machine and concrete paver. IKOM is located in Hangzhou and belongs to the Zhuma Group. We have invented the world's highest speed highway sweeper MAX60 in 2015 and are listed the China high-tech enterprise.

Our engineer team has 25 years experiences focused on road maintenance technology, and our brand footprints travel across 63 countries.

ZOOMMA is committed to offering high quality, reliable products, and service on time. Your satisfaction is our commitment. Let us be your trusted partner.



ENTERPRISE INTRODUCTION

2010 The first chip spreader with remote control

2013 The world's first push-plate synchronous chip sealer

2014 The first mini slurry sealer for round-island construction

2011 The world's widest asphalt distributor

2015 World's fastest highway sweeper- Max60

2017 The world's first modular bitumen decanter

2019 The Concrete paver was first improved in China

2022 Our products are operating in 63 countries world widely.

SINCE 2010

CATALOGUE

Asphalt

Synchronous Chip Sealer	07
Micro surfacing & Slurry paver	11
Intelligent Asphalt Distributor	15
Standard Asphalt Distributor	19
Mounted Asphalt Distributor	23
Trailer Asphalt Distributor	25
Self-Propelled Asphalt Distributor	27
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Semi-Trailer Slurry Paver	30
Truck Mounted Asphalt Patch Plant	31
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Emulsion Asphalt Plant	35
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Asphalt Colloid Mill	39
Drummed Asphalt Decanter	41
Asphalt Tank	45
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Concrete

Slip-form Concrete Paver	49
Volumetric Concrete Mixer	51
Binding Agent Spreaders	52

Sanitation

Airport& Highway Sweeper	53
Salt Spreader	55
Sewer Jetting Machine	57



PRODUCT INTRODUCTION



1.Functions integrated computer: Spraying, heating, self-priming, cleaning, and other functions can be operated on a 12-inch TFT full color touch screen.



2.A.S.I.control V Multi-Channel intelligent valve make the spray fully automatically controlled, and the valve flow rate reaches the peak instantaneously.



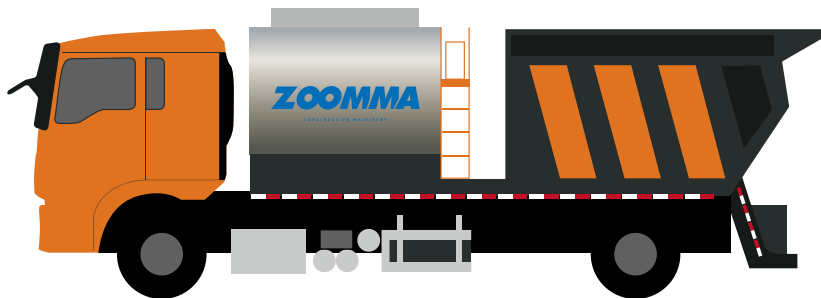
3.The innovative aggregate forward distribution system solves the problem that wet stone is difficult to spread.



4.Independent thermal oil control system : equipped with Honda generator and Italy Riello burner ,no need start the truck engine.

SYNCHRONOUS CHIP SEALER

SYNCHRONOUS
CHIP SEALER



ZKM5160TFC



ZKM5250TFC



ZKM5310TFC

Model	ZZM5160TFC	ZZM5250TFC	ZZM5310TFC
Dimension (mm)	9500x2400x3250	10250x2495x3450	12000x2500x3750
I. Chassis			
Chassis model	DONGFENG 4X2	HOWO 6X4	HOWO 8X4
GVW (kg)	16000	25000	31000
Power (HP)	190	290	336
II. Tank and spray			
Tank capacity	3000L	6000L	8000L
Material	Q235 carbon steel coated with stainless steel		
Insulate thickness	50mm Fiberglass		
Asphalt spray rate (L/m2)	0.25-3.0		
Nozzles number	28	34	34
Spray width(mm)	3100	4000	4000
III. Hopper and spread			
Hooper capacity	5 m ³	10 m ³	12 m ³
Chipping size	≤25mm		
IV. Hydraulic and transmission system			
Power take off	from the engine fly-wheel		
Hydraulic pump	A11V060EP2D/R German Rexroth		
Hydraulic motor	L2F63W2P2		
Asphalt pump	QGB450/950		
IV. Control system			
PLC	Siemens		
Display	TFT color touch screen		
Spray rate control	Proportional valve	Hydraulic variable pump	
Nozzles control	Each pneumatic cylinder control by solenoid valve		
V. Heating system			
Generator	EC6500 Honda, Japan		
Heating transfer oil Tube	Transfer the heating in tank, asphalt pump and spray bar		
Temperature control	E5AZ Omron, Japan		
Burner	RIELLO G20, Italy		

**PRODUCT
INTRODUCTION**



1. The whole system is equipped with Cummins engine, with strong and stable power.



2.The dual mixing system allows for more uniform mixing in a shorter time.



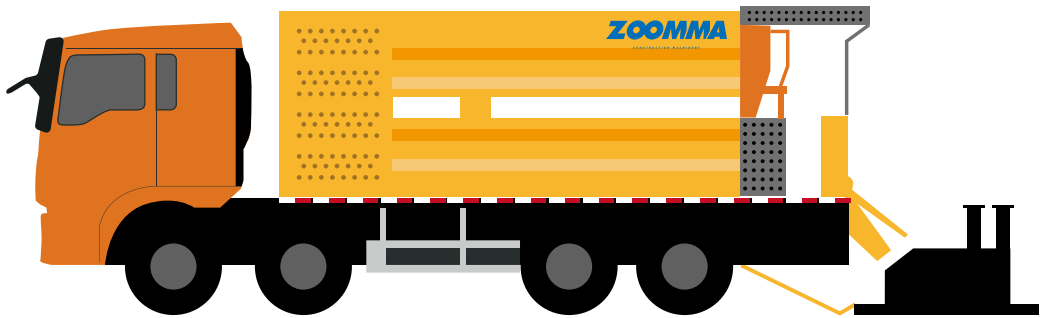
3. The asphalt pump is connected to the engine for heat preservation, and the work efficiency is higher.



4. Optional fiberglass cutting module for all series.

**MICRO SURFACING &
SLURRY PAVER**

MICRO SURFACING &
SLURRY PAVER



ZMZ5315TFC



ZMZ5255TFC



ZMZ5165TFC

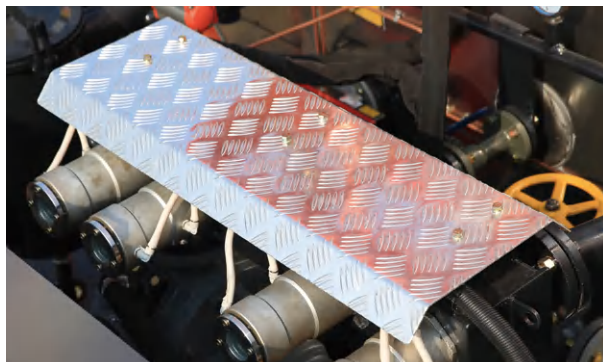
Model	ZMZ5315TFC	ZMZ5255TFC	ZMZ5165TFC
Dimension (mm)	12250×2500×3450	11200×2495×3400	9250x2500x3400
I. Chassis			
Chassis model	HOWO 8X4	HOWO 6x4	HOWO 4X2
GVW (kg)	31000	25000	18000
Power (HP)	310	280	220
II. Tank and hopper			
Aggregate hopper	12m³	10 m³	6 m³
Emulsion asphalt tank	4000L	3500L	1200L
Water tank	4000L	3500L	1200L
Addictive tank	400L	400L	/
Fine material hopper	2x0.5 m³	2x0.5 m³	0.6 m3
Max. mixer capacity	3500kg/min	3500kg/min	2500kg/min
III. Power unit, hydraulic and transmission system			
Auxiliary engine	Cummins 110kw	Cummins 74kw	Cummins 74kw
Hydraulic pump	BREVINI, Italy	PERMCO, US	PERMCO, US
Hydraulic motor	WHITE US	DANFOSS, Denmark	DANFOSS, Denmark
Asphalt pump	HX	HX	HX
Gear Unit	SEW, German	Guomao	Guomao
Hydraulic distribute valve	Bucher German		
Vibrating motor	OL, ITALY		
IV. Control unit			
PLC	Omron, Japan		Delta, Taiwan
Display	Omron, Japan		ACE PILLAR
V. Work parameter			
Min. truck speed	1km/h		
Paving thickness	3-15mm		
Paving width	2.5-4.3m		1.6-2.5m 2.5-4.3m (optional)



PRODUCT INTRODUCTION



1.All operations and working status can be completed in the computer, there are Chinese, English, Spanish and Russian language versions.



2.A.S.I. control V Multi-Channel intelligent valve make the spray fully automatically controlled, and the valve flow rate reaches the peak instantaneously.



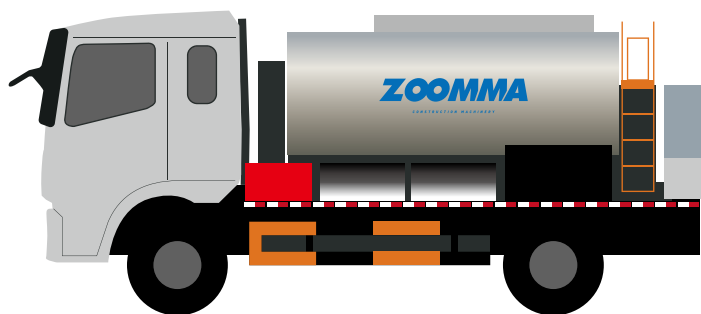
3.Asphalt and heat transfer oil one-piece joint to prevent breakage and leakage



4.Integrated rear platform equipped with QGB brand high viscosity pump gives the alternative operation of manual spray work.

INTELLIGENT ASPHALT DISTRIBUTOR

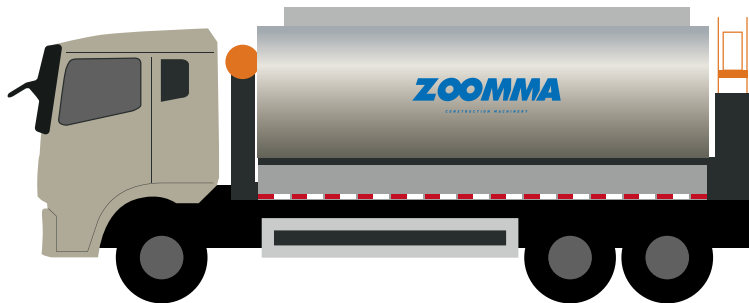
INTELLIGENT ASPHALT DISTRIBUTOR



ZZM5090GLQ



ZZM5162GLQ



ZZM5252GLQ

Model	ZZM5090GLQ	ZZM5160GLQ	ZZM5250GLQ
Shipping dimension(mm)	7400×2210×2580	8540×2450×3300	10500×2480×3350
I. Chassis			
Chassis model	JAC 4X2	DONGFENG 4X2	HOWO 6X4
GVW (kg)	9000	16000	25000
Power (HP)	140	190	290
Alternative chassis	DONGFENG/HOWO	HOWO	SHACMAN
II. Tank and spray			
Tank capacity	5000L	8000L	12000L
Material	Q235 carbon steel coated with stainless steel		
Insulate thickness	50mm Fiberglass		
Asphalt spray rate (L/m2)	0.25-3.0		
Nozzles numberIII.	31	39	39
Spray width(mm)	4500	6000	6000
III. Hydraulic and transmission systemAuxiliary engine			
Power take off	from the gearbox		from truck engine
Hydraulic pump	CBQ/G550	CBQ/G550	CBQ/G563/CFH
Hydraulic motor	L2F63W2P2		
Asphalt pump	QGB450	QGB680	QGB950
IV. Control system			
PLC	Siemens		
Display	TFT color touch screen		
Valve control	A.S intelligent control valve		
Nozzles control	Each pneumatic cylinder control by solenoid valve		
V. Heating system			
Generator	EC6500		
Heating transfer oil Tube	Transfer the heating in tank, asphalt pump and spray bar		
Temperature control	Siemens		
Burner	RIELLO G20, Italy		



PRODUCT INTRODUCTION



1. Integrated control panel, one person can operate spraying and heating in the cab.



2. The Italian Riello diesel burner can realize automatic ignition.



3. Separated heating system. No need to start the truck engine when heating. Honda Generator give the electric power to Burner directly.



4. Exhaust gas heating high-viscosity asphalt pump, which can spray hot asphalt and emulsify asphalt. (The modified asphalt can be sprayed after the optional heat transfer oil system is installed)



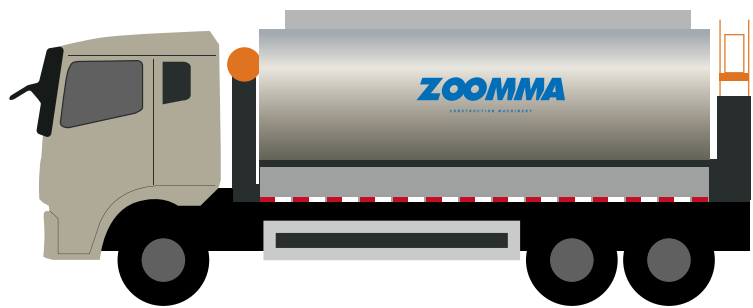
5. The intelligent cylinder nozzle can be opened and closed independently.



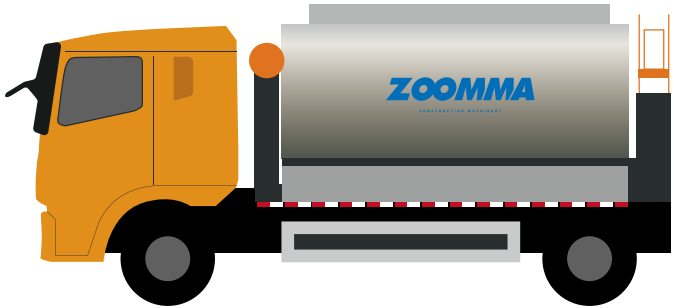
6. New anti-scalding integrated hand spray gun.

STANDARD ASPHALT DISTRIBUTOR

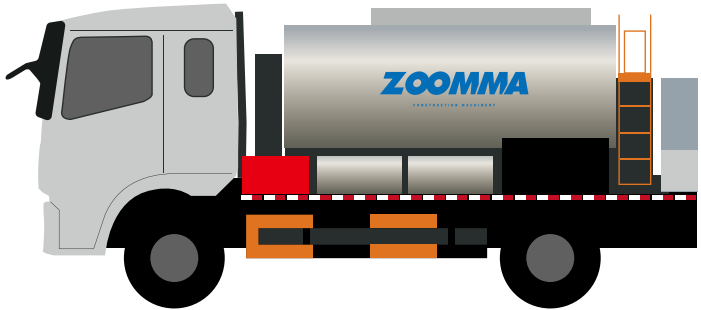
STANDARD ASPHALT DISTRIBUTOR



ZMZ5250GLQP



ZMZ5160GLQP



ZMZ5090GLQP



ZMZ5060GLQP

Model	ZZM5250GLQP	ZZM5160GLQP	ZZM5090GLQP	ZZM5060GLQP
Dimension (mm)	10260×2490×3690	8995×2490×3160	7380×2250×2580	6400x1980x2500
I. Chassis				
Chassis model	HOWO 6X4	DONGFENG/SINOTRUCK	DONGFENG/JAC	DONGFENG/JAC
GVW (kg)	25000	16000	9000	6000
Engine Power (HP)	290	180	120	90
II. Tank and spray				
Tank capacity	12000L	8000L	5000L	3000L
Material	Q235 carbon steel coated with stainless steel			
Insulate thickness	50mm Fiberglass			
Asphalt spray rate (L/m2)	0.3-3.0			
Nozzles number	39	39	29	29
Spray width(mm)	6000	6000	4500	4500
III. Hydraulic and transmission system				
Power take off	from the gearbox			
Hydraulic pump	CBQ/G563/CFH	CBQ/G550Q	CBQ/G550	CBQ/G550
Hydraulic motor	L2F63W2P2			
Asphalt pump	QGB450	CB550	CB450	CB300
IV. Control system				
Control system	Integrated button control panel			
V. Heating system				
Generator	HONDA 2500 2KW			
Burner	RIELLO G20, Italy			
VI. Auxiliary device				
Hand Spray	5m Hand spray lance			
Suction	4m Suction pipe			

*Optional function: Thermal oil transfer pump and motor system for tank, asphalt pump and spray bar heating



MOUNTED ASPHALT DISTRIBUTOR

PARAMETER TABLE

Model	ZM-4SPSZ	ZM-8SPSZ
Shipping dimension(mm)	5300x2250x2180	6800x2300x2580
I. Chassis		
Wheel Base (mm)	3300-3800	4200-5000
GVW (kg)	7000-11000	16000-18000
Engine Power (HP)	> 90	> 160
II. Tank and spray		
Tank capacity	4000L	8000L
Material	Q235 carbon steel coated with stainless steel	
Insulate thickness	50mm Fiberglass	
Asphalt spray rate (L/m2)	0.3-3.0	
Nozzles number	29	39
Spray width(mm)	4500	5800
III. Hydraulic and transmission systemAuxiliary engine		
Auxiliary engine	Quanchai N485QA 34.5KW or JAPAN YANMAR 3TNV88 20KW	
Hydraulic pump	CBQ/G525/AFP	
Hydraulic motor	L2F63W2P2	
Asphalt pump	CB450	CB550
IV. Control system		
Control system	Integrated button control panel	
V. Heating system		
Generator	HONDA 2500 2KW	
Burner	RIELLO G20, Italy	
VI. Auxiliary device		
Hand Spray	5m Hand spray lance	
Suction	4m Suction pipe	



TRAILER ASPHALT DISTRIBUTOR

PARAMETER TABLE

Model	ZMTS-10P	ZMTS-10	ZMTS-25
Dimension(mm)	2800x1700x1800	3500×1900×2150	3950x1980x2150
Drawbar length(mm)	1000		
Axis	1	1	2
Brake mode	Oil brake		
Tire specification	235 80R16	235 80R16	235 80R16
Tank capacity(L)	1000	1000	2500
Insulation thickness	50mm Fiber glass		
Spray valve	0.5-3.0kg		
Spray bar length(m)	/	2	2
Spray bar nozzles	/	fan-shaped, 13pcs	fan-shaped, 13pcs
Hand spray length (m)	5		
Hand spray nozzle	Slot type , 2 pc		
Engine model	HONDA GX270 6kw	Yuchai 195F 11kw	Changchai ZS1100 12.1kw
Cooling method	Air-cooled gasoline engine	Air-cooled diesel engine	Evaporative water cooling
Generator model	/	HONDA 2500	HONDA 2500
Generator power	/	2KW	2KW
Burner	PQ-5	G10	G10
Ignition types	Manual	Auto	Auto
Asphalt pump model	CLB-3	CLB-6	CLB-6
Asphalt pump flow(m³/h)	3 m³/h	6	6
Max. air pressure (Mpa)	0.8		
Asphalt cleaning	Pressure air blow + Diesel oil		



SELF-PROPELLED ASPHALT DISTRIBUTOR

PARAMETER TABLE

Model	ZMSP-10
Dimension(mm)	4000×1800×1800
Drawbar Length(mm)	1000
Drive Mode	Self-Propelled Hydraulic Drive
Walking Speed(m/min)	50-80
Axis	1
Brake mode	Oil brake
Tire specification	28×9-15 NHS
Tank capacity(L)	1200
Insulation Thickness	50mm Fiber glass
Spray valve	0.5-3.0kg
Spray bar length(m)	1.8
Spray bar nozzles	fan-shaped, 14pcs
Hang Spray Rod Length (m)	5
Hand spray nozzle	Slottype , 2 pc
Engine model	Changchai N490B 39kw
Cooling method	Evaporative water cooling
Generator model	YAMAHA
Generator power	1.5KW
Burner	G10
Ignition types	Auto
Asphalt pump model	CLB-100
Asphalt pump flow(m³/h)	6m³/h
Max. air pressure (Mpa)	0.8
Asphalt cleaning	Pressure air blow + Diesel oil



MOUNTED SLURRY PAVER

Model	SP-6	SP-12
Chassis Choice		
Wheelbase	4200-4500mm	6200-6500mm
GVW (kg)	16000-18000kg	31000kg
Minimum speed	1.5-2.0 km/h	1.5-2.0 km/h
Tank and hopper		
Aggregate hopper	6 m³	12 m³
Emulsion asphalt tank	1200L	4000L
Water tank	1200L	4000L
Fine material hopper	0.6 m³	0.5x2 m³
Working Parameter		
Max. mixer capacity	2500kg/min	3500kg/min
Machine Dimension	6750*2300*2580 mm (40HQ container)	8150*2550*3150 mm
Paving thickness	3-15mm	3-15mm
Paving width	1.6-2.5m 2.5-4.3m (optional)	2.5-4.3m



SEMI-TRAILER SLURRY PAVER

Model	ZZM9255TFC	ZZM9315TFC
Chassis		
Axis	Fuhua 13T *2	Fuhua 13T *3
GVW (kg)	25000	31000
Tyre	11.00R20	11.00R20
Tank and hopper		
Aggregate hopper	10 m³	12 m³
Emulsion asphalt tank	3500L	4000L
Water tank	3500L	4000L
Addictive tank	400L	400L
Fine material hopper	2x0.5 m³	2x0.5 m³
Max. mixer capacity	3500kg/min	3500kg/min
Working Parameter		
Min. truck speed	1km/h	1km/h
Paving thickness	3-15mm	3-15mm
Paving width	2.5-4.3m	2.5-4.3m



TRUCK MOUNTED ASPHALT PATCH PLANT

PARAMETER TABLE

Model	LMT5120TYH
Name	Truck Mounted Asphalt Patch Plant
Dimension	7360x2200x3450mm
productivity	3-5T/h
Total power	35kw
Generator output power	YTO 30 kw
Aggregate hopper capacity	0.11m³
Maximum capacity of batch heater	0.3m³
Max batch heater loading	400KG
Mixer Unit	0.2m³
Asphalt tank capacity	1200L
working voltage	Three-phase 380V□50hz
Max operating temperature of heat transfer oil	230℃
Heating controller	E5AZ Omron, Japan
Buner for asphalt tank	RIELLO G10, Italy
Buner for batch heater	RIELLO G20, Italy
PLC Controller	ZM-1S Siemens



ASPHALT RECYCLE
POTHOLE PATCHER

PARAMETER TABLE

Model	ZZM5180TXB
Shipping dimension(mm)	8390×2450×3450
I. Chassis	
Chassis model	DONGFENG 4X2
GVW (kg)	18000
II. Mix system	
Capacity (t/h)	4-5
Mix method	Hydraulic vertical forced stir
Discharge	Continuous type
III. Hydraulic and transmission system	
Pressure (Mpa)	16
Hydraulic flow (L/min)	165
IV. Asphalt tank	
Tank capacity	2000L
Heating method	Heating transfer oil + Fiber glass insulated
Hand spray	With hand spray gun and hose
V. Heating system	
Asphalt tank burner	Riello G10
Mixer tank burner	Riello R5GS
Temperature control	E5AZ Omron, Japan
Heating transfer oil pump	RY40-25-160
VI. Dust removal system	
Type	Water type
Water tank capacity (L)	600



PRODUCT INTRODUCTION



1.Using the most advanced BEM-10 colloid mill, with mechanical seal and centralized lubrication technology.



2.Soap flow follow-up metering system to ensure accurate ratio of asphalt and soap.



3.PLC control, with automatic and manual modes.

PARAMETER TABLE

Units	Parts	Specification	Power	Material	Remark
Colloid mill unit	Mill	10 t/h	37 kW	Stainless steel	Be heat preserved by oil Input shearing tooth
Bitumen unit	Bitumen pump	6 t/h	4kW	Cast steel	Gear pump(temperature preserve)
	Bitumen flow adjusting				Bitumen pump (variable frequency and speed control)
	Bitumen tank	3.8 m³		Carbon steel	1pc
Soap water unit	Soap water pump	8 t/h	2.2kW	Stainless steel	Multi-level corrosion resistant centrifugal pump
	Soap water flow meter	1-12m³/h		Stainless steel	Corrosion resistant electromagnetic flowmeter
	Soap water tank	2x1.5 m³		304 Stainless steel	Be fixed with heating coils
	Tank agitator		1.5kW	304 Stainless steel	2pcs
	Water pump	12.5 m³/h	1.1kW		Centrifugal pump
Electric system	Main power		48kW		Independent control cabin



EMULSION ASPHALT PLANT



POLYMER MODIFIED ASPHALT PLANT

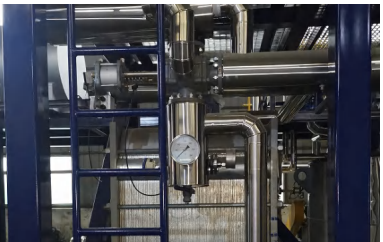
PRODUCT INTRODUCTION



1.The latest colloid mill technology is used to ensure sufficient shearing of the modified asphalt.



2.Automatic weighing of SBS powder, automatic metering of asphalt and rubber oil (additive) .



3.Large area of heat exchanger ensure the efficiency of production.



4.Equipped with an independent control room, the control interface is clear, and the operation is simple.

PARAMETER TABLE

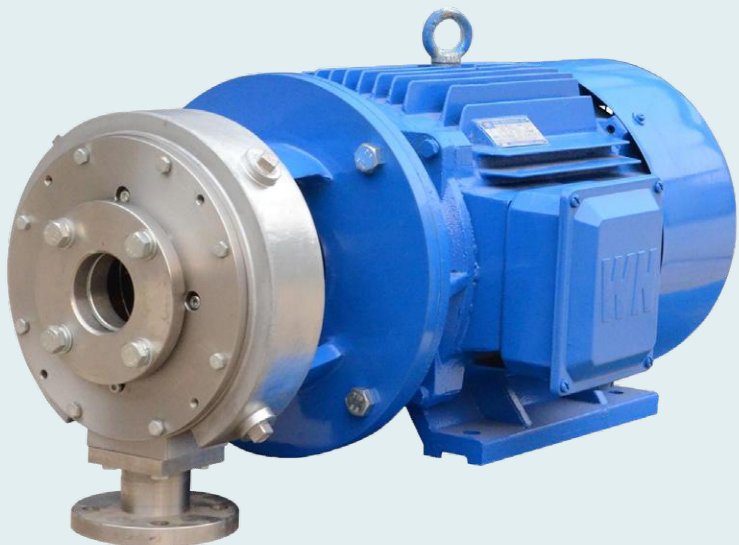
Item	Name	Parameter	Remark
Specification	Productivity	20 t/h	@ SBS4.5% add rate
	Total Power	≤156 kW	50Hz/380V
	Dimension	9500mm×6500mm×4800mm	L×W×H
	Structure	Frame	Container size
Measurement method	Base Asphalt	Frequency conversion pump + flow meter	Accuracy ±0.5%
	Rubber oil	Frequency conversion pump + flow meter	Accuracy ±0.5%
	SBS Powder	Frequency conversion screw + automatic weighting	Accuracy ±0.5%
Control		Manual /Auto	

LAB COLLOID MILL



Model	BEM-L
Productivity	100-800 l/h
Motor Power	2.2 kW
Motor Speed	2870 r/min
Mill Material	304 Stainless steel
Shaft sealing	Mechanical sealing
Voltage	380 V
Current	4.7 A

EMULSION ASPHALT COLLOID MILL



Model	BEM-10
Capacity	10t/h
Input	DN65
Output	DN50
Motor Speed	2940 r/m
Motor Power	37kW
Motor Connect	Direct shaft
Shaft seal	mechanical with lubrication oil cooling
Grinding gear material	SS329 duplex stainless steel
Tooth shape	5+6 rows of teeth
Heating method	thermal oil
Dimension	900x395x580mm
Weight	350kg

MODIFIED ASPHALT COLLOID MILL



Model	BPM-20/ BPM-40
Max. Capacity	20/40 t/h
Motor Power	110/160 kw
Rotating speed	2940/2200 rpm
Tooth arrangement	5-layers, Tooth-shaped shearing
Tooth material	High-speed tool steel
Working Pressure	5 Bar
Interval adjustment	0-3mm
Axis sealing	Packing seal
Shell heating	Heating conduct oil
Inlet diameter	DN125
Out diameter	DN100
Bearing seat cooling	Water cool
Mill weight	2800/2985 kg
Dimension	2600x900x800mm 2700x1030x800mm

ASPHALT COLLOID MILL



DRUMMED BITUMEN DECANter (INNER BOILER TYPE)

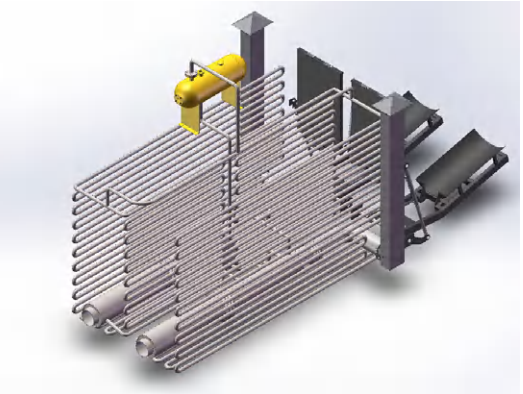
PRODUCT INTRODUCTION



1.Built-in heat transfer oil boiler design, no need extra installation and easy to move to other work site.



2.Burner tube + Heating transfer oil dual heat system can improve the heating efficiency and reduce bitumen residue in the drum, the tank body insulated with 50mm fiber glass.



3.Hydraulic drum loading and feeding system to make the efficiency and safety for continuous operation.

PARAMETER TABLE

Model	ZM-TT3	ZM-TT5
Dimension (LXGXW) mm	5800x2100x2600	7200x2100x2600
Productivity (t/h, temperature ≥25℃)	3	4-5
Bitumen temperature (℃)	130-160	130-160
Drum load quantity	16	24
Bitumen storage capacity	6	6
Burner Model	Riello RG5S x2	Riello RL44 x2
Fuel consumption (L/H)	35-50	40-60
Heating oil temperature (℃)	210-240	210-240
Temperature control	OMRON JAPAN	OMRON JAPAN
Heating oil grade	320	320
Gross weight (t)	6	7.5



DRUMMED ASPHALT MELTER

PARAMETER TABLE

The design of double-unit structure is adopted for Drummed Asphalt Melting Equipment, composed of the asphalt dumping main equipment unit and the heat-conducting oil boiler unit, and the form of frame structure is applied to its both main-body structures, for the strength and the stability of the units to be reliably ensured. Stainless steel corrugated pipe flexible connection is adopted for the pipeline connection between the two units, typical of simple site dismantlement and installation as well as convenient transportation, especially adaptable to installation and construction on overseas construction sites. Heat-conducting oil “S” coil pipe is mainly employed for heating of the dumping unit, and at the same time the combustion waste gas of the heat-conducting oil boiler is utilized for auxiliary heating, which has effectively improved the fuel utilization efficiency, and reduced energy consumption.

MODEL	ZM-TT4	ZM-TT8
productivity(t/h)	3-4	7-8
amount(pail/per vehicle)	20	26
capacity of bitumen(m3)	12	12
the temperature of bitumen(℃)	130-160	130-160
asphalt pump(m3/h)	27	27
speed of the trolley (m/min)	10.4	10.4
capacity of conduction oil (kw)	470	720
Dimension(mm)	8000×2200×2600	11000×2550×2600
total power of electricla(kw)	<30	<30
Total weight(t)	16	18



SEMI-TRAILER ASPHALT TANK

Model	ZZM9250GLB	ZZM9300GLB	ZZM9450GLB
Chassis	HZZ9290GYY.00	HZZ9290GYY.	HZZ9400GYY
Dimension(mm)	10000×2500×3463	10000×2500×3550	12800×2500×3800
Tow pin	50# or 90#		
Asphalt tank	25000L	30000L	45000L
Tank steel	Q345B t=5mm		
Head steel	Q345B t=6mm		
Manhole	20"		
Flaming chamber	Φ273mm×2 L type		
Tire	12R22.5		
Insulation layer	Stainless steel coating + fiberglass insulation layer (50mm)		
Burner	Riello G20 x2		
Discharge Port	4"		



ASPHALT TANK

Model	ZM-35LQ	ZM-20LQ
Tank capacity	35000L	20000L
Insulated layer	50mm Fiber glass	
Tank steel thickness	5mm for tank, and 6mm for side	
Baffle steel	4mm	
Asphalt pump	29m³/h Shanggui (Weikente)	18m³/h Shanggui (Weikente)
Asphalt pump motor	11kw	8KW
Asphalt pump heating	Heat conducting oil	
Electric heating rod	3 x 8kw	
Heat conducting oil pump and motor	6m³, 1.1kw	
Heat conducting oil control panel	Digital display and adjust	
Heat conducting oil tank	100L	
Burner	Italy Riello RG5S x2	Italy Riello G20 x2
Burner capacity	250,000 K-Carolie x 2	200,000 K-Carolie x 2
Burner tube	Φ219 x2	Φ219 x2
Pipe diameter	DN80	DN65
Connect flange diameter	DN100	DN80
Level gauge	1	1
Thermometer	1	1



CHIP SPREADER

Mode ZM-A310			Main Fitting	
1	Dimension	2500×2000×1900(mm)	1	Hydraulic drive system
2	Chipping Size	5-20(mm)	2	OMR-80 Hydraulic Motor
3	Spreading Width	MAX 3100(mm)	3	CBN-E3 Hydraulic gear Pump
4	Total Weight	1150(Kg)	4	VFc001-2025Lr/c Preference Diverter Valve
5	Shipping Dimension	2650×2150×2050(For reference)	5	“Open” Pneumatic Cylinder
			6	GX270 Gasoline Engine
			7	One position switch

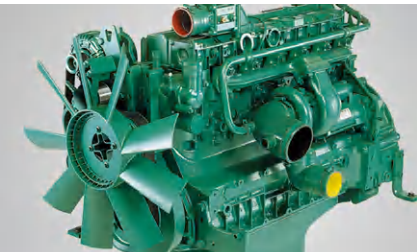


CHIP SPREADER - TRAILER TYPE

Mode ZM-SS3000			Main Fitting	
1	Dimension	3600×3050×1400(mm)	1	During the construction, the drive wheel hub is "held" by the pressure plate,and the disassembly takes only a few minutes.
2	Chipping Size	3-30(mm)	2	The machine is equipped with a screen, which can sieve out large materials, and can achieve a uniform spreading effect.
3	Spreading Width	MAX 3000(mm)		
4	Total Weight	2000(Kg)	3	Strong continuous performance, the machine can be used with several dump trucks
5	Spread value	1-40 m³/ km2		
6	Spread speed	50-80m/min		
7	Spread difference	250mm		



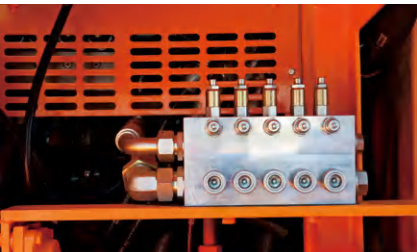
PRODUCT INTRODUCTION



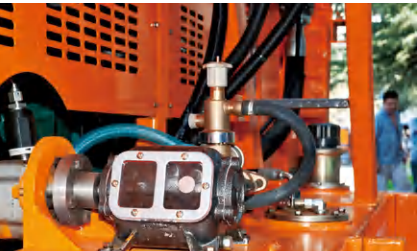
1. Volvo water-cooled engine, powerful, high-torque reservation, low fuel consumption, emission in conformity with Europe environment.



2. Multi-segments and multi-bars design to ensure further compacting and mud extraction.



3. Hydraulic transmission for vibration bar, step less frequency conversion to supply optimum frequency for all kinds of concrete.



4. To clean the machine effectively and to prevent concrete from hardening freezing on machine.



5. Micro-computer system with self-diagnostic capability.



6.Auto leveling and tracing systems ensures paving surface flatness and road straightness.

Product model	Unit	CP6000	CP8000
Standard paving width	mm	3400~6000	4250~8000
Paving thickness	mm	0 ~ 450	
Paving speed	m/min	0 ~ 10	
Travelling speed	Km/h	0 ~ 1.5	
Grade ability	%	At work: ≥10%	
Vibration frequency	Hz	5 ~ 167	
Engine model	VOLVO	TAD552VE	TAD851VE
Rating power	kW	160	185
Rating rotate speed	r/min	2300	
Screw rotate speed	r/min	0 ~ 34	
Size	mm	4020×7290×2770	4020×9290×2770

SLIPFORM CONCRETE PAVER



VOLUMETRIC CONCRETE MIXER

Model	ZZM5250SJQ
System	Parameter/ Model
Aggregate	6.5m³
Sand	4.5m³
Water	1890L
Cement Filler	3.2m³
Additive	160L
Feeding system	Scraper chain
Metering system	Volume measurement
Control system	Mechanical operator
Mixing system	Spiral forced high-speed shear stirring
Mix capacity	1000kg/min, adjustable
Power unit	PYN4-85kw
Chassis	ZZ1251 HOWO
Engine Power	206KW
GWW	25000kg



BINDING AGENT SPREADERS

Model	ZZM-10CP
Whole dimension (L×W×H) mm	4880×2550×2950
Hopper dimension (L×W×H) mm	3900×2400×1800
Max. Hopper capacity m³	10
Spreader width (mm)	2400
Spreader way	Dosing Roller Spreading
Conveyor	Chain scraper
Loading weight (t)	≤11
Tractor power required	95Kw
Tires model	425/65R22.5
Working speed km/h	3-15
Connector	Trailer type
Gear pump	CBHL-F80/F50
Hydraulic motor	HMSJ400/160
Weight (t)	5.1
Spreader value control	PLC



MAX-60

PRODUCT INTRODUCTION



Long operating mileage

Strong reliability



1.Efficient German centrifugal fan with energy efficiency up to 78%, Three-layer flow circulation design, minimum the dust, improve the suction.



2.Intelligent control system with One-touch touch operation



3.Spin-type dust removal system to avoid water fall ; 2300mm wide suction port, wide working surface; Ground adaptive buffer system; large diameter three straws; Easy to adjust the pressure of the sweeping touchdown; universal rubber support wheel, easy to turn.



4.The central four-sweeping disc is used to achieve a sweeping width of 3800.

AIRPORT& HIGHWAY SWEEPER



PRODUCT INTRODUCTION



Model	XHS-20000	XHS-10000	XHS-3000
Dimension	2270 x1300x1080 (LxWxH mm)	1641x1300x1084 (LxWxH mm)	610 x1120 x1310 (LxWxH mm)
Weight	272Kg/600lb	182Kg/401lb	80Kg/176lb
Hopper capacity	70.6 cu ft/4850 lb (2cu m/2200 kg)	35.3 cu ft/2645lb (1cu m/1200 kg)	10.6 cu ft/805 lb (0.3 cu m/365 kg)
Spread agent	Salt, sand, pebbles, snow melt		
Hopper construction	Polyethylene		
Material Deflector	Adjustable poly deflector (Φ16CM *23CM)	Adjustable poly deflector (Φ16CM *23CM)	Adjustable poly deflector
Deflector capacity	0.06m3/min		
Gear ratio	1:80	1:80	
Motor	DC12V(24V Optional)600 w	DC12V(24V Optional)600 w	DC12V(24V Optional)250 w
Vibrating motor		Dual vibrating DC12V(24V Optional)	0.2kN DC12V(24V Optional)
Spinner	36.8cm Diameter Poly Spinner	36.8cm Diameter Poly Spinner	31cm Diameter Poly Spinner
Spread width	0-12 m		
Receiver Hitch	Class 4		
Spinner designer	easy disassembly		
Control	Dual variable speed control with explosion-proof function and overload protection		
Minimum Box length	168CM		
Vehicle Applications	3/4;1-4 tons light truck	3/4;1-4 tons light truck and Pick- up	3/4;1-4 tons light truck

SALT SPREADER



TRAILER SEWER JETTING EQUIPMENT

Model	MAX-150	MAX-450
Overall Dimensions	3,800x1,800x1,800mm	3,800x1,800x1,800mm
Water Tank Volume	1,500L	1500L
Water Tank Material	4mm stainless steel	4mm stainless steel
Engine Model	N485QA	CHANGCHAI 4102
Engine Output Power	34.5 kw	57kw
Engine Type	Diesel water-cooled four-cylinder	Diesel water-cooled four-cylinder
Diesel Tank Volume	50L	50L
High-Pressure Pump Model	HAWK XXT7015IR, Italy	SY110-25
Maximum Flow/Pressure	84L/min@1740RPM, 150Bar	50L/min@1480RPM, 450Bar
Inlet Filter Element	40 microns	40 microns
Hydraulic Pump	CBN-E310 10ml/r	CBN-E310 10ml/r
Hydraulic Tank Volume	24L	24L
Hose Length	60m	60m
Hose Specification	275BAR, 1/2", SAE100 standard, 60m	500 BAR, 1", SAE100 standard, 60m
Dredge Pipe Diameter	15-50CM	20-80CM



HONORS AND QUALIFICATIONS

The company has passed iso9001:2015 quality management system certification, iso14001:2015 environmental management system certification, iso45001:2018 occupational health and safety management system certification and GB / T 27922-2011 five-star after-sales service certification; It has won many honors such as "scientific and technological innovation award", "development speed Award" and "circular economy award" issued by the State Administration of Quality Supervision and Inspection; At the same time, the company has obtained "national high-tech enterprise", "provincial science and technology enterprise", "large-scale industrial enterprise", "safety production standardization and safety production integrity management enterprise", and has been rated as "contract abiding and trustworthy enterprise", and its products have passed the CCC certification of national mandatory products.

GLOBAL PARTNER



EXPORTED TO MORE THAN 60 COUNTRIES AND REGIONS