

XAP50



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Asphalt Mixing Plant

XAP50 asphalt mixing plant incorporates multiple cutting edge technologies including high efficiency screening, asphalt secondary weighing, accurate oil stone ratio control, intelligent fly compensation, intelligent combustion, efficient heat transfer, efficient dust collection, high quality mixing and intelligent fault diagnosis. It reflects XCMG traits of reliability, progress, intelligence and sustainability. This equipment produces all kinds of graded asphalt mixture, satisfies the working requirements of projects on classified highway, municipal roads and freight yards.

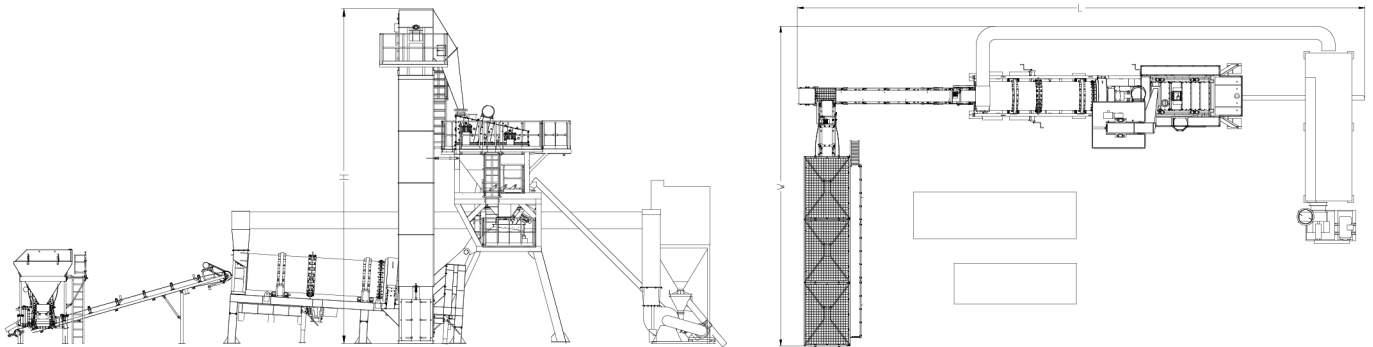
Performance and characteristics

- High efficiency heating, large capacity drum, patented serrated paddle, material trajectory simulation analysis for optimized district heating, high thermal efficiency, accurate temperature control.
- High efficiency screening, motor vibrating screen, up to 95% screening efficiency, <5% silo mistaking rate, 2000 hours maintenance-free.
- Accurate weighing, variable pulse aggregate measurement, secondary bitumen measurement function, improving the accuracy of oil-stone ratio.
- High quality mixing, large capacity mixer, 625kg productivity for single batch, opposite double paddle arm, more efficient and uniform mixing.
- Green and environmental friendly, negative pressure system in the main building, no dust spillage, cylinder type back blowing dust collection system, less energy consumption and low noise, precise matching low power high efficiency induced draft fan, energy saving 15%.
- Intelligent control, full computer control, three start modes: automatic, grouping and manual; order-based production process, convenient production organization and management; thorough production record function, clear records, easy to query
- Intelligent fault diagnosis, established expert library to assist repair and maintenance, record the maintenance process and appointment maintenance records, achieve smart maintenance management
- Compact structure, small installation area, modular design for easy transportation and installation.
- Container transportable of the whole plant, significantly reduce the freight cost by 30%.

Main dimensions

Unit: m

Model	L	W	H
XAP50	28	16	13



Main specifications

Item	Content	Unit	XAP50
Overall	Standard productivity	t/h	50
	Required operating power	kW	153
	Minimum installation area	m ²	448
Cold bin	Capacity	m ³	3x5.5
Drying drum	Diameter	m	1.4
	Length	m	5.5
	Fuel	Diesel/heavy oil/natural gas(optional)	
Dust collector	Drying capacity(water content 5%)	t/h	60
	Dust collecting method	Gravity filter + bag filter	
	Bag filter area	m ²	285
Mixing tower	Screen layer numbers	Layers	4
	Screening area	m ²	5.1
	Hot mineral bin capacity	m ³	5.73
	Mixing power	kW	1x22
	Mixer capacity	kg	625
	Filler feeding method	Inclined gravity flow	
	Bitumen feeding method	Inclined gravity flow	
Bitumen system	Mixing method	Double horizontal shaft/ opposite blade distribution	
	Bitumen tank	L	1x30000
Control system	Type	PLC + PC/full computer control system	
EP standard	Emission dust content	mg/N m ³	≤40
	Soot	-	≤ I
	Indoor noise of control cabin	dB	≤70
Shipping plan	Shipping specification	-	17.5M plate trailer/40 feet container
	Q'ty	Unit	6/10