Ref. AT1005_DS_EN_V2026.01

AT1005



AT1005

Asphalt Feeder

Asphalt feeder is a kind of matching equipment for the construction of asphalt concrete surface on high quality highways, which can quickly receive, store and transfer the mixture from material transport vehicle, and has the function of secondary mixing, which can maximize the elimination of temperature segregation and aggregate segregation of asphalt mixture, so that the temperature and gradation of asphalt mixture are uniform.

AT1005
Asphalt Feeder

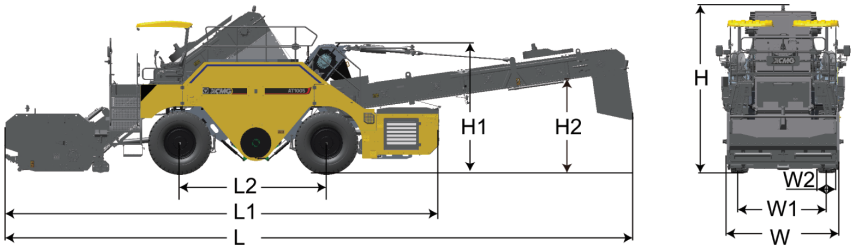
Main performance features

- Adopt mature and reliable Cummins QSL8.9C325 diesel engine, powerful power, up to 242kW; The rear-mounted power compartment isolates the influence of high temperature of asphalt materials; The engine, radiator, transfer case, and pump set are easy to maintain, and relevant operations can be carried out while standing on the ground.
- The driving system is four-wheel hydraulic independent drive, the system has strong driving ability, and the climbing ability is greater than 25%; The front and rear wheels option are independently steering, with four steering modes: front wheel, rear wheel, crab steer, and all-wheel, to meet the needs of different working conditions.
- The first and second conveyor devices adopt variable pitch blades, the remixing can reduce the temperature and material segregation.
- The total storage capacity of the receiving hopper, the storage bin and the storage hopper is 40t, which provides a guarantee for the construction of the paver without stopping.
- The LCD screen can intuitively display various working parameters, and the left, right and rear three-way cameras are convenient for observation during construction and transportation. There are four control boxes allowing vehicle maintenance and operation without getting on the vehicle.

Main dimensions

Unit: mm

Model	L	L1	L2	H	H1	H2	W	W1	W2
RP905S	16640	11600	3900	4500	3450	2560	300	2334	500



Main specifications

Item	Unit	Performance parameters	Remarks
Diesel engine model	/	QSL8.9C325	
Diesel engine power	kW	242	
Diesel engine speed	r/min	2000	
Max. working speed	m/min	58	
Max. travel speed	km/h	16	
First conveyor capacity(C1)	t/h	1000	
Third conveyor capacity(C3)	t/h	600	
First conveyor speed(C1)	r/min	58	
Second conveyor speed(C2)	r/min	58	
Third conveyor speed(C3)	r/min	86	
Hopper capacity	t	9.5	
Gradeability	%	25	Working mode
Wheelbase	mm	3900	
Storage capacity	t	25	
Hopper capacity (paver)	t	14	
Third conveyor discharge height	m	2.5 ~ 3.8	
Third conveyor swing angle	°	45~45	
Machine weight	t	39.5	
Overall dimensions	mm	16640×3000×4500	
Shipping dimensions	mm	17020×3000×3450	
Hydraulic oil tank capacity	L	345	
Main diesel tank capacity	L	360(195+165)	

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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