



Max Pave Your Path to Success

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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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# Snapshot of ACE Group

Asian Construction Equipment Group Co., Ltd. (ACE Group) is a high-tech enterprise focused on full-lifecycle road and bridge construction equipment and integrated solutions. With over a decade in infrastructure machinery, ACE specializes in asphalt mixing plants, mobile asphalt stations, excavators, and crushing-screening systems, serving the whole chain from waste recycling and material production to paving and maintenance.

Backed by 90+ national patents, 20+ international certifications, and partnerships with Siemens, Schneider, and SKF, ACE runs multiple production bases in Xuchang, Jiujiang and Changzhou and has delivered 5,000+ projects across 90+ countries. Guided by a full-lifecycle service philosophy and 24/7 global support, ACE provides turnkey equipment and customized solutions for smarter, greener infrastructure under the Belt and Road framework.



Authority  
Certification

30+  
Credentials

90+  
Patents



Why ACE Group



20+ Years Of Asphalt Plant Manufacturing History



More Than 80 Models Of Asphalt Plants Available



50+ Core Patented Technologies On Asphalt Plants



500+ Sets of Asphalt Plants Have Been Exported



90+ Countries Have The Presence Of Our Asphalt Plants



Considerate Sales Services, Guaranteed After-Sale Response



Brand Cooperation



# 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

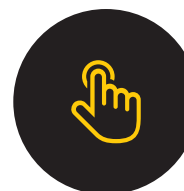
Filler and additives such as dye pigment, fibers, and foam can be fed into the mixer to produce finished asphalt in different recipes and colors



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/Nm<sup>3</sup>

# Parameters

| Model  | Production Capacity | Mixer Capacity | Total Power | Fuel Consumption |        | Measurement Accuracy                                  | Asphalt Temperature        |
|--------|---------------------|----------------|-------------|------------------|--------|-------------------------------------------------------|----------------------------|
|        |                     |                |             | Diesel           | Coal   |                                                       |                            |
| BAP60  | 60t/h               | 750kg          | 178kW       | 5.5-7kg/t        | 10kg/t | Aggregate: ±0.5%<br>Filler: ±0.25%<br>Bitumen: ±0.25% | 130°C - 200°C (Adjustable) |
| BAP80  | 80t/h               | 1000kg         | 285kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP100 | 100t/h              | 1200kg         | 316kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP120 | 120t/h              | 1500kg         | 380kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP160 | 160t/h              | 2000kg         | 470kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP200 | 200t/h              | 2500kg         | 547kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP240 | 240t/h              | 3000kg         | 700kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP320 | 320t/h              | 4000kg         | 870kW       | 5.5-7kg/t        | 10kg/t |                                                       |                            |
| BAP400 | 400t/h              | 5000kg         | 960kW       | 5.5-7kg/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. 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/Nm³.



## PLC Control System

Equipped with the commercial computer; control mode can be switched among 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.



# 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 Filtering Effect**  
**04**

Multi-stage dust collecting system can reduce dust



**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



**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;<br>Diesel: 6~8kg/t | 130kW                             | Dynamic: Recycled Asphalt < 1%<br><br>Static: Recycled Asphalt ±0.5% |
| RAP80  | 80TPH                      | Coal: 13~15kg/t;<br>Diesel: 6~8kg/t | 170kW                             |                                                                      |
| RAP120 | 120TPH                     | Coal: 13~15kg/t;<br>Diesel: 6~8kg/t | 230kW                             |                                                                      |
| RAP160 | 160TPH                     | Coal: 13~15kg/t;<br>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



## Super-mobile Asphal Plant IAP Series

**Capacity: 40t/h ~ 120t/h**

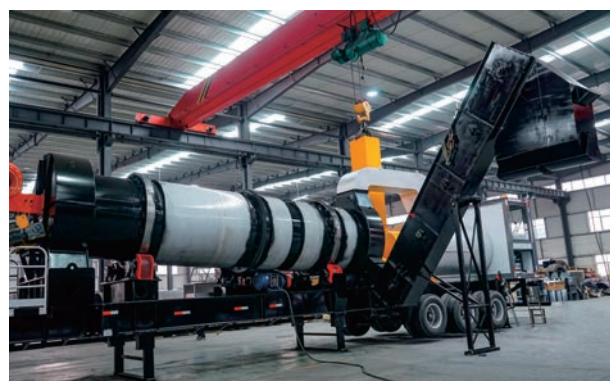
Continuous Production

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 downtime 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**

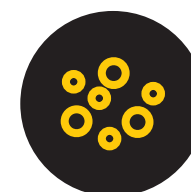
The lifting blades and stainless steel insulation of the drying cylinder have been continuously optimized to minimize heat loss



**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**

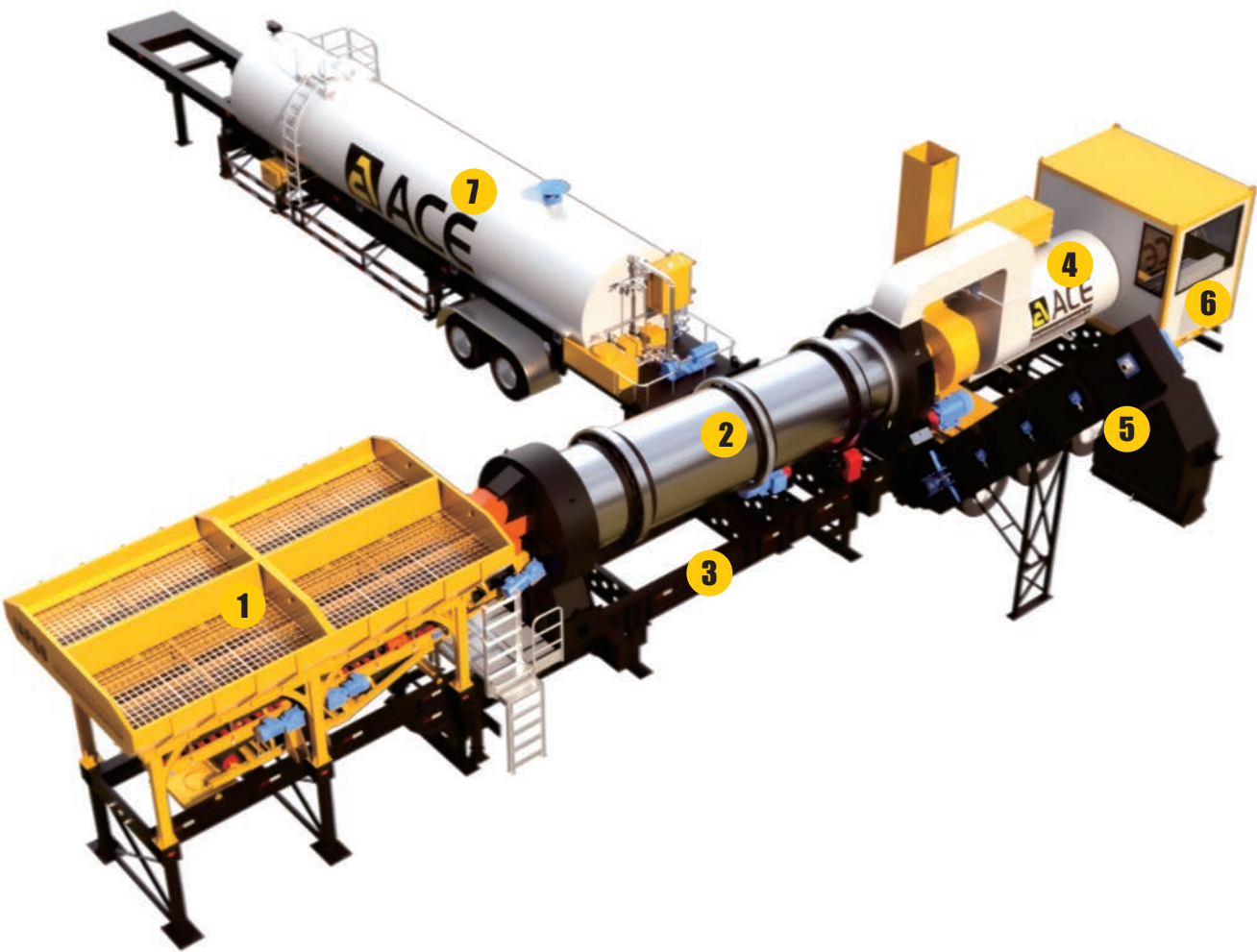
The fully enclosed drag chain conveyor can not only avoid heat loss and minimize the contamination, but perform secondary mixing of asphalt mix to make it more uniform

# Parameters

| Model                         | IAP40                      | IAP60      | IAP80      | IAP100     | IAP120     |
|-------------------------------|----------------------------|------------|------------|------------|------------|
| 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(°C)   | 130°C - 200°C (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)



# Super-mobile Asphalt Plant IAM Series

Capacity: 60t/h ~ 140t/h

- Modular Design
- Drying Double Shaft Mixer
- High Scalability
- Rapid Reassembly

IAM series super mobile asphalt plants feature hypermobility, superior dust filtration, and continuous production capability for high-quality asphalt mixtures. Integrated into one or two mobile units, the plant facilitates quick relocation and reassembly within hours with minimal foundation construction required, making it the ideal choice for long-distance road construction projects.



## Highlights



Unique Modular  
Design  
**01**

The plant uses a unique super-mobile modular design integrated into one or two chassis, facilitating rapid transportation, reducing relocation costs, and drastically simplifying foundation civil engineering.



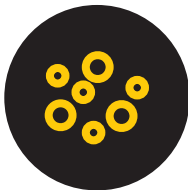
Counterflow  
Drying Drum  
**02**

Equipped with a counterflow drying drum and a raised front smoke box to slow down dusty combustion gases, maximizing thermal efficiency while extending the service life of filter bags.



Twin-Shaft  
Continuous Mixer  
**03**

Features an external twin-shaft continuous mixer that thoroughly agitates aggregate, bitumen, and additives, providing superior mix homogeneity and higher output than internal drum mixing.



High  
Scalability  
**04**

Optional add-on modules include hot recycling, cold recycling, virgin filler feeding, reclaimed filler feeding, and wood fiber feeding. Available in a basic configuration or with any combination of optional modules.



Distinctive  
Batching System  
**05**

Comes standard with 4 cold aggregate silos featuring frequency converter speed control, automatic silo wall vibrators, and optional weighing sensors for ultra-precise aggregate ratios.



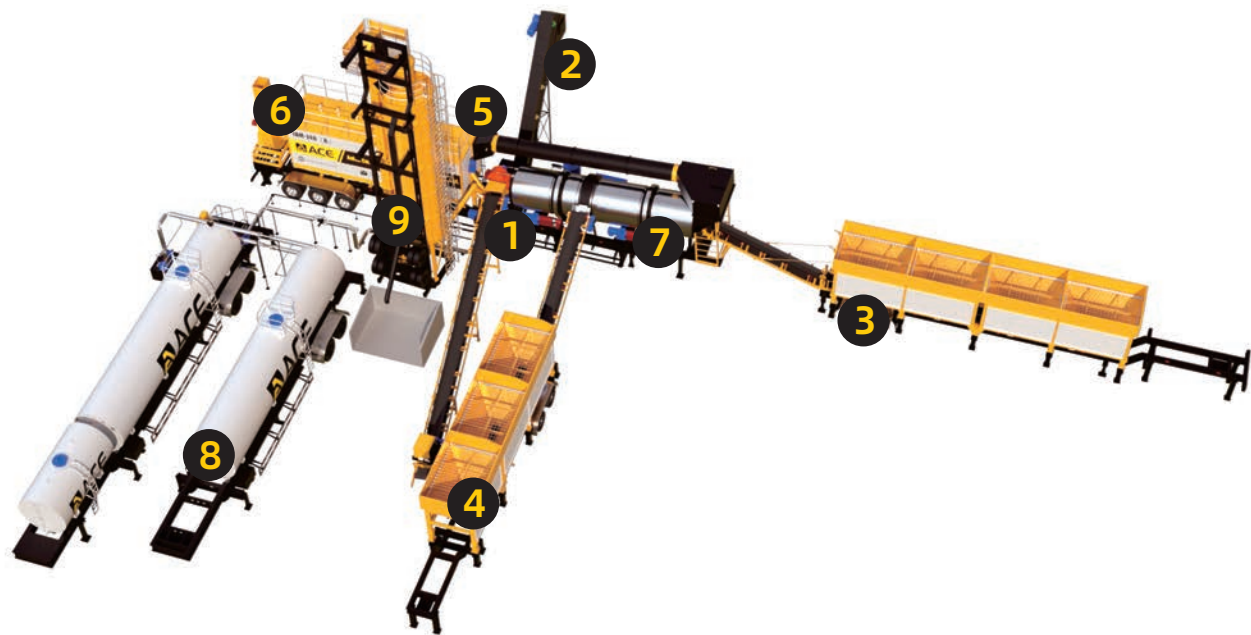
Smart Dual  
Control System  
**06**

Offers seamless switching between automatic and manual modes via a fully computerized system, supporting remote diagnosis and online updates for easy operation and maintenance.

# Parameters

| Parameter                     | IAM-R60 | IAM-R80 | IAM-R100 | IAM-R120 | IAM-R140 | IAM-R160 |
|-------------------------------|---------|---------|----------|----------|----------|----------|
| Total Capacity (t/h)          | 60      | 80      | 100      | 120      | 140      | 160      |
| Virgin Asphalt Capacity (t/h) | 60      | 80      | 100      | 120      | 140      | 160      |
| Recycled Asphalt Capacity     | 24      | 32      | 40       | 48       | 56       | 64       |
| RAP Addition Ratio            | 40%     | 40%     | 40%      | 40%      | 40%      | 40%      |
| Cold Feeder Volume (m³)       | 4×9     | 4×9     | 4×9      | 4×9      | 4×9      | 4×9      |
| RAP Feeder Volume (m³)        | 2×9     | 2×9     | 2×9      | 2×9      | 2×9      | 2×9      |
| Fuel Consumption (kg/t)       | 6.5     | 6.5     | 6.5      | 6.5      | 6.5      | 6.5      |
| Exhaust Emission Standard     | ≤100    | ≤100    | ≤100     | ≤100     | ≤100     | ≤100     |
| Installed Power (kW)          | 215.8   | 243.8   | 261.3    | 297.3    | 336.8    | 386.3    |

## Structure of the IAM-R Series Super Mobile Asphalt Plant



- 1

 Recycling Ring
- 2

 Drag Conveyor
- 3

 Trailer-mounted Cold Feed Bin
- 4

 Trailer-mounted Recycled Aggregate Bin
- 5

 Mixer
- 6

 Baghouse Dust Collector
- 7

 Drying Drum
- 8

 Bitumen Tanker
- 9

 Filler Silo Trailer

## Structure of the IAM Series Super Mobile Asphalt Plant



- 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 projects that require 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



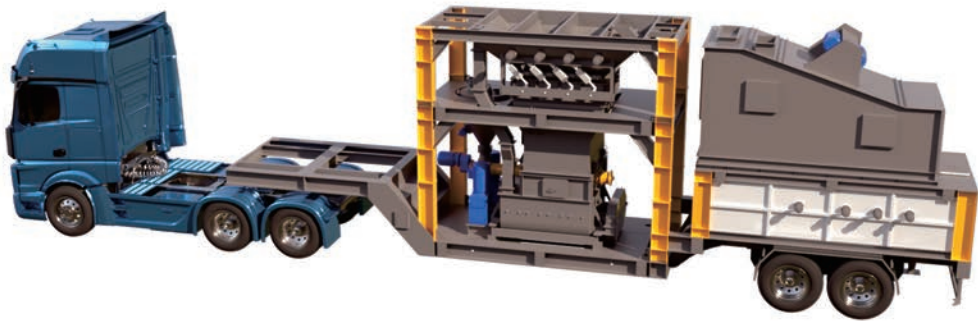
Versatile  
06

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℃ - 200℃ (Adjustable)                         |              |              |              |
| Dust Emission                |        | ≤ 20mg/Nm³                                       |              |              |              |
| Working Noise                |        | ≤ 70db(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



Dust Collector in Transit



Cold Feeders in Transit



Drying Drum 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 more compact structure enable it to fit into tight spaces.



**Ease of Movement**

**02**

Quite convenient for transportation and installation due to its lack of a 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 operation and maintenance



**Affordable**

**06**

Low initial investment and highly cost effective

# Parameters

| Model  | Capacity | Cold Feeder | HMA Bin | Total Power | Fuel Consumption (Diesel) | Fuel Consumption (Coal) | Measurement Accuracy              |
|--------|----------|-------------|---------|-------------|---------------------------|-------------------------|-----------------------------------|
| DAP20  | 20t/h    | 3.5m³×3     | 2.5m³   | 55kW        | 5.5-7kg/t                 | 10kg/t                  | Aggregate: ±1.5%;<br>Bitumen: ±1% |
| DAP40  | 40t/h    | 4m³×3       | 2.5m³   | 89kW        | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP60  | 60t/h    | 4m³×4       | 2.5m³   | 111kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP80  | 80t/h    | 6m³×4       | 2.5m³   | 142kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP100 | 100t/h   | 8m³×4       | 2.5m³   | 167kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP120 | 120t/h   | 8m³×4       | 2.5m³   | 195kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP160 | 160t/h   | 9m³×4       | 2.5m³   | 246kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP200 | 200t/h   | 11m³×4      | 4m³     | 309kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |
| DAP240 | 240t/h   | 11m³×4      | 4m³     | 331kW       | 5.5-7kg/t                 | 10kg/t                  |                                   |

# Structure



- 1

Cold Aggregate Feeder
- 2

Bitumen Tank
- 3

Burner
- 4

Drying & Mixing Drum
- 5

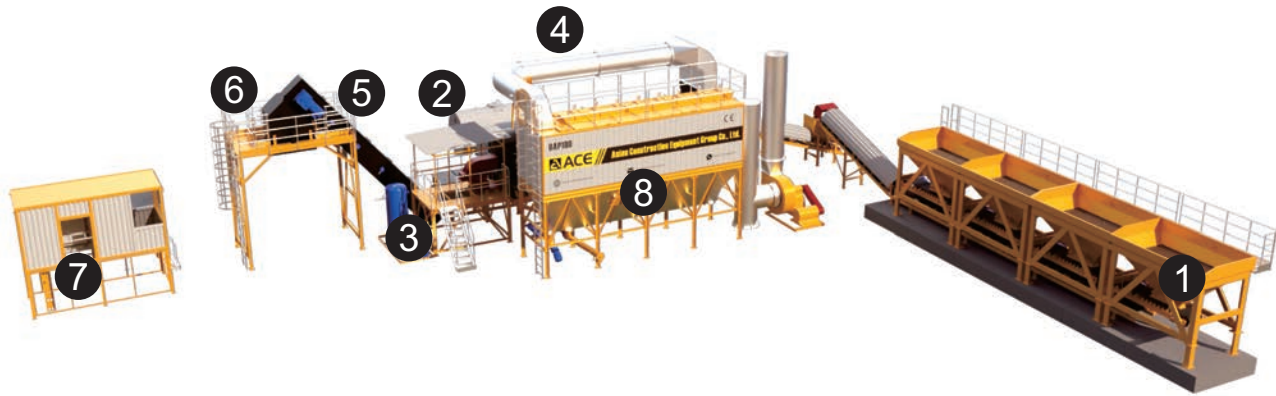
Hot Asphalt Elevator
- 6

Hot Asphalt Silo
- 7

Control Room
- 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's 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



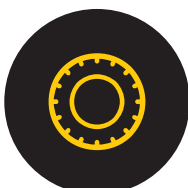
Accuracy Secured  
02

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



Special Design  
05

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



Cost-Effective  
06

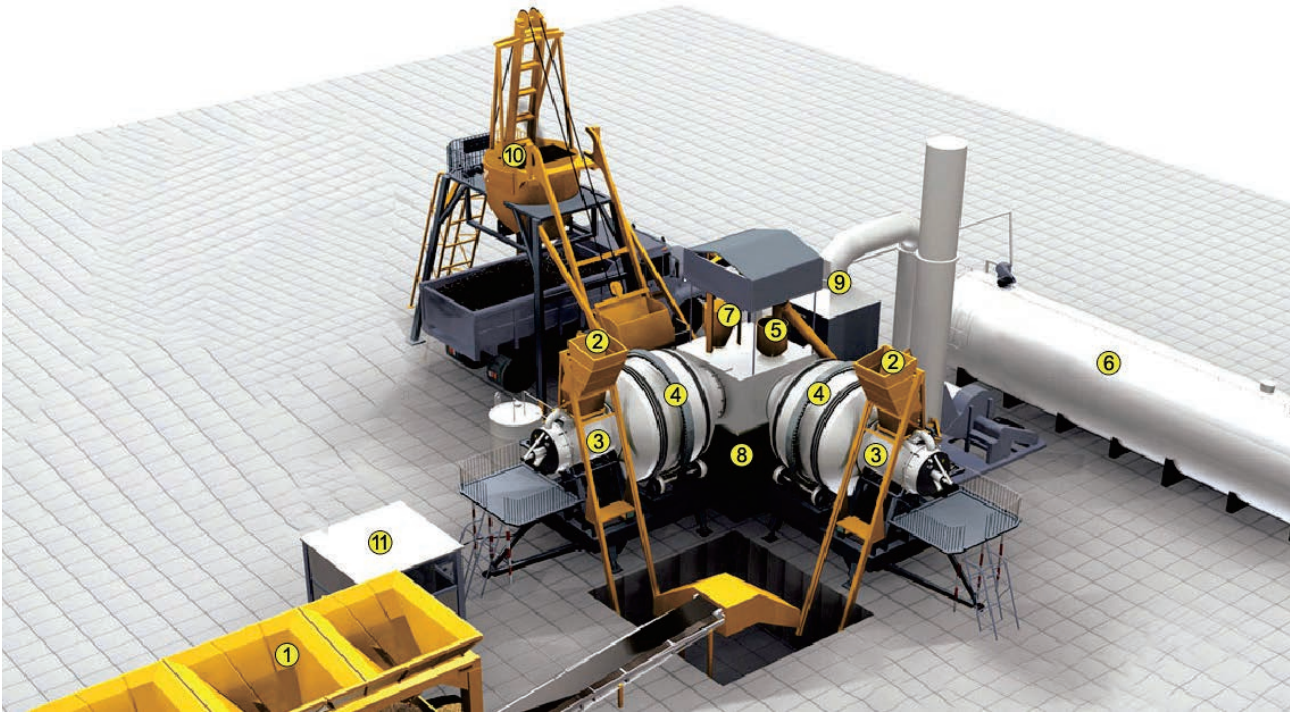
Compact and simple structure, less land occupation; low initial investment, highly cost-effective

# 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          |               | 130°C - 200°C (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



# LIST AND COMPARISON OF ASPHALT PLANTS

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

| IAM Series  | CAP Series | DAP Series | MAP Series |
|-------------|------------|------------|------------|
| 60~120t/h   | 10~80t/h   | 20~160t/h  | 60~160t/h  |
| Continuous  | Batch Mix  | Drum Mix   | Batch Mix  |
| Supermobile | Mobile     | Stationary | Mobile     |
| N/A         | N/A        | N/A        | √          |
| √           | √          | N/A        | √          |
| √           | √          | N/A        | √          |
| N/A         | N/A        | N/A        | √          |
| 2.0%        | ±1.5%      | ±1.5%      | ±0.5%      |
| 2.0%        | ±0.5%      | ±1%        | ±0.2%      |
| 0.5%        | ±0.25%     | ±1%        | ±0.3%      |
| √           | N/A        | N/A        | √          |
| N/A         | √          | √          | N/A        |
| √           | Optional   | Optional   | √          |
| N/A         | √          | √          | N/A        |
| √           | N/A        | N/A        | √          |
| √           | √          | √          | √          |
| √           | √          | √          | √          |
| √           | √          | √          | √          |

# Successful Cases

