

XC500



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Stabilized Soil Mixing Plant

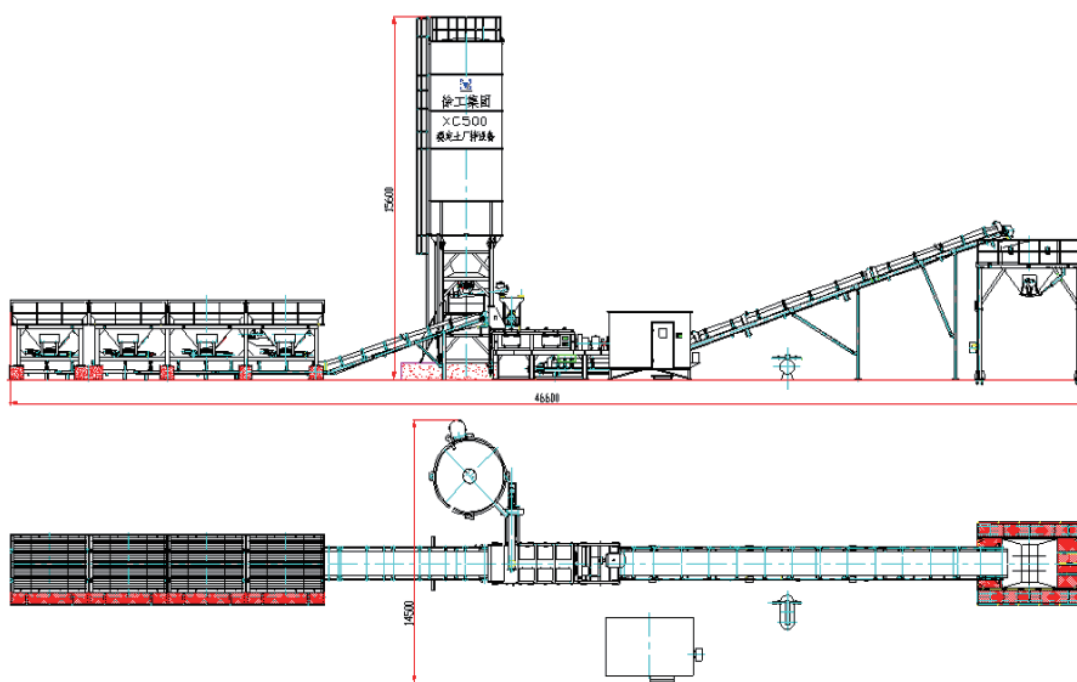
XC500 Stabilized soil mixing plant is a product developed by XCMG on the basis of mature technology and has the advanced level in contemporary China. The equipment can produce cement stabilized soil, lime stabilized soil, industrial waste residue stabilized soil and other mixtures at all levels, fully meet the requirement of construction in expressway, classified highway, municipal administration path, airports, dams, freight yard and other projects.

Performance and characteristics

- The working conditions related to the maximum productivity 500t/h:
Produce cement stabilized soil, with a moisture content of $\leq 5\%$ for each grade of aggregate;
Ambient temperature: $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$;
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 500t/h:
The surrounding atmospheric temperature, humidity, altitude ($\geq 1000\text{m}$), 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 ($\geq 2\%$); Cement content ($\geq 6\%$) will have a significant impact on productivity.

Dimension in working configuration

Unit: mm



Main specifications

Item		Unit	Parameter
Rated productivity		t/h	500
Batching accuracy	Aggregate	%	± 1.5
	Powder	%	± 1
	Water	%	± 1
Total installed power		kW	135
Max. single power		kW	75
Area		m ²	48×14
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.



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