

ASPHALT
MIXING PLANT

DASWELL
Dedicated to provide better machinery

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We help to build a better world

ASPHALT MIXING PLANT

Customers First | Dedication | Perseverance



COMPANY
INTRODUCTION

2023



1986

Daswell is a China based high quality machinery supplier. Our company has over 30 years experience. With several producing bases in China, we can provide many kinds of heavy machinery with high quality.

So far, our products are exported to more than 80 countries overseas, such as Germany, USA, Norway, Ireland, Philippines, Indonesia, Egypt and so on. In order to provide better service to customers, we established subsidiary companies and branch offices in different countries, like Philippines, Indonesia, Pakistan, Egypt, Peru, and Uzbekistan.

We are growing mainly by our good reputation year by year, as we always promise to supply high quality products with good service all the time.

Daswell aims to provide better machinery to create more value for customers, and help to build a better world together.

Company History Timelines

The Pursuit of excellence



OFFICE ADDRESS

China offices : No.2 CBD, Zhengzhou New District, Zhengzhou City
Qingzhou city, Shandong Province

Philippines branch company : Henan Daswell Machinery (Philippines) INC. Phase 6 B5L12A
Lot 9 Brookside lane Brgy. San Francisco along Arnaldo, Highway Gen Trias Cavite, the Philippines.

Indonesia branch company : PT. Daswell Indonesia Group
Komplek Pergudangan Green Sedayu Biz Park Cakung Blok GS 9 No. 35, Kel.
Cakung Timur, Kec. Cakung, Jakarta Timur 13910

Pakistan branch company : DASWELL MACHINERY PAKISTAN (PRIVATE) LIMITED
57 HAJVERY COMPLEX, 2-MOZANG ROAD, LAHORE, Lahore Data Gunj Bukhsh Town

Bangladesh branch company : DASWELL MACHINERY BANGLADESH LTD.
F-106, Mohakhali School Road, Dhaka-1212

Egypt office : Elmearaj Elsofly, Cairo Building no 7127 Flat no. 1

Malaysia branch company : DASWELL MACHINERY MALAYSIA SDN. BHD.
VO3-10-23A, SUNWAY VELOCITY DESIGNER OFFICE, LINGKARAN SV, SUNWAY VELOCITY,
JALAN COCHRANE 55100 KUALA LUMPUR W.P.KUALA LUMPUR MALAYSIA

Peru branch company : DASWELL PERU E.I.R.L
Number 651 K Carrer JR. THE TREASURE,URB. TUPAC AMARU, SAN LUIS, LIMA, PERU.

Mexico branch company : DASWELL MEXICO SA DE CV
Rio Guadiana 11, Colonia Cuauhtémoc, Mayor's OfficeCuauhtemoc, Mexico City, Mexico

Uzbekistan branch company : DASWELL LLC
9,Novesergeliyskaya str. Sergeli district, Tashkent city

Russia branch company : Michurinsky prospect, 19, Moscow



Introduction

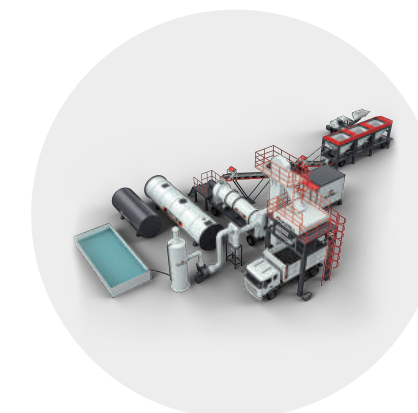
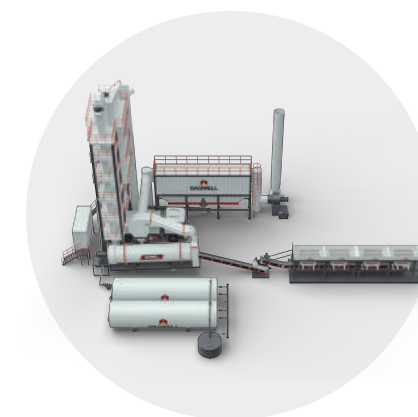
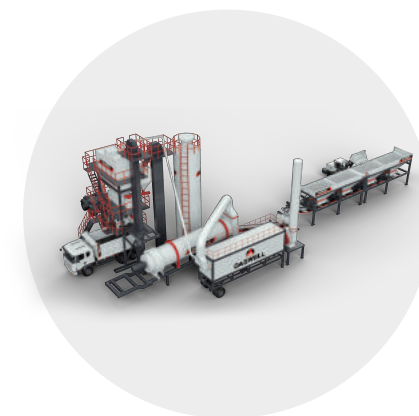
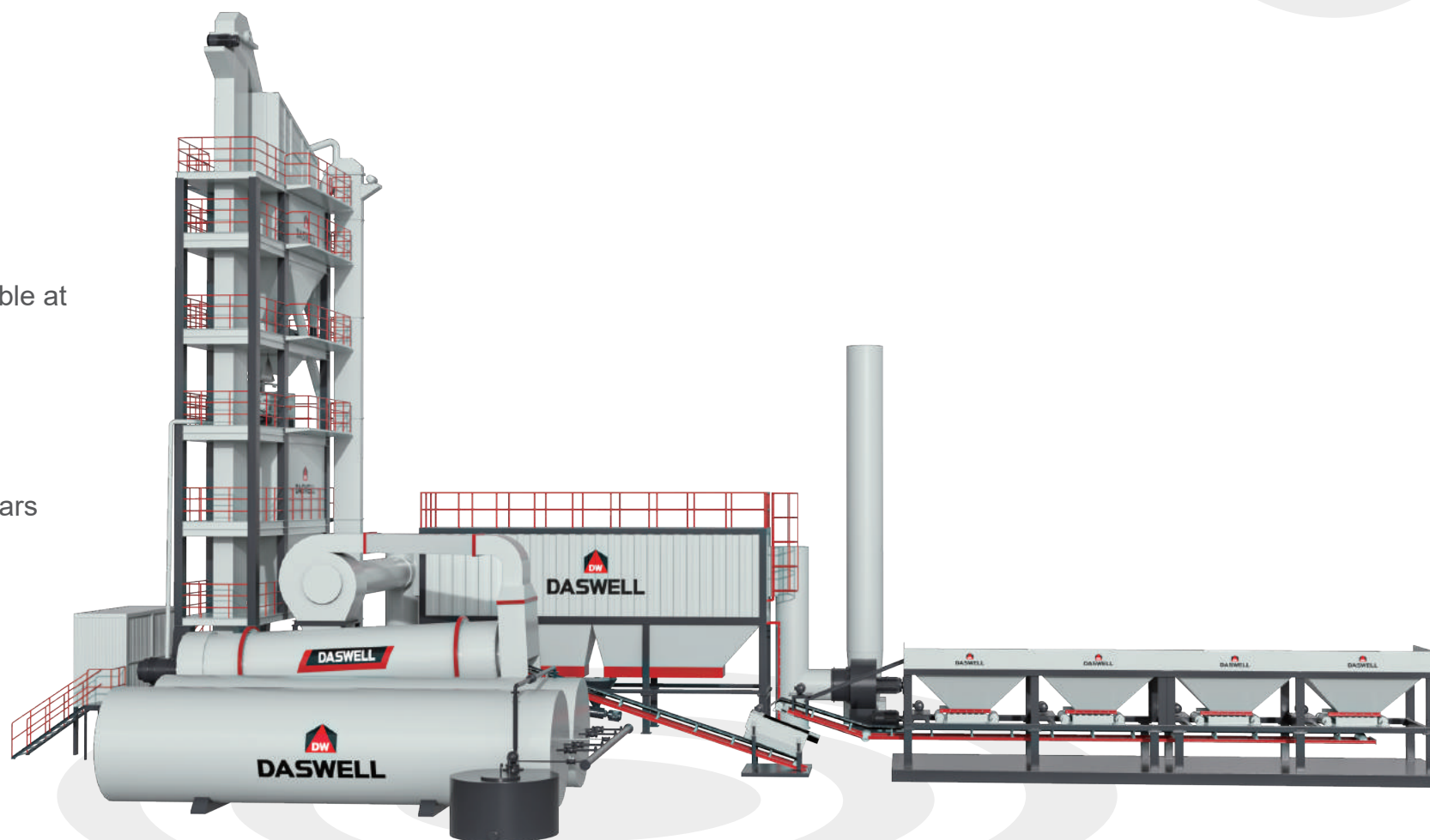
Daswell Asphalt Mixing Plant

Asphalt Mixing Plant is the equipment to produce various asphalt mixtures. It is suitable for producing black mixture for paving asphalt road. It heats the stone, asphalt and mineral powder to a certain temperature, and then mixes them in a certain proportion. It has the advantages of accurate batching, easy control, uniform mixing and good dust removal effect. It is widely used in highway, port, urban construction and other departments to build high-grade highway, freight yard, square and other projects.

8-400_T Production is available at 8-400t optional

10 No. 1 in sales for 10 consecutive years
World-class asphalt plant quality

40⁺ Sold worldwide more than 40 countries



Stationary Asphalt Mixing Plant

Daswell Asphalt Mixing Plant

SAP Series asphalt plant is stationary type, batch mixing, designed to produce high quality asphalt with different proportions and ingredients. SAP Series asphalt plant is mature, reliable and featured by high efficiency, large output and high quality finished asphalt, fit for road construction projects in all grades and scales, especially for large-scale and high-grade road construction project.



Country road



Highway



Airport runway



Urban road

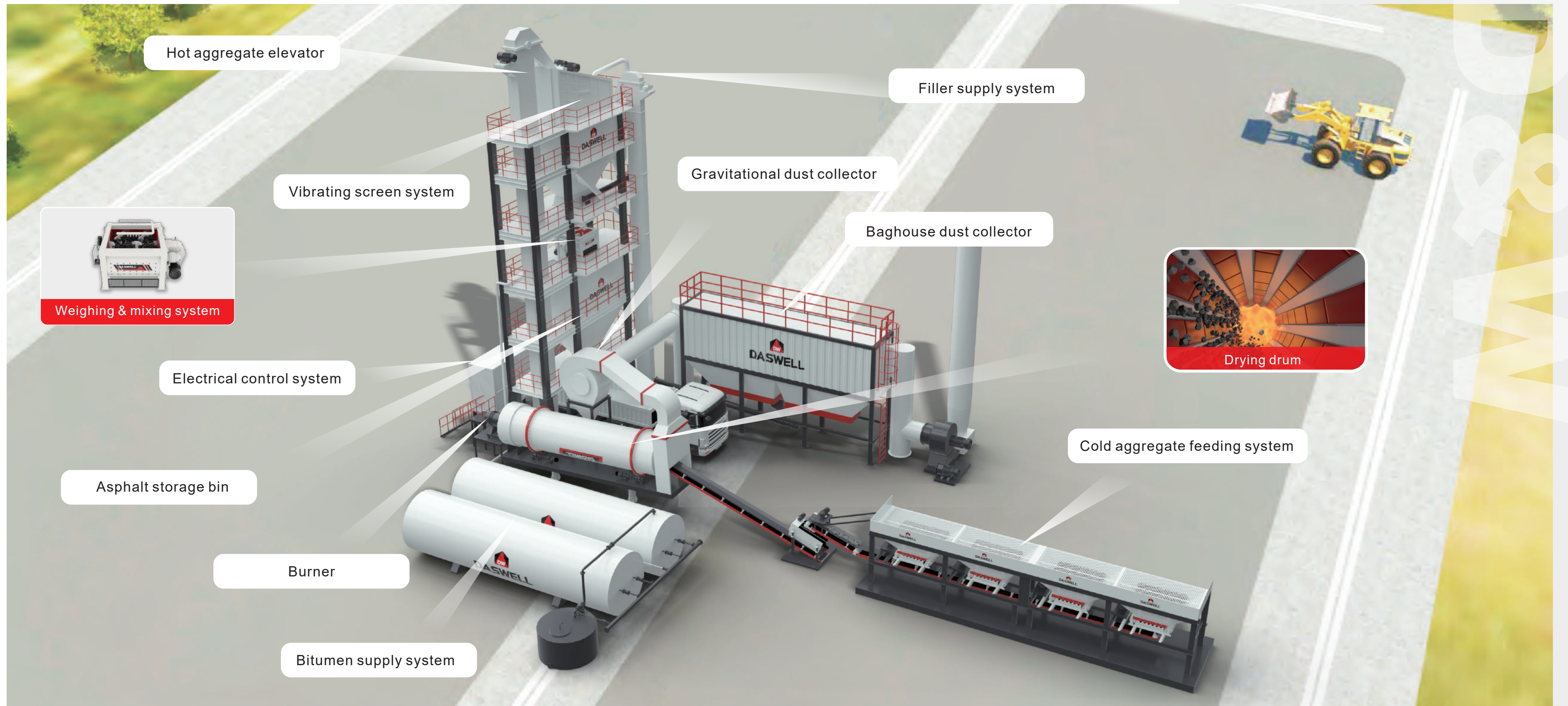


Features

- Modular design; convenient for transportation and installation; fit for worldwide use;
- Precise screening, accurate measurement, batch mixing;
- producing good quality finished asphalt;
- Filler and additives such as dye pigment, fibres and foam can be fed into mixer, producing finished asphalt in different ingredient and color.
- Optimized drying drum structure, thermal insulation layer surface, sufficient heating, and less heat loss;
- Dual-shaft mixer, fast and evenly mixing;
- PLC system, three control modes: manual, semi-auto and auto; easy and flexible to operate;
- Two stage dust collector: gravity dust collector and bag house dust collector; dust emission≤20mg/Nm³.

Model and Parameter

Model	Capacity (standard conditions)	Mixer Capacity	Fuel Consumption (standard condition)		Measurement Accuracy
			Oil	Fuel Coal	
SAP700	60 t/h	750 kg	5.5-7 kg/t	10 kg/t	Aggregate: ±0.5%
SAP1000	80 t/h	1000 kg	5.5-7 kg/t	10 kg/t	
SAP1200	100 t/h	1200 kg	5.5-7 kg/t	10 kg/t	
SAP1500	120 t/h	1500 kg	5.5-7 kg/t	10 kg/t	
SAP2000	160 t/h	2000 kg	5.5-7 kg/t	10 kg/t	Powder: ±0.5%
SAP2500	200 t/h	2500 kg	5.5-7 kg/t	10 kg/t	Bitumen: ±0.25%
SAP3000	240 t/h	3000 kg	5.5-7 kg/t	10 kg/t	
SAP4000	300 t/h	4000 kg	5.5-7 kg/t	10 kg/t	
SAP5000	400 t/h	5000 kg	5.5-7 kg/t	10 kg/t	



Main Components



Feeders are equipped with vibration motor and shortage alarm device, ensuring continuous aggregate supply; protective grille is installed to protect feeder and prevent body injury.



Motors on drying drum adopt central lubricating system; drive devices have protective cover; inner structure is optimized, making drying drum safe and efficient and longer service life; drying drum surface is covered by a thermal insulation layer, less heat loss.



Pulverized coal burner, oil burner, gas burner and oil gas dual fuel burner are available for customer options; all burners are Chinese or world famous brand, efficient and stable.



Two stage dust collecting system: gravitational dust collector + bag house dust collector; better dust removal effect, dust emission is lower than 20mg/Nm³; bag house adopt NOMEX bags, high temperature resistant and durable.

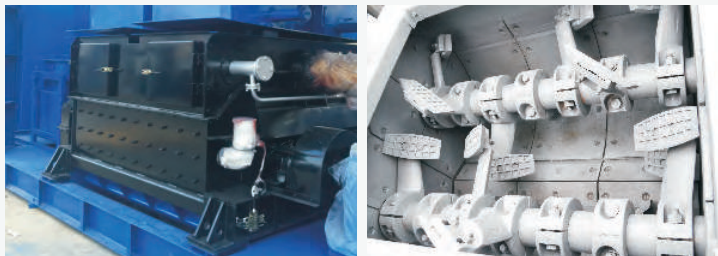
Main Components



Normally, a mixing tower is consists of screening layer, hot aggregate storage layer, weighing layer, mixer layer, finished asphalt storage layer and loading layer; each layer is an individual module, convenient for installation and transportation.



Many kinds of bitumen tanks are available for customer option: horizontal, vertical, direct heating, heat transfer oil heating; heat transfer oil furnace and bitumen discharging tank (convenient for the bitumen pump-in and pump-out).



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



PLC control system, easy to operate; control mode can be switched between manual, auto and semi-auto; commercial computer are equipped and operation softwares support English, French, Russian, Spanish and other languages.

Mobile Drum Asphalt Mixing Plant

Daswell Asphalt Mixing Plant

MADP Series are mobile drum mixing asphalt plant; drying drum has functions of drying and mixing; their output is 20 ~ 100tph, fitting for small and medium-sized road construction project.



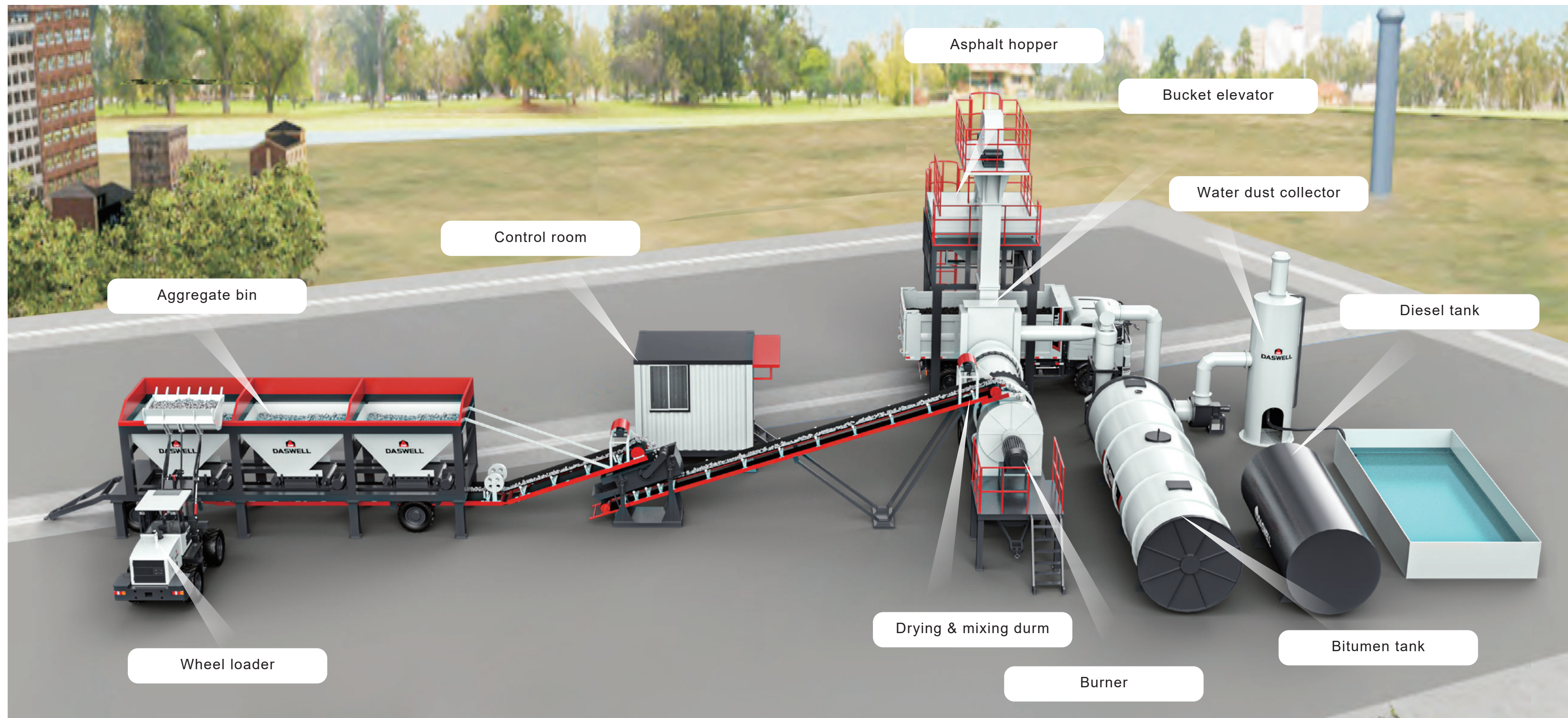
Features

- ◆ Integrated structure, less land occupation;
- ◆ Convenient for transportation and mobilization; MADP series equipped with mobile chassis can be pulled by truck or vehicle;
- ◆ Cold aggregate equips with weight sensor and variable frequency motor; aggregate feeding rate is remote controlled; precise aggregate feeding.
- ◆ Drying drum have functions of drying, heating and mixing, low heat loss; optimized inner structure, fast heating and well mixing;
- ◆ Low initial investment, highly cost-effective.



Model and Parameter

Model	Capacity (t/h)	Weighing Accuracy		Total Power(kW)	Fuel Consumption(kg/t)	
		Aggregate	Bitumen		Coal	Oil
MADP-20	20	± 1.5%	± 1%	40	10	5.5-7
MADP-40	40	± 1.5%	± 1%	75	10-13	5.5-7
MADP-60	60	± 1.5%	± 1%	128	10-13	5.5-7
MADP-80	80	± 1.5%	± 1%	165	10-13	5.5-7
MADP-100	100	± 1.5%	± 1%	200	10-13	5.5-7



Mobile Asphalt Mixing Plant

Daswell Asphalt Mixing Plant

MAPY series is mobile asphalt mixing plant; it has the advantages of SAP series asphalt mixing plant; in addition, it is equipped with chassis and trailer and can be mobilized and relocated in a very short time.MAPY Asphalt Plant is designed for small and medium-sized pavement project which need frequent relocation. Complete plant can be dismantled and reinstalled in 7 days (not including the transportation period).

Show details



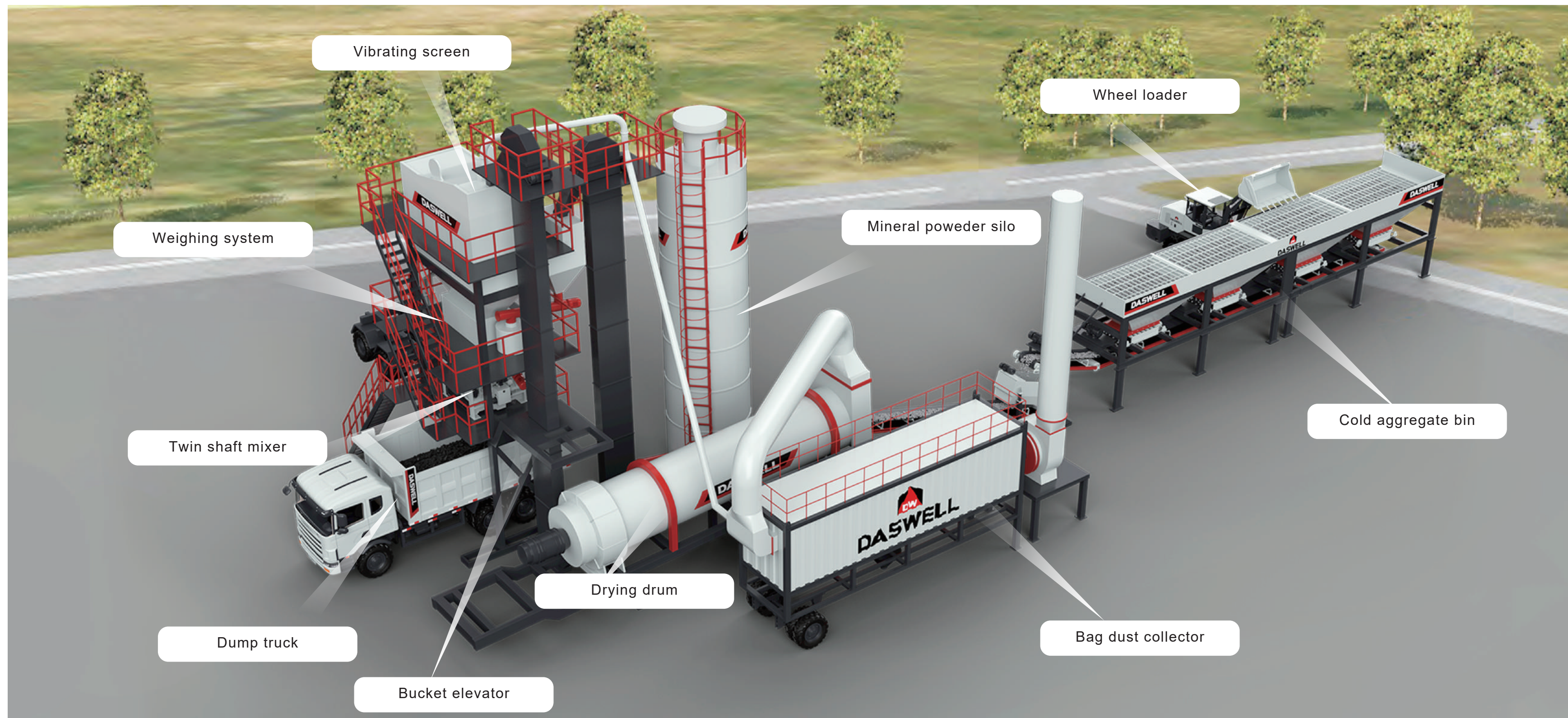
Four main modules: mixing tower, cold aggregate feeder, bag house dust collector and drying drum; each module has mobile chassis and can be pulled by a truck or tractor.

Features

- ◆ Modular design; main modules are equipped with trailers and chassis; fast and convenient for relocation;
- ◆ Precise screening, accurate measurement, batch mixing; producing good quality finished asphalt;
- ◆ Compact design, less land occupation; optional feed for filler and additives such as dye pigment, fibres and foam;
- ◆ Optimized drying drum and mixer, better performance; key parts made of sturdy material, longer service life.
- ◆ PLC system, intelligent control; easy for operation.

Model and Parameter

Model		MAPY-700	MAPY-1000	MAPY-1500	MAPY-2000
Capacity		60t/h	80t/h	120t/h	160t/h
Mixer Capacity (kg/batch)		700	1000	1500	2000
Fuel Consumption		≤ 6.5kg/t (oil fuel)			
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(m)	Length	35	40	40	42
	Width	26	28	32	32
	Height	15	15	16	16



Mobile Asphalt Mixing Plant

Daswell Asphalt Mixing Plant

MASP Series is mobile, small-sized batch mixing asphalt plant with compact structure; output is 10 ~ 80tph, fitting for small and medium-sized road construction project which needs frequent site relocation.

Show details



Features

- ◆ Mixing system is consisting of 2 drying drums and 1 mixer, high efficiency; batch mixing; good finished asphalt;
- ◆ Filler, aggregate and bitumen adopt electronic measurement, high weighing accurate;
- ◆ PLC system with control panel; operation modes switchable between manual and automatic;
- ◆ Equipped with trailer and chassis, convenient for transportation and relocation;
- ◆ Coal burner or diesel burner, as desired.
- ◆ Compact and simple structure, less land occupation; low initial investment, highly cost-effective.



Model and Parameter

Model		MASP-10	MASP-15	MASP-20	MASP-30	MASP-40	MASP-60	MASP-80
Capacity		10 t/h	15 t/h	20 t/h	30 t/h	40 t/h	60 t/h	80 t/h
Overall Power	Fuel Oil	41.5kW	54kW	63.5kW	104.5kW	125kW	157.5kW	200kW
	Fuel Coal	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		2 t	5 t	5 t	9 t	9 t	9 t	20 t
Asphalt Temperature		120-180 °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						

Mobile Asphalt Mixing Plant

Daswell Asphalt Mixing Plant

MDSP Series is drum mixing asphalt plant.MDSP Series is featured by small size, compact structure and easy relocation. The output of MDSP asphalt plant is 8 ~ 30tph, it is mainly used in road maintenance project and small-sized road construction project.



Features



- ◆ Low initial investment, cost-effective, fit for small-sized road construction project;
- ◆ Drying drum and mixing drum connect with each other, low energy loss, saving energy;
- ◆ Simplified structure, easy to operate; when rotating in counter clockwise, drying drum heats aggregate, in clockwise, it discharges aggregate to mixer;
- ◆ Equipped with trailer chassis, convenient for transportation and relocation;
- ◆ PLC system with control panel; operation modes switchable between manual, semi-automatic and automatic;
- ◆ Stable and reliable, easy for maintenance.

Model and Parameter

Model		MDSP-8	MDSP-10	MDSP-15	MDSP-20	MDSP-30
Capacity		8 t/h	10 t/h	15 t/h	20 t/h	30 t/h
Overall Power	Fuel Oil	23.7kW	24.3kW	33kW	46.5kW	60kW
	Fuel Coal	40kW	41kW	54kW	70kW	90.3kW
Cold Aggregate Bin		2.3m³× 3	2.3m³× 3	2.3m³× 3	2.3m³× 3	5m³× 3
Finished Asphalt Storage Bin		5 t	5 t	5 t	5 t	9 t
Asphalt Temperature		120-180°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				

Construction Cases

Daswell Asphalt Mixing Plant



DASWELL asphalt plant are located all over the country and exported to more than 40 countries and regions. The sales volume of machinery and equipment has been ranked among the top in the world for many years

Corporate Culture

Build a better world with high-quality products

With 37 years of focus on machinery and equipment manufacturing, we adhere to the original intention, only to make better machinery and equipment.

1986-2023

Enterprise mission: Build a better world.

Enterprise vision: Dedicated to provide better machinery

Enterprise values: Customer-oriented, dedicated employees as our foundation, take an unrelenting effort.

After-Sales Service

Daswell--Be a good helper to customers

DASWELL upholds the integrity management, customer first service tenet, in addition to the excellent product and excellent solution design, DASWELL also has a thoughtful perfect pre-sale and after-sale technical services, help solve the problems from project consultation, field survey, and sample analysis to the project design, installation, debugging, maintenance, etc. Ensure that all parts are properly connected with customers and timely solve customer needs.

- DASWELL has skilled and experienced after-sales maintenance service engineers, who can timely provide satisfactory solutions to customer problems.
- We will build a WeChat group or WhatsApp group for each customer. If you have any questions, you can feedback at any time. We will provide uninterrupted service for you 24 hours, 365 days.
- Within the warranty period (within 12 months from the date of completion of debugging), we will provide repair for the damage caused by human causes, and only charge the cost price for the materials and accessories used in the repair. Our company is responsible for the repair or replacement of any problem or damage caused by non-human causes.
- Adequate parts library. There are various types of accessories for all kinds of equipment in the accessories library to prevent the operation and production of customer equipment from being delayed due to the lack of accessories.

