REPAIR HOLDINGS

CONSTRUCTING A BRIGHTER FUTURE

ACE

PARTNERS IN DEVELOPING SOUTH AFRICA

Making Our Customers Successful

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RH CONSTRUCTION MACHINERY

CONSTRUCTING A BRIGHTER FUTURE

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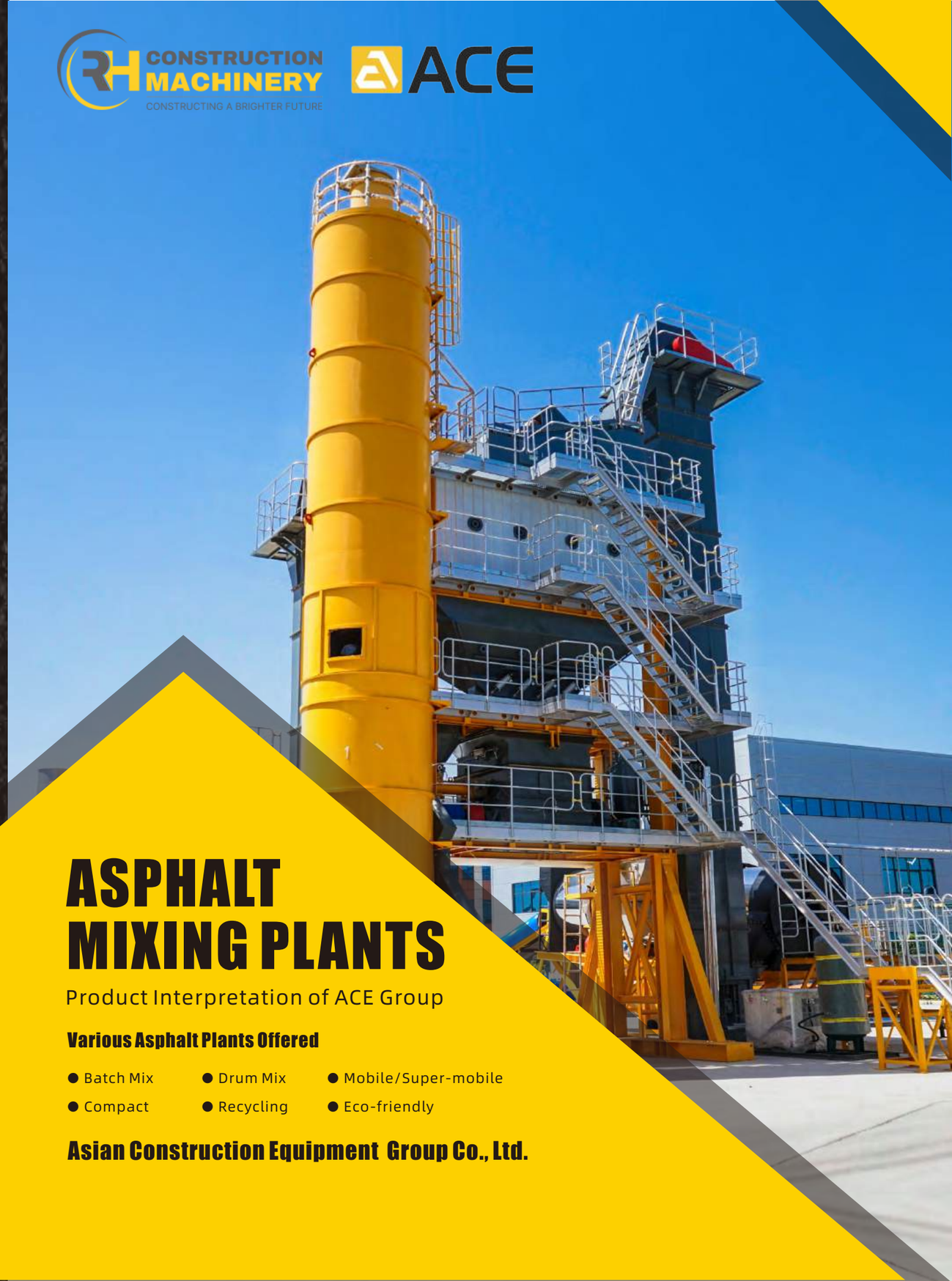

ASPHALT MIXING PLANTS

Product Interpretation of ACE Group

Various Asphalt Plants Offered

- Batch Mix
- Drum Mix
- Mobile/Super-mobile
- Compact
- Recycling
- Eco-friendly

Asian Construction Equipment Group Co., Ltd.

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RH CONSTRUCTION MACHINERY
CONSTRUCTING A BRIGHTER FUTURE

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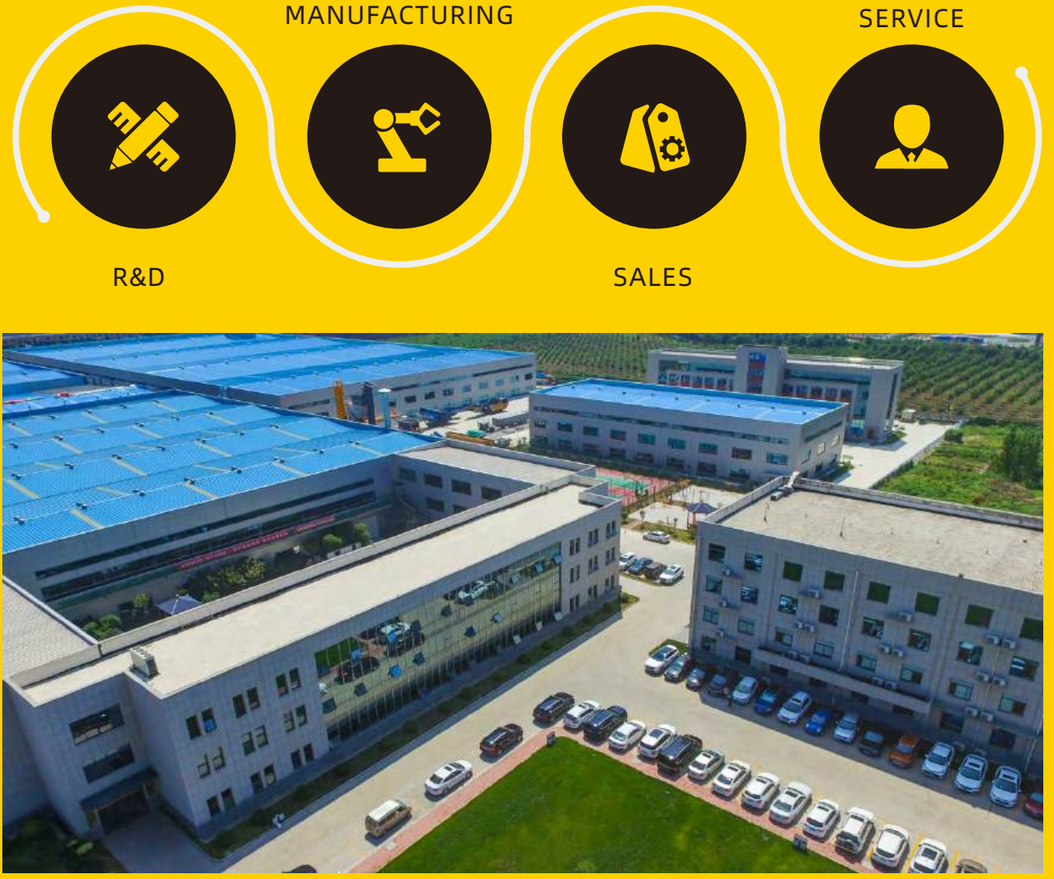
Snapshot of ACE Group

RH Construction Machinery is a subsidiary of Repair Holdings (PTY) LTD, a South African company. Partnered with the Asian Construction Equipment Group (ACE), a leading Chinese manufacturer, we are poised to revolutionize the construction machinery industry in South Africa and the SADC region.

Asian Construction Equipment Group Co., Ltd. is a professional enterprise dedicated to the R&D, manufacturing, sales, and service of construction materials producing equipment. As a leading Chinese equipment manufacturer, especially as an asphalt plant manufacturing expert, ACE Group is striving to service the Belt and Road Initiative and contribute value to global infrastructure with excellent equipment.

ACE Group now offers equipment covering the entire process chain in construction like asphalt mixing plants, concrete plants, wet mix plants, asphalt distributor trucks, and others. ACE has formed the significant ability to provide our customers with integrated solutions. By far, more than 400 sets of asphalt plants ACE group manufactured have shown their presence in more than 80 countries and regions. Adhering to the tenet of Making Our Customers Successful", our team endeavors to provide you worry-free service from beginning to end.



Authority Certification

20+ Credentials

70+ Patents

CONSTRUCTION MACHINERY
CONSTRUCTING A BRIGHTER FUTURE

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Why ACE Group

20+

20+ Years Of Asphalt Plant Manufacturing History

80+

More Than 80 Models of Asphalt Plants Available

40+

40+ Core Patented Technologies On Asphalt Plants

400+

400+ Sets of Asphalt Plants Have Been Exported

80+

80+ Countries Have The Presence of Our Asphalt Plants

7×24h

Considerate Sales Service, Guaranteed After-Sale Response

Brand Cooperation

NSK
SKF
SEW EURODRIVE
OMRON
Schneider Electric
AirTAC
baltur Energy for People
RIELLO
Weidmüller
DUPONT
METTLER TOLEDO
SIEMENS
ABB
hp
SICOMA
Midea
BONENG
SDMIX®

Manufacturing Workshop

Shipping Scenarios

Asphalt Batch Mix Plant BAP Series

Capacity: 60t/h ~ 400t/h

Stationary | Batch Mix | Precise Batching and Weighing | High Quality Output

The BAP series asphalt batch mix plant is designed to produce asphalt mix (HMA, SMA, AC) for high-grade road surface pavement projects, featuring precise aggregate batching and accurate weighing, which ensure the quality of the finished products. It's ideal equipment for asphalt mix producers and road construction contractors.

Highlights

Big But Flexible 01

Modular design makes it convenient for transportation and installation and suitable for worldwide use

High-quality Output 02

Batch mixing, precise screening, and accurate measurement allow it to produce quality hot mix asphalt

Multi-functional 03

Filler and additives such as dye pigment, fibers, and foam can be fed into the mixer to produce finished asphalt in different recipes and colors

Cost-saving 04

Optimized drying drum with thermal insulation layer surface helps to achieve sufficient heating and less fuel consumption

Reliability Focused 05

The dual-shaft mixer enables fast and homogenous mixing, and the PLC system, with three control modes, is easy to operate

Eco-friendly 06

Two-stage dust collectors-primary cyclone dust filter and secondary bag house filter-constrain dust emission to less than 20 mg/Nm³

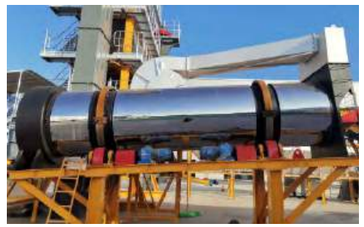
Parameters

Model	Production Capacity	Mixer Capacity	Total Power	Fuel Consumption		Measurement Accuracy
				Diesel	Coal	
BAP60	60t/h	750kg	178kW	5.5-7 kg/t	10kg/t	Aggregate: ±0.5% Filler: ±0.25% Bitumen: ±0.25%
BAP80	80t/h	1000kg	285kW	5.5-7 kg/t	10kg/t	
BAP100	100t/h	1200kg	316kW	5.5-7 kg/t	10kg/t	
BAP120	120t/h	1500kg	380kW	5.5-7 kg/t	10kg/t	
BAP160	160t/h	2000kg	470kW	5.5-7 kg/t	10kg/t	
BAP200	200t/h	2500kg	547kW	5.5-7 kg/t	10kg/t	
BAP240	240t/h	3000kg	700kW	5.5-7 kg/t	10kg/t	
BAP320	320t/h	4000kg	870kW	5.5-7 kg/t	10kg/t	
BAP400	400t/h	5000kg	960kW	5.5-7 kg/t	10kg/t	

Main Components

Cold Feeder

Equipped with a vibration motor and shortage alarm device to ensure continuous aggregate supply and a protective grille is installed to protect the feeder and prevent body injury.



Drying Drum

A central lubricating system is deployed for smooth running; drive devices have protective covers; optimized inner structure makes it safer, more efficient, and longer service life; its surface is covered by a thermal insulation layer, less heat loss.

Burner

Pulverized coal burner, oil burner, gas burner and oil-gas dual fuel burner are available options. All burners are Chinese or world-famous brands, efficient and stable.

Mixing Tower

It typically consists of a vibrating screen, hot bin, weighing hopper, mixer, HMA storage bin, and loading layer; each of which is an individual module, convenient for transport and installation.

Mixer

Twin-shaft mixer, the two shafts synchronously rotate in different directions, ensuring uniform mixing; paddles on the shafts are made of wear-resistant material, sturdy and durable.

Dust Collecting System

Primary cyclone dust filter, coarse dust is reclaimed; Secondary bag house dust filter adopts NOMEX bags, fine dust is collected and reclaimed; Dust emission is less than 20 mg/Nm^3.

PLC Control System

Equipped with the commercial computer; control mode can be switched between manual, auto, and semi-auto; multi-language interactive interface; remote technical support is available.

Bitumen Tank

Horizontal, vertical, direct heating and heat transfer oil heating bitumen tanks are available, as well as heat transfer oil furnaces and bitumen unloading tanks.

Super-mobile Asphal Plant IAP Series

Capacity: 40t/h ~ 120t/h

Continuous Production | Fast Relocation | No Foundation Needed | Rapid Reassembly

IAP series super mobile asphalt plants feature flexibility and hypermobility, quite easy to relocate between job sites; not a month, not a day, only a few hours need to be taken to reassemble and restart production; folding brackets and ingenious engineering simplify the need for foundations, saving lots of downtimes and labor force.

Highlights

Unique Module Design
01

All modules are integrated into one or two mobile units, allowing easy movement, low complexity for assembly and disassembly, and high production efficiency

Minimal Heat Loss
02

The lifting blades and stainless steel insulation of the drying cylinder have been continuously optimized to minimize heat loss

Easy Control
03

The operation mode can be switched between auto and manual, and the operator can switch to manual operation at any time

Emission Reduced
04

Water mist, water film, and cyclone dust filtration techniques are applied to achieve excellent entrapping effects of the dust-laden exhaust

Distinctive Batching
05

The cold feeder is equipped with protection grids, underfeeding alarms, auto wall vibrators, and belt scales (optional), and furthermore, the cold aggregate ratio can be automatically controlled

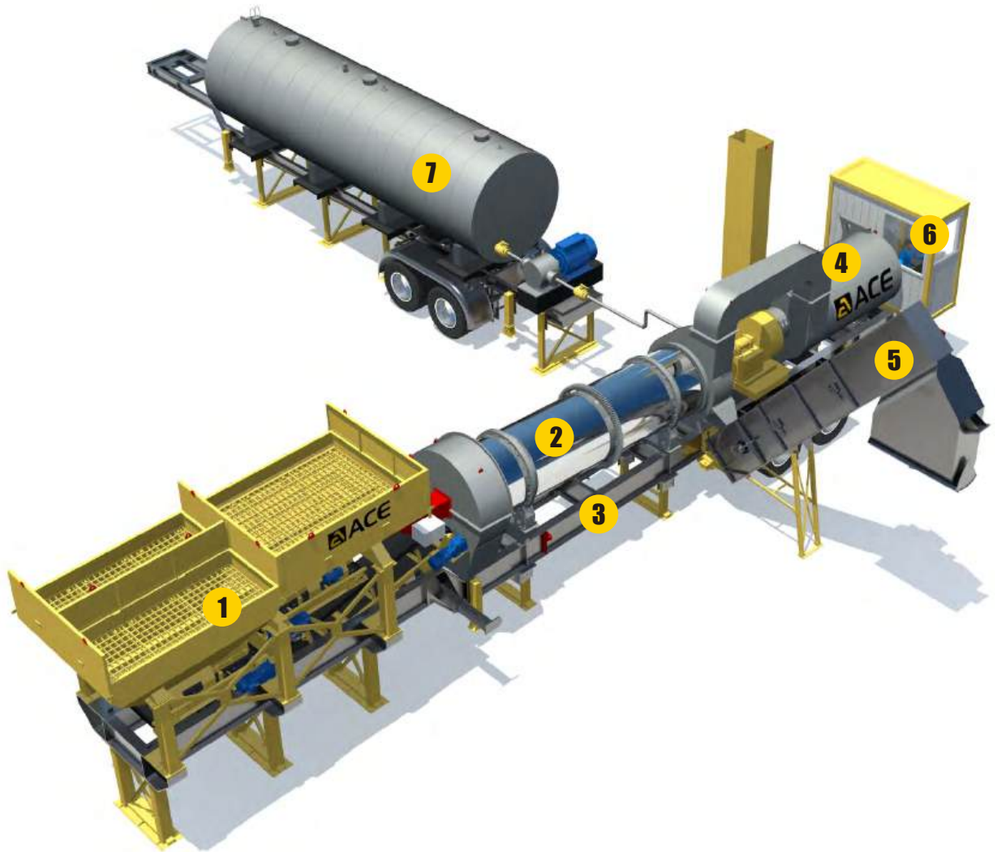
Enhanced Performance
06

The fully enclosed drag chain conveyor can not only avoid heat loss and minimize the contamination, but perform secondary mixing of asphalt mix to make it more uniform

Parameters

Model	CMB40	CMB60	CMB80	CMB100	CMB120
Capacity(t/h)	40	60	80	100	120
Drying&Mixing Drum(mm)	Φ1200×5000	Φ1500×6500	Φ1500×6650	Φ1500×7500	Φ1800×8000
Diesel Consumption(kg/t)	6.5				
Hot Asphalt Temperature(℃)	130-165(Adjustable)				
Air Emissions(mg/Nm³)	≤100				
Installed Power(kW)	63.55	99.5	115	167	226
Total Weight(t)	26	30	40	55	70
Transport Dimension(L×W×H)(m)	17.1×3.09×4	20×3.09×4	23×3.09×4	23×3.09×4	23×3.09×4
Plant Covering Area(L×W×H)(m)	17×37×5.5				

Structure



1 Cold Feeder

2 Parallel-flow Drying Drum

3 Automotive Chassis

4 Dust Collector

5 Drag Conveyor

6 Control Room

7 Bitumen Tank (Optional)

Mobile Asphalt Plant MAP Series

Capacity: 60t/h ~ 160t/h

Mobile | Batch Mix | Easy For Transportation and Installation | Accurate Weighing

MAP series mobile batch mix asphalt plants are specially designed for small and medium-sized pavement project which need frequent relocation. While they share the advantages of BAP series, they feature moveable chassis, and can be mobilized in a very short time. Entire plant can be dismantled and reinstalled in 7 days.

Highlights

Fast Relocation 01

Modular design; main modules are equipped with trailers and chassis; fast and convenient for relocation

High-quality Output 02

Precise screening, accurate measurement and batch mixing are the reasons of quality asphalt output

Highly Applicable 03

Compact design, small footprint and minimal foundation required, so it can be installed in confined areas

Dependable 04

Optimized drying drum and mixer own better performance; key parts made of anti-wear and sturdy material enjoy longer service life

Easy to Control 05

Intelligent control by PLC system; auto, manual and semi-auto operation modes are available; multilingual control software

Versatile 06

Additives such as dye pigment, fibres and foam can be added during production as required

Parameters

Model		MAP60	MAP80	MAP120	MAP160
Capacity		60t/h	80t/h	120t/h	160t/h
Mixer Capacity		700kg/batch	1000kg/batch	1500kg/batch	2000kg/batch
Fuel Consumption		≤6.5kg/t (Fuel Oil)			
Weighing Accuracy		Hot aggregate:±0.5%; bitumen:±0.3%; filler:±0.2%			
Finished Asphalt Temperature		130°C-160°C(Adjustable)			
Dust Emission		≤ 20 mg/Nm³			
Working Noise		≤ 70 db(A)			
Operation Mode		Full Automatic/Half Automatic/Manual			
Installed Power		157kW	241kW	330kW	412kW
Voltage		220V/380V-50Hz (As Desired)			
Plant Covering Area	Length	35m	40m	40m	42m
	Width	26m	28m	32m	32m
	Height	15m	15m	16m	16m

Ease of Relocation

Mixing Tower in Transit

Drying Drum in Transit

Dust Collector in Transit

Cold Feeders in Transit

Asphalt Drum Mix Plant DAP Series

Capacity: 20t/h ~ 160t/h

Stationary | Drum Mix | Transportation Optimized | High Production Efficiency

DAP series continuous drum mix asphalt plants are smaller both in size and capacity, mainly applied to produce asphalt concrete for small and medium sized road pavement and rehabilitation. In addition, mobile chassis can be added on the main modules, making DAP asphalt plants portable and ease of relocation.

Highlights

Small Footprint
01
Smaller size and compacter structure enable it to be assembled in a narrow or confined area

Ease of Movement
02
Quite convenient for transportation and installation due to it having no mixing tower

Accurate Feeding
03
Aggregate supply can be precisely controlled because of load cells and variable frequency motors mounted on cold feeder

Powerful Dryer
04
Drying drum has functions of heating, drying and mixing; optimized inner structure and external thermal insulation enable fast heating and thorough mixing

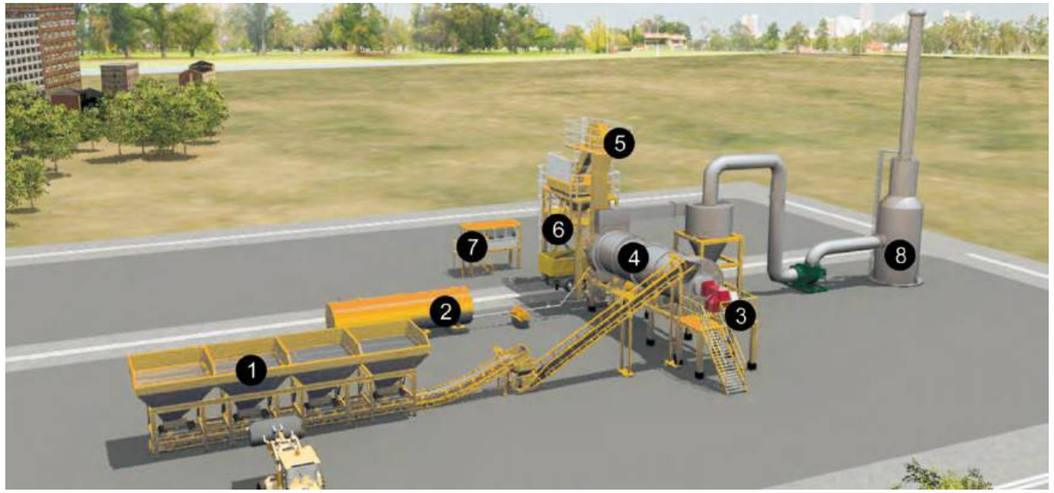
User-friendly
05
Easier for operation and maintenance

Affordable
06
Low initial investment and highly cost effective

Parameters

Model	Production Capacity	Aggregate Feeder	Hot Storage Bin	Total Power	Fuel Consumption		Measurement Accuracy
					Diesel	Coal	
DAP20	20t/h	3.5m³ ×3	2.5m³	55kW	5.5-7 kg/t	10kg/t	Aggregate: ±1.5% Bitumen: ±1%
DAP40	40t/h	4m³ ×3	2.5m³	89kW	5.5-7 kg/t	10kg/t	
DAP60	60t/h	4m³ ×4	3.5m³	111kW	5.5-7 kg/t	10kg/t	
DAP80	80t/h	6m³ ×4	4.5m³	142kW	5.5-7 kg/t	10kg/t	
DAP100	100t/h	6.5m³ ×4	5.5m³	167kW	5.5-7 kg/t	10kg/t	
DAP120	120t/h	8m³ ×4	5.5m³	237kW	5.5-7kg/t	10kg/t	
DAP160	160t/h	8m³ ×4	5.5m³	295kW	5.5-7kg/t	10kg/t	

Structure



1 Cold Aggregate Feeder

2 Bitumen Tank

3 Burner

4 Drying & Mixing Drum

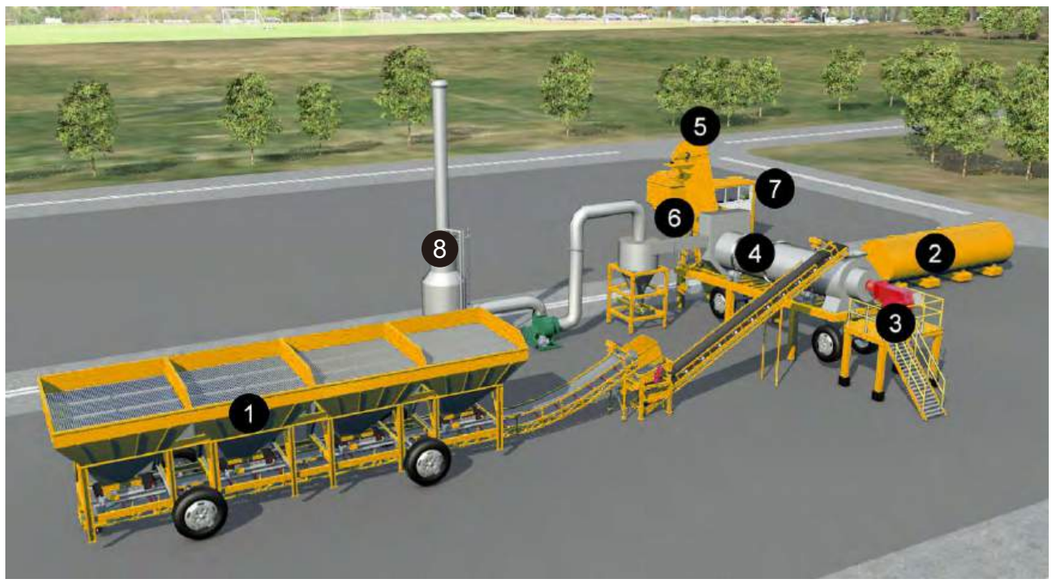
5 Hot Asphalt Elevator

6 Hot Asphalt Silo

7 Control Cabin

8 Water Dust Filter

DAP-M Structure



1 Cold Aggregate Feeding System

2 Bitumen Tank

3 Burner

4 Drying and Mixing Drum

5 Finished Asphalt Elevator

6 Finished Asphalt Silo

7 Control Room

8 Water Dust Collector

Compact Asphalt Batch Mix Plant CAP Series

Capacity: 10t/h ~ 80t/h

Small Capacity | Mobile | Batch Mix | No Mixing Tower | Less Land Occupation

CAP Series is a compact or mini batch mix asphalt plant with production capacity of 10~80t/h. Compared with BAP series, CAP series asphalt plants have no mixing tower, what'more, drying drum and mixer are all integrated on one skid, thus a CAP asphalt plant is quite easy for installation and relocation. Chassis can be added to make it mobile.

Highlights

Great Output 01

Mixing system is consisting of 2 drying drums and 1 mixer, high efficiency; batch mixing brings about quality finished asphalt

Accuracy Secured 02

Filler, aggregate and bitumen are weighed by tension scale, ensuring precise weighing and batching

User-friendly 03

PLC system with control panel; operation modes switchable between manual and automatic, ease of operation

Flexible 04

Mobile chassis can be added onto main components if required, so as to increase it mobility

Special Design 05

Drying drum and mixer are integrated on one skid, convenient for installation and maintenance

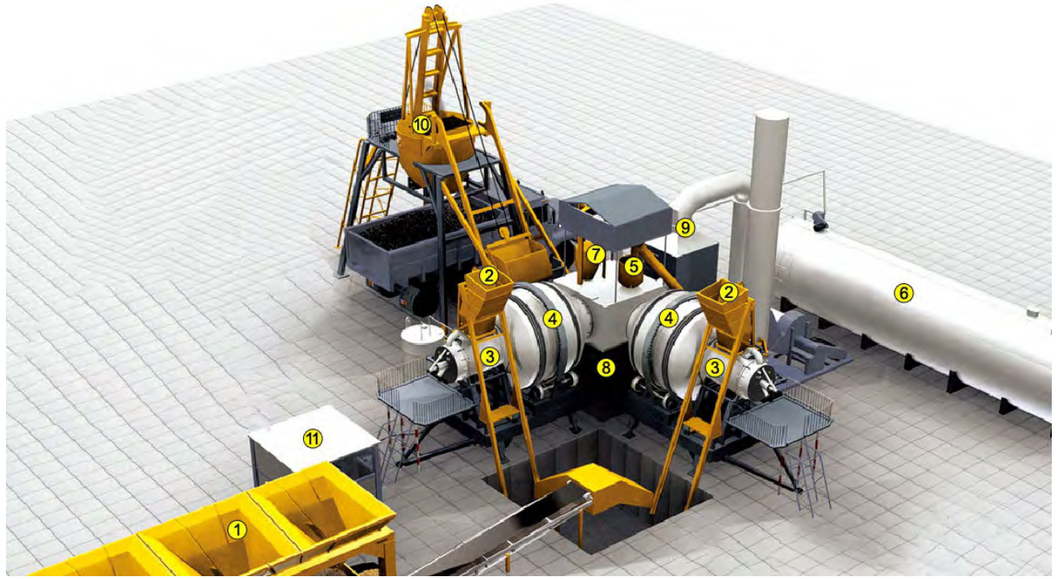
Less Costly 06

Compact and simple structure, less land occupation; low initial investment, highly cost-effective

Parameters

Model		CAP10	CAP15	CAP20	CAP30	CAP40	CAP60	CAP80
Capacity		10t/h	15t/h	20t/h	30t/h	40t/h	60t/h	80t/h
Overall Power	Diesel Burner	41.5kW	54kW	63.5kW	104.5kW	125kW	157.5kW	200kW
	Coal Burner	57.5kW	75kW	86.5kW	127.5kW	169kW	205kW	276kW
Aggregate Feeder		2.3m³×3	2.3m³×3	2.3m³×3	5m³×3	5m³×3	5m³×3	5m³×4
Finished Asphalt Storage Bin		2t	5t	5t	9t	9t	9t	20t
Asphalt Temperature		120-180 ℃ (Adjustable)						
Fuel Consumption		Diesel: 5-7.5 kg/t; Coal: 13-15 kg/t						
Optional Components		Water dust collector, Baghouse dust collector, Control room, Bitumen heating tank						

Structure



1 Cold Feeder

2 Aggregate Elevator

3 Burner

4 Drying Drum

5 Filler Screw Conveyor

6 Bitumen Tank

7 Bitumen Weighing System

8 Mixer

9 Cyclone Dust Filter

10 Finished Asphalt Hopper

11 Control Room

Asphalt Recycling Plant RAP Series

RAP Process Capacity: 60t/h ~ 160t/h
RAP Proportion: 30% ~ 50%

Stationary | Batch Mix | Saving Fuel and Aggregate | RAP Proportion Up To 50%

RAP Series asphalt batch mixing plants are equipped with reclaimed asphalt pavement recycling device and has outstanding improvements in weighing accuracy, productivity, material and fuel conservation and pollutant elimination, fit for road construction projects that has special requirements for asphalt quality, pollution control and operation costs control.

Highlights

Beneficial To Environment
01
Reusing waste asphalt pavement that could pollute soil and water helps to protect the environment

Fuel-saving
02
High performance burner to ensure full combustion; hot air is recycled before exhausting, improving heat utilization rate

Exhausted Gas Recycled
03
Asphalt fumes and harmful gas get recycled into drying drum and burn again, reducing harmful fume emission

Good Dust Filting Effect
04
Multi-stage dust collecting system can reduce dust emission

RAP Aging & Adhesion Prevented
05
Fully automatic control can bring the recycled material to the ideal temperature while preventing RAP from sticking to the interior wall of the dryer and the aging and burning of asphalt in RAP

50%
Material Cost Reduced Greatly
06
Recycled asphalt proportion can reach up to 50%, saving original materials used, as well as cost

Parameters

Model	Asphalt Recycling Capacity	Fuel Consumption	Installed Power (Processing Unit)	Weighing Accuracy
RAP60	60TPH	Coal: 13~15kg/t; Diesel: 6~8kg/t	130kW	Dynamic: Recycled Asphalt < 1% Static: Recycled Asphalt ±0.5%
RAP80	80TPH	Coal: 13~15kg/t; Diesel: 6~8kg/t	170kW	
RAP120	120TPH	Coal: 13~15kg/t; Diesel: 6~8kg/t	230kW	
RAP160	160TPH	Coal: 13~15kg/t; Diesel: 6~8kg/t	280kW	

1. Reclaimed Asphalt Elevator

Modular design, easy to install and transport; chain bucket structure are utilized, safe, reliable and efficient.

2. Recycling Drying Drum

The parallel flow heating method is adopted to improve the utilization rate of heat energy and avoid the adhesion of recycled materials. Exhaust gas temperature is strictly monitored to prevent asphalt aging.

3. Hot RAP Storage Bin

Circular structure design is applied to avoid the accumulation of recycled materials; external insulation is employed to avoid the adhesion of recycled materials.

4. RAP Weighing Hopper

Three-point cantilever beam weighing structure; Insulation layer is covered to avoid the bonding of RAP. The secondary tracking measurement is used to avoid secondary extrusion of asphalt, and it can also ensure that the measured asphalt is completely discharged into the mixer to ensure bitumen stone ratio.

5. Air Duct For Recycling

Through the air duct, one part of the flue gas enters the recycling dryer for combustion, the other part enters the original dryer for secondary combustion, which not only makes full use of heat energy, but burns the asphalt fume fully to reduce pollution

LIST AND COMPARISON OF ASPHALT PLANTS

Model		BAP Series	MAP Series	CAP Series	DAP Series	IAP Series	RAP Series
Capacity		60~400t/h	60~160t/h	10~80t/h	20~160t/h	40~120t/h	60~160t/h
Mixing method		Batch Mix	Batch Mix	Batch Mix	Drurn Mix	Drum Mix	Batch Mix
Stationary / Mobile		Stationary	Mobile	Mobile	Stationary	Supermobile	Stationary
Accurate screening (Yes / No)		√	√	N/A	N/A	N/A	N/A
Precise weighing (Yes / No)		√	√	√	N/A	N/A	√
Filler / additive feeding (Yes / No)		√	√	√	N/A	N/A	√
Mixing tower (Yes / No)		√	√	N/A	N/A	N/A	√
Weighing accuracy	Aggregate	±0.5%	±0.5%	±1.5%	±1.5%	Optional	<1%/±0.5%
	Filler	±0.25%	±0.2%	±0.5%	±1%	N/A	<1%/±0.25%
	Bitumen	±0.25%	±0.3%	±0.25%	±1%	Optional	<0.8%/±0.25%
First stage dust collector	Gravitational dust collector	√	√	N/A	N/A	N/A	N/A
	Cyclone dust collector	Optional	N/A	√	√	N/A	√
Second stage dust collector	Bag house dust collector (dust emission≤20 mg/Nm³)	√	√	Optional	Optional	√	Optional
	Water dust collector (dust emission≤100 mg/Nm³)	Optional	N/A	√	√	Optional	√
Fit for road grade	Highway and trunk road	√	√	N/A	N/A	N/A	N/A
	Subtrunk road	√	√	√	√	√	√
	Country and local road	√	√	√	√	√	√
	Road maintenance	√	√	√	√	√	√

Concrete Mixing Plant HCP Series

Capacity: 25m³/h ~ 150m³/h

Vibration Mixer

Homogeneous Mixing Performance

Various Ultra-high Quality Concrete Output

HCP series concrete mixing plants are designed to manufacture plastic concrete, dry hard concrete, etc. The ordinary mixers can be replaced by our patented vibration mixers If required, which ingeniously use synchronously the force of mixing and vibration to shatter the cement completely and distribute it uniformly, largely improving concrete strength, interface adhesion, and workability.

Highlights

Reliable Performance

01

The aggregate lifting appliance adopts frequency control; the planetary gear driving system is able to keep the gimbals and transmission shaft rotating at the same speed

Highly Endurable

02

High rigidity and high tenacity wearable alloy steel is applied to the scale board and mixing blades, longer service life

Accurate Measurement

03

Electric weighing features a shock absorber, automatic compensation, and high accuracy, enabling high-quality concrete output

Multi-functional

04

Many functions like overvoltage warning, low oil level warning, and alike, make the equipment safer and more reliable to operate

50%

Unparalleled Output

05

Using cutting-edge vibration mixer, the strength of concrete can be improved by 8%, mixing batch circle reduced by 20%, and concrete structure durability increased by 50%

Free of Trouble

06

Vibration mixer avoids cement sticking to mixer arms and shafts, reducing the trouble of manual cleaning

Parameters

Model	HCP25	HCP50	HCP60	HCP90	HCP120	HCP150
Capacity	25m³/h	50m³/h	60m³/h	90m³/h	120m³/h	150m³/h
Mixer Volume	0.5m³	1m³	1m³	1.5m³	2m³	3m³
Additive Feeder Capacity	1×50t	2×100t	2×100t	2×100t	4×100t	4×100t
Discharge Height	3,800mm	4,000mm	4,200mm	4,200mm	4,200mm	4,200mm
Aggregate Feeder Capacity	2×4m³	3×4m³	4×6m³	4×12m³	4×15m³	4×25m³
Max. Aggregate Size	40/60mm	60/80mm	80mm	80mm	80mm	80mm
Aggregate Weighing Precision	±2%	±2%	±2%	±2%	±2%	±2%
Cement Weighing Precision	±1%					
Fly Ash Weighing Precision	±1%					
Water Weighing Precision	±1%					
Additive Weighing Precision	±1%					
Installed Power	96kW	120kW	180kW	200kW	250kW	340kW

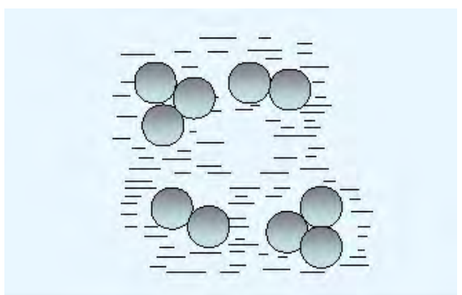
Vibration Concrete Mixer

Capacity: 60m³/h ~ 300m³/h

Better Hydration | Microscopic Homogeneity | Higher Strength Concrete

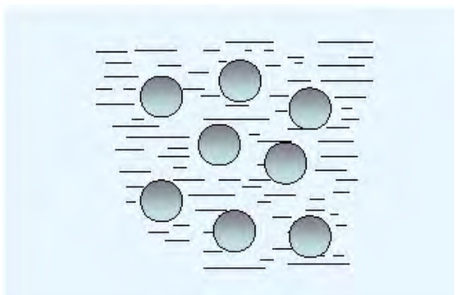
The vibration mixer, in brief, adds sources of vibration to the shaft and paddles. Under the force of compulsory mixing and vibrating, particles of materials in the mixer move faster and collide more times with each other, resulting in more uniform particle distribution, and greatly improved concrete strength, interface adhesion, and workability.

Traditional Mixing



Agglomeration of Cement Particles

Vibration Mixing



Uniform Distribution of Cement Particles

Remarkable Performance

5%
Cement and Additives Consumption Saved

8%
Strength of Concrete Improved

20%
Mixing Batch Circle Time Reduced

50%
Concrete Structure Durability Increased

Traditional Mixing VS Vibration Mixing

Traditional Twin-Shaft Mixer	Mixer Type	Vibration Mixer
Standard	Homogeneity	Improved, Less Dispersion Coefficient
Interface bonding strength are weak; concrete strength is OK.	Interface and Strength	Interface bonding strength are enhanced; concrete strength is increased by 8%
About 10%~30% cement powder not hydrate with water, forming agglomeration	Cement Utilization Rate	Cement powder fully hydrate with water and evenly distributed, cement utilization rate is improved
Air content of concrete is about 1.8%; air voids are big and of irregular shape	Air Voids	Air voids are spherical shape and smaller in size
Meet the basic requirement	Concrete Workability	Better adhesion and workability, free of bleeding and segregation
Produce common concrete	Application Range	Produce common concrete and SFRC, UHPC, RCC, CA and other special concrete

Vibration Mixing Wet Mix Macadam Plant WMP Series

Capacity: 25m³/h ~ 120m³/h

Super Mobility | Rapid Assemble | Ease of Use

The WMP series wet mix macadam plants are a new type of cutting-edge road construction equipment. Equipped with vibration mixers, they are mainly used to produce a variety of top-rated stabilized soil base materials for road base course construction, such as cement-stabilized soil, lime-stabilized soil, and gravel-stabilized soil. Portable stabilized oil plants are available for your option.

Highlights

Advanced Vibration Mixer
01

Equipped with our patented vibration mixer, which can thoroughly shatter agglomeration of cement, aggregate and soil, homogenize all materials, and prevent the final mixture from segregation

Full Hydration Achieved
02

Vibration mixing make cement fully hydrate with water. Cement hydrate and fine aggregate wrap around the coarse aggregate, creating a stable structure that helps extend road service time

Higher-strength Output
03

Under the same recipe, strength of WMM mixtures under vibration mixing is 20% higher than common twin-shaft mixer. High-strength WMM helps to enhance base layer and reduce cracks on pavement

Consumption Reduced
04

Using the vibration mixer, the utilization rate of cement, additives and other material is higher. On the premise of the same quality and performance, it is able to reduce cement consumption by 8%

Two Mixers Optional
05

WMM plant with two vibration mixers working together can be chosen. It's capable of mixing the ingredients twice in a short time, creating a high or ultra-high-performance final mixture for highways, airport runways, racetracks, etc

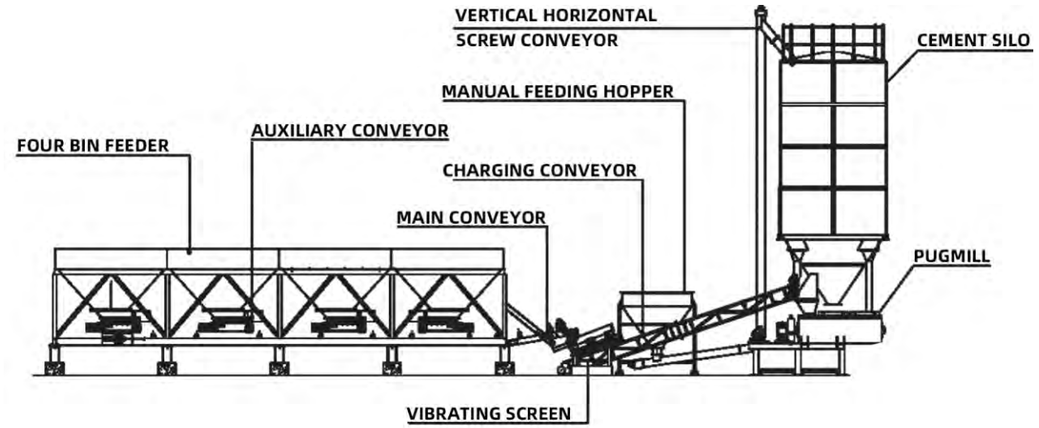
WMM Quality Ensured
06

“Click to supplement” patent technology is adopted to ensure the dynamic weighing accuracy reaches ±1%; The patented pneumatic conveying unit can avoid bad quality concrete output due to the inappropriate admixture amounts

Parameters

Model	WMP200	WMP300	WMP400	WMP500	WMP600
Capacity	200t/h	300t/h	400t/h	500t/h	600t/h
Powder Bin	50t	50t	50t	100t	100t
Finished Storage Bin	4m³	4m³	7m³	7m³	7m³
Diameter of Aggregate	≦45mm	≦45mm	≦45mm	≦60mm	≦60mm
Proportioning Kinds	3	3	4	4	5
Aggregate Measurement Accuracy	±3%	±3%	±1%	±1%	±1%
Cement Measurement Accuracy	±1.5%	±1.5%	±1%	±1%	±1%
Water Measurement Accuracy	±1.5%	±1.5%	±1%	±1%	±1%
Total Power	71kW	88kW	120kW	140kW	148kW

Structure



Successful Cases