



SANY SLZ3000 INTEGRATED PLANT



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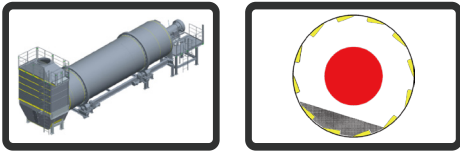
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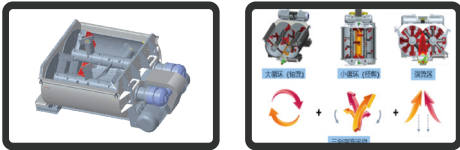
Extra-long drying drum technology

- ◆ Extra-long RAP drying drum design, optimal "three-zone blade" layout, longer heat exchange time, efficiency raised by 15%; RAP material temperature can reach higher than 140℃
- ◆ No furnace and maintenance free, RAP material completely separated from flame, avoiding asphalt aging and can be heated quickly



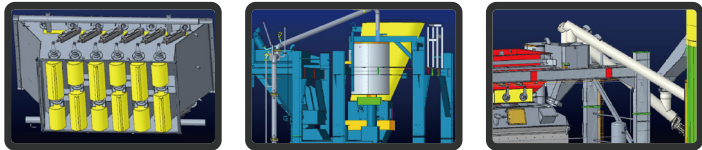
Boiling-type mixing technology

- ◆ Mixing blades are arranged spirally, and can achieve axial major cycle, tangential minor cycle and middle turbulence mixing, making the asphalt more uniform, efficiency increased by 20%.
- ◆ Optimal L/D ratio design, with large opening discharge gate, shortening discharge time, mixing time decreased by 3s.



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



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
- ◆ Safety production:material flow detection, high temperature warning of exhaust air and safe flameout procedures to ensure a full range of safe operation.



Technical Specifications

Item	SLZ3000
Fuel	Light oil、heavy oil、 natural gas、 liquefied gas
Rated capacity (t/h)	240~280
Total power (kW)	995
Qty. of cold hopper	5
Volume of cold hopper (m³)	13
Drying drum	Φ2.5 × 10 m
Burner(MW)	28
Hot elevator (kW)	18.5
Screening motor (kW)	2 × 7
Hot bin compartment	5
Capacity of mixer (t)	4.5
Mixer Motor (kW)	2 × 55
Mixed material storage bin (t)	90
Qty. of bitumen tank	3
Volume of bitumen tank (m³)	50
Qty. of diesel tank	1
Volume of diesel tank (t)	10
Volume of filler silo (m³)	50
Volume of reclaimed filler silo (m³)	50
Qty. of RAP hopper	2
Volume of RAP hopper (m³)	13
RAP rated capacity (t/h)	180
RAP drying drum	φ 2.5 m × 15 m
Hot RAP storage bin (t)	10
Hot RAP weighing bin (t)	3

