

DG

®

**D&G
MACHINERY**

SUBSIDIARY OF
D&G TECHNOLOGY HOLDING CO., LTD.
STOCK CODE **1301.HK**



DGCompact

*ISO Certified With "CSC Plate"
International Convention for Safe Containers*



D&G MACHINERY, established in 1999, is a subsidiary of **D&G Technology Holding Company Limited** which is listed in the Hong Kong Stock Exchange (Stock Code 1301). Being a leading manufacturer and service provider of high-technology Asphalt Mixing Plants and eco-friendly Asphalt Recycling Plants, we have a full range of products from conventional, containerized, mobile to a variety of recycling by using 15% – 60% RAP or up to 80% RAP when properly added with bitumen rejuvenator. An advanced and automated factory of 200,000m² is located in Langfang City, China. Our annual production capacity reaches over 80 units. **D&G MACHINERY** has been ranked in the “World Top 100 (Plus 50) Construction Machinery Manufacturers” for 3 consecutive years starting from 2017.

The state-of-the-art design caters to the need of customers in different regions technically and geographically. High heating efficiency is what we value. Screening performance and metering preciseness will never be compromised. Production stability is guaranteed for each type of our asphalt plants where changes in mix recipes are needed in daily operation. **D&G MACHINERY** adheres to the principles of cost effectiveness, environmental friendly, reliability, safety and enduring innovation in pursuit of excellence. Our asphalt plants are CE and CU-TR certified. More than 600 units of **D&G MACHINERY** asphalt plants have been erected since 1999. Among which, over 120 units are being used in Australia, Russia, Kazakhstan, Turkmenistan, India, Malaysia, Thailand, Hong Kong, Saudi Arabia, UAE, Bahrain, Pakistan, Algeria, Kenya, Angola, Ethiopia, etc.

Amid the continuous development of infrastructure in the globe, **D&G MACHINERY** has been participating in significant projects that generate a long term value to our customers.

Selected Reference Projects

■ Jiaozhou Bay Bridge	China
■ Hangzhou Bay Bridge	China
■ Road M-8 “Holmogory”	Russia
■ Road P-21 “Kola”	Russia
■ Chennai Section of the Golden Quadrilateral Highway	India
■ Bruce Highway (A1) in Sunshine Coast	Australia
■ Hong Kong Boundary Crossing Facilities of the Hong Kong-Zhuhai-Macao Bridge	Hong Kong
■ China-Pakistan Economic Corridor Project	Pakistan
■ Beijing-Tibet Highway	China
■ Beijing-Hong Kong-Macao Highway	China

Thanks to our inspired R&D team and experienced service technicians, coupled with a worldwide sales network specialized in asphalt industry, **D&G MACHINERY** commits to providing you with a one-stop customized and economical solution.





With individual elements precisely selected and professionally configured for shipping container housings, the **DGCompact** minimizes transportation costs for customers. This design is perfectly integrated into **D&G's** core features to guarantee a truly high level of productivity and hassle-free maintenance. All container housings are **ISO** certified with "CSC plate" (International Convention for Safe Containers) approved for delivery by ship, railroad or by truck upon ex-factory from **D&G Machinery**. Installation and relocation of the plants become further simpler and quicker.

Global Recognition



ISO 9001

Quality Management Systems Certificate



ISO 14001

Environmental Management Systems Certificate



OHSAS 18001

Occupational Health and Safety Management Systems Certificate



C.E.

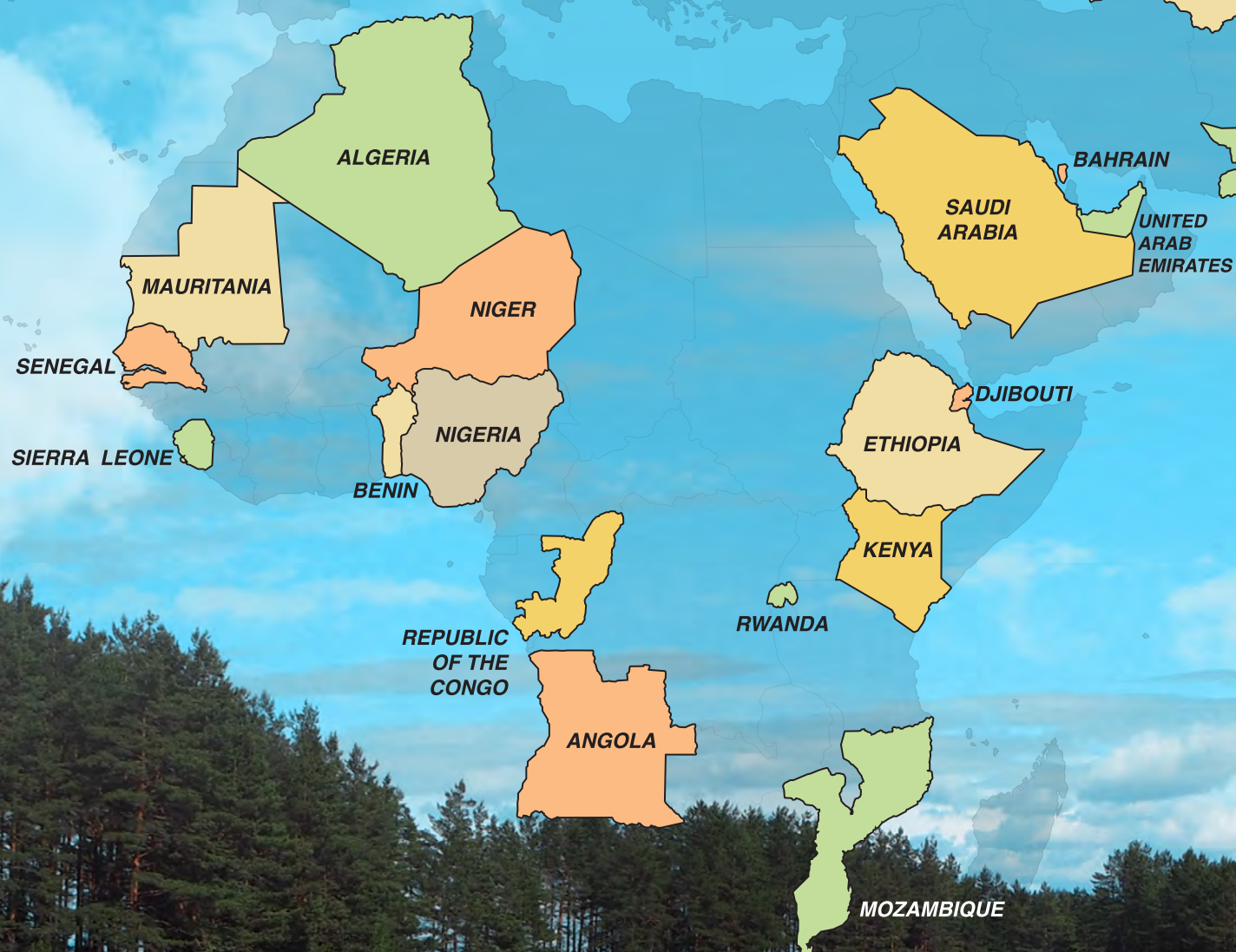
Asphalt mixing plants from **D&G Machinery** are endorsed with **CE Certification**, as verified by an European C.E. Certification Body, making it the first of its kind among brands developed in China.



CU-TR

Certification in Russia and Kazakhstan

Global Presence of D&G Machinery Asphalt Mixing Plants





RUSSIA

KAZAKHSTAN

MONGOLIA



CHINA

PAKISTAN

INDIA

MYANMAR

HONG KONG

BANGLADESH

THAILAND

BRUNEI

MALAYSIA

AUSTRALIA

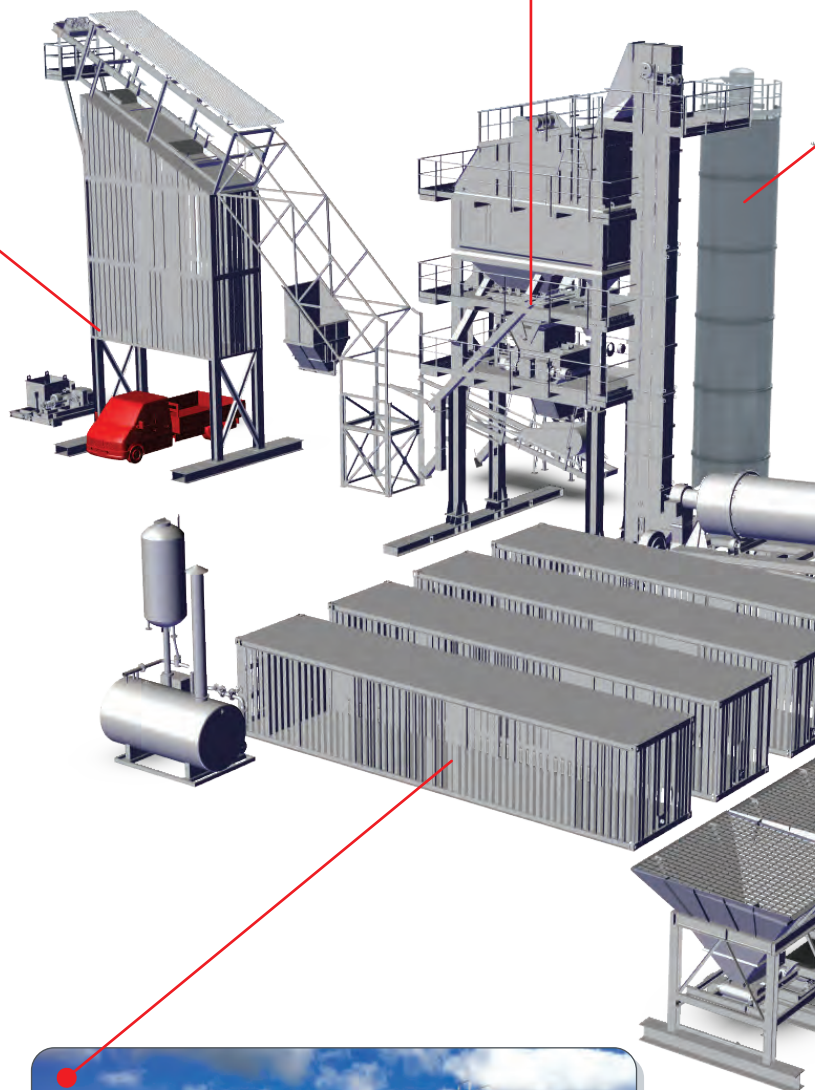
The Structure



*Hot Mix
Storage Bin System*



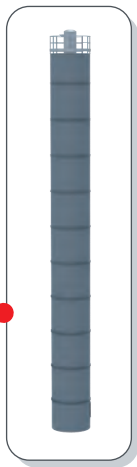
*Mixing Tower
System*



*DG**LEAP** Computerized
Control System*



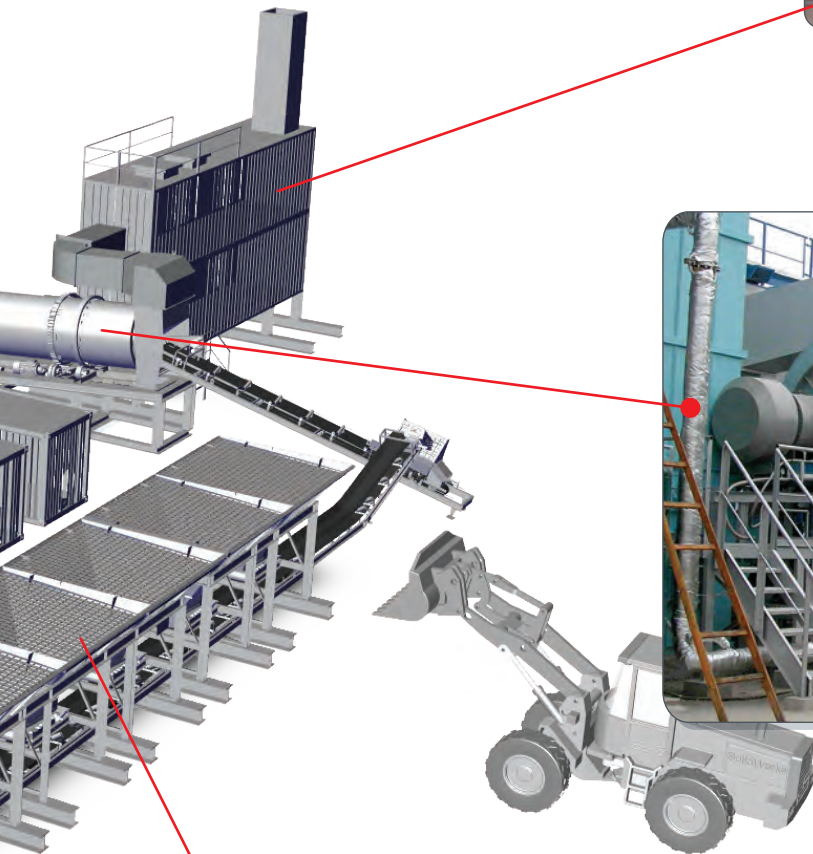
Bitumen Storage and Heating System



Filler System



Dust Collecting System



Drying and Heating System



Cold Feeder System



DG2000T220AC
Kazakhstan



DG2500T220AC
Russia



DG2500T220AC
Russia



DG2500T220AC
Russia



DG2500T220AC
Russia

DuPont™
NOMEX

SKF

Comp

DX
RTS

DuPont™
NOMEX

Comp

DX
RTS

DuPont™
NOMEX

SKF

Comp

The Advantages

Plant Components Containerized → Minimizes Transportation Cost



Modular & Prewired plant design
→ Reduces erection cost



Steel base design
→ Requires no civil foundations



Dust Collecting System
→ Low emission





Components of Renowned Brands

- Durability Enhanced
- Low Failure Rate Assured




Technical Specifications

Hot Mix Asphalt **BATCHING** Plant

Model	DG2000T220AC	DG2500T220AC	DG3000T250AC
Rated Production Capacity	180 t/h	200 t/h	240 t/h
Precise Temperature Control	≤5°C	≤5°C	≤5°C
Filter Efficiency	≤20 mg/Nm ³	≤20 mg/Nm ³	≤20 mg/Nm ³
Screening	Grade 5 / 6	Grade 5 / 6	Grade 5 / 6
Hot Aggregate Bin Vol.	21 m ³	40 m ³	40 m ³
Mixer Rated Capacity	2000 kg	2500 kg	3000 kg
Drum Dryer Diameter	Ø 2200 mm	Ø 2200 mm	Ø 2500 mm
Drum Dryer Length	9 m	9 m	9 m
Installed Power (approx.)	500 kW	530 kW	630 kW
Mixer Drive Device	Twin-Shafts / Gear motors		
Metering Precision	According to Standards set by JT / GB / CE		
Control Cabin	 DGLeap system PC + PLC / Printer / Air-Conditioned  DGLeap Cloud diagnosis		
Environment Index	Dust density ≤20 mg/Nm ³ , Ringelmann Blackness Class I, Noise in control cabin ≤70dB		



Hot Mix Asphalt **RECYCLING** Plant

Model	L15	Recycling Ring	SR190 (RAP Drum)
Production Capacity	15 - 25 t/h	15 - 85 t/h	60 - 115 t/h
RAP Usage %	15 - 30 %	15 - 35 %	up to 30 - 60 %
RAP Material Pre-screen	60 × 60 mm	60 × 60 mm	60 × 60 mm
Metering Precisiain - RAP Material	≤± 0.3%	≤± 0.3%	≤± 0.3%
Installed Power (approx.)	40 kW	50 kW	150 kW
Control Cabin	 DGLeap system PC + PLC		



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