

SANY SLB1000X8 ASPHALT MIXING PLANT



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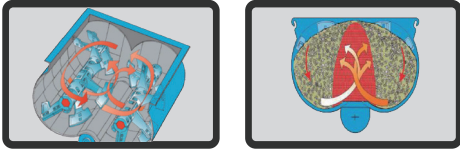
Official Website:
www.sanyglobal.com

Contact: _____
E-mail: _____



Dual cycle boiling-type mixing technology

- ◆ Adopting proven technology from concrete plant, more than 20 thousand market applications, convenient maintenance and reliable quality
- ◆ Mixing blades are arranged spirally, and can achieve axial major cycle, tangential minor cycle and middle turbulence mixing, making the asphalt more uniform



Waterfall material curtain design

- ◆ Extra-long drying drum design, optimal "three-zone blade" arrangement, longer heat exchange time, drying efficiency increased by 10%
- ◆ Adjustable blade angle controlling material curtain, making heating process more uniform, and thermal efficiency can reach up to 90%



Accurate weighing technology

- ◆ Applying "pulsating vibration" and "multi-speed" weighing, achieving rough and accurate measurement, and aggregate weighing error smaller than 20kg
- ◆ Power weighing controlled by frequency conversion screw conveyor, reducing weighing error to 1kg
- ◆ Frequency conversion and two-times weighing applied on asphalt weighing, achieving asphalt/aggregate ratio bias smaller than 0.1%



Highly integrated module

- ◆ Weighing layer and mixing layer integrated; asphalt tank, thermal oil furnace and discharge groove integrated; control room and circuit board room integrated, saving shipment space
- ◆ Aggregate bins and belt conveyor, main tower platforms, electronic components and control room are pre-assembled and packed in factory as modules



Technical Specifications

Item	SLB1000X8	
Main parameters	Rated productivity (t/h)	80
	Fuel	Light Oil, Heavy Oil, Natural Gas, Coal Gas, Liquefied Gas
	Max total power (kW)	260
Cold aggregate system	Number of cold aggregate silo	4
	Cold aggregate silo capacity (m ³)	8
	Material loading width (m)	3.2
Drying system	Drying drum length (m)	7
	Drying drum diameter (m)	φ 1.7
	Rated burner capacity (MW)	10
Hot aggregate elevator	Aggregate conveying capacity (t/h)	100
Screening system	Screen	4
Hot aggregate silo	Hot aggregate silo (m ³)	12
Mixing system	Rated mixing capacity (kg)	1250
	Mixing power (kw)	2*18.50
Filler system	Powder filling silo (m ³)	40
	Powder recycling silo	12(optional)
Bitumen supply system	Diesel tank (L)	12000
	Bitumen tank (L)	1*30000
	Heavy oil tank (L)	1*30000(optional)
	Heat conducting furnace (kcal/h)	300000(optional)
Dedust system	Filtration area (m ²)	360
	Induced draft fan air volume (Nm ³ /h)	30000
	Induced draft fan power (kW)	55
Asphalt silo capacity	Standard	0
	Optional (t)	33
Control system	Control mode	Centralized

Remarks:

1. Specific optional configuration shall be subject to the contract agreement. This table is for reference only. The optional parts are not included in the standard configuration.

2. Due to continuous technological improvement, the above technical specifications may change without notice. SANY reserves the right of final interpretation of all technical specifications.

※ Standard working condition: ambient temperature, 20°C ; standard atmospheric pressure; average water content of cold aggregate - 5%; temperature of hot aggregate -160°C; cycling time - 45 s; final product is common, medium sized aggregate asphalt. This follows GB/T 17808-2010 Road construction and road maintenance machinery and equipment—asphalt mixing plant.

