



SANY SLB3000C8 ASPHALT MIXING PLANT



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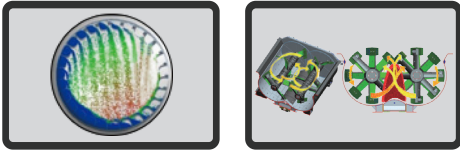
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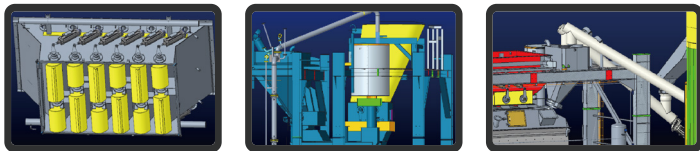
Efficient production

- ◆ Dual cycle boiling-type mixing technology: Mixing blades are arranged spirally, and can achieve axial major cycle, tangential minor cycle and middle turbulence mixing, Increasing the efficiency by 20%.
- ◆ Optimal L/D ratio design, with large opening discharge gate, shortening mixing time and discharge time
Waterfall material curtain: Optimized L/D ratio and blade arrangement, material curtain more uniform, and drying efficiency increased by 10%; Independent developed burner matches drying drum, heat exchange efficiency can reach up to 92%, higher than industry standard and more energy-saving



Accurate weighing technology

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



Dust-free main tower, smoke direct combustion

- ◆ Dust-free main tower: cart replaced by flap door distribute technology; fully enclosed tower without dust leaking; multiple negative pressure vacuuming
- ◆ Smoke direct combustion: 100% captured and pyrolysed, no secondary pollution



Intelligent production technology

- ◆ Intelligent production: 1-button startup and shutdown; aggregate self-adaptive adjustment; auto temperature control; weight-free calibration; equipment health management
- ◆ Intelligent management system: achieving digitization in whole process of purchase-production-sale



Technical Specifications

Item		SLB3000C8
Main parameters	Rated productivity (t/h)	240
	Fuel	Light Oil, Heavy Oil, Natural Gas, Coal Gas, Liquefied Gas
	Max total power (kW)	603
Cold aggregate system	Number of cold aggregate silo	5
	Cold aggregate silo capacity (m ³)	13
	Material loading width (m)	3.6
Drying system	Drying drum length (m)	10
	Drying drum diameter (m)	φ2.5
	Rated burner capacity (MW)	28
Hot aggregate elevator	Aggregate conveying capacity (t/h)	280
Screening system	Screen	5
Hot aggregate silo	Hot aggregate silo (m ³)	55
Mixing system	Rated mixing capacity (kg)	3500
	Mixing power (kw)	2*45
Filler system	Powder filling silo (m ³)	50
	Powder recycling silo	50
Bitumen supply system	Diesel tank (L)	12000
	Bitumen tank (L)	3*50000
	Heavy oil tank (L)	1*30000
	Heat conducting furnace (kcal/h)	800000
Dedust system	Filtration area (m ²)	800
	Induced draft fan air volume (Nm ³ /h)	85000
	Induced draft fan power (kW)	160
Asphalt silo capacity	Standard	90
	Optional (t)	
Control system	Control mode	Distributed

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.

