Ref. XC300_DS_EN_V2026.01

XC300

XC300

Stabilized Soil Mixing Plant

XC300 Stabilized soil mixing plant is a product developed by XCMG based on its mature technologies, is an advanced level products in contemporary China. This equipment can produce cement, lime and other mixtures at all levels, fully meet the requirement of construction in expressway, classified highway, municipal administration path, airports, dams, freight yard and other projects.

XC300 Stabilized soil mixing plant has gained a number of utility models and appearance patents, which have already been applied to the equipment. The equipment possesses the batching plant which can adapt to different working medium and powder feed system for different stabilizers, adopts the advanced large-capacity twin shaft no plate forced mixing technology, intelligent control technology and so on, highlights the core features of stabilized soil mixing plant of XCMG, namely reliability, intelligence, advance and green.

XC300

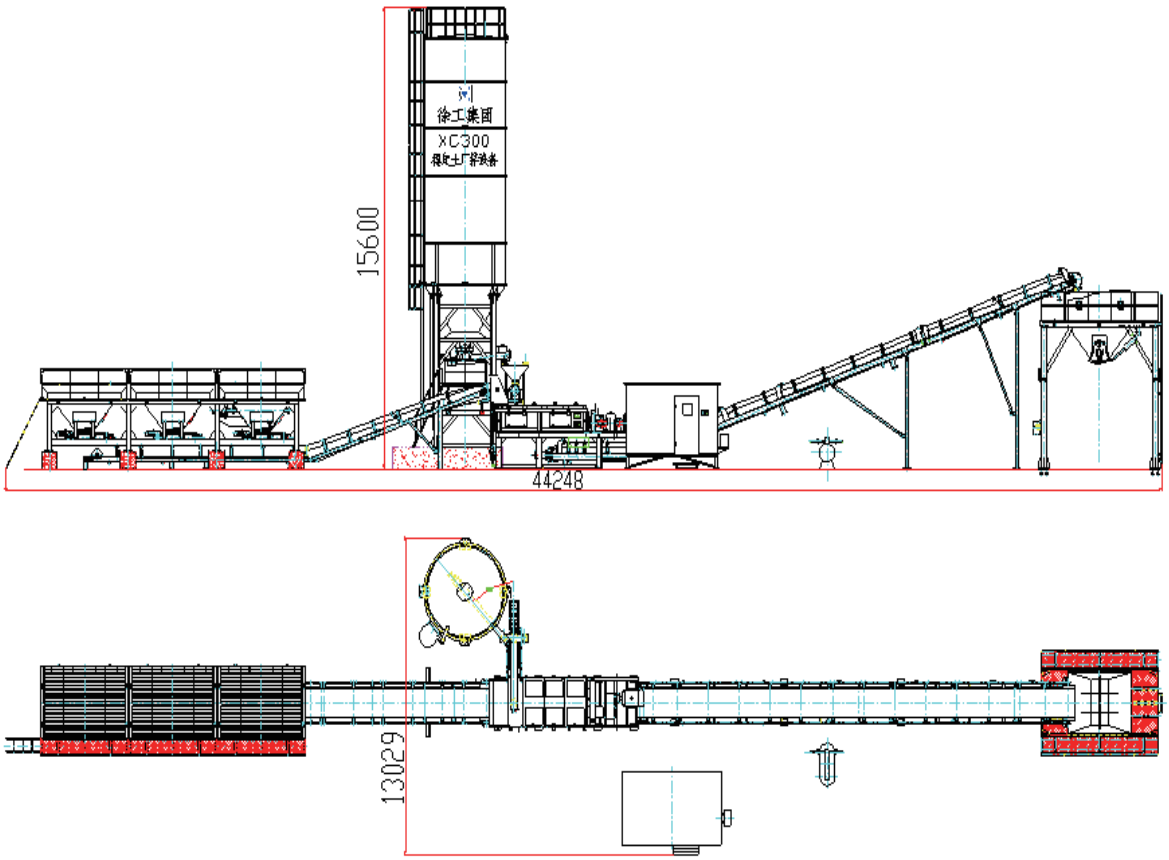
Stabilized Soil Mixing Plant

Performance and characteristics

- The working conditions related to the maximum productivity 300t/h:
- Produce cement stabilized soil, with a moisture content of ≤ 5% for each grade of aggregate;
- Ambient temperature:20℃±5℃;
- Relative humidity: no higher than 85%;
- The grading meets the relevant requirements specified in the Technical Guidelines for Construction of Highway Roadbases (JTG/T F20-2015).
- Factors affecting the maximum production rate of the equipment, which is 300t/h:
- The surrounding atmospheric temperature, humidity, altitude (≥1000m), etc. have a certain impact on productivity;
- Materials with high viscosity such as mountain soil, clay, and lime; Soil content of aggregate at all levels (≥2%); Cement content (≥6%) will have a significant impact on productivity.

Dimension in working configuration

Unit: mm



Main specifications

Indicator		Unit	Design value
Rated productivity		t/h	300
Batching accuracy	Aggregate	%	±1.5
	Powder	%	±1
	Water	%	±1
Total installed power		kW	90
Max. single power		kW	45
Area		m2	44×14
Allowable aggregate size		mm	Less than 60
Installation layout		-	Modular combination(Modular)
Speed adjustment		-	Frequency control

Notes:
Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.

XCMG ROAD MACHINERY BUSINESS
Email: road.marketing@xcmg.com

Offical Website Facebook Youtube