

AP500E

Asphalt Paver



Cat® C4.4 Engine with ACERT® Technology

Rated Power (ISO 14396)	106 kW/144 hp
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Operating Weight with

AS4252C Screed	16 145 kg
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Paving Ranges

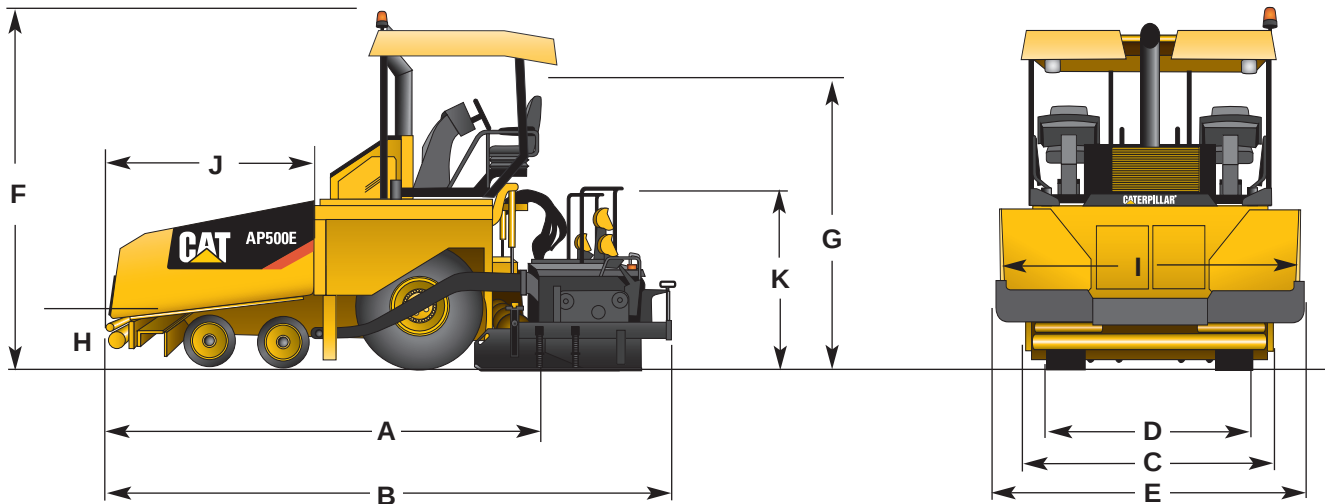
AS4252C	
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Standard Paving Width	2550-5000 mm
Maximum Paving Width w/Extensions	7000 mm

AP500E Asphalt Paver Specifications

Dimensions

All dimensions are approximate.



	mm
A Tractor length with push roller	4380
B Tractor length with AS4252C Screed w/walkway up	5810
Tractor length with AS4252C Screed w/walkway down	6030
C Transport width with screed end gates (hoppers raised)	2750
Transport width without screed end gates (hoppers raised)	2550
D Wheel gauge width	2490
E Tractor operating width (hopper lowered)	3310

	mm
F Operating height with canopy	3840
G Transport height with canopy, fumes stack and seat lowered	3100
H Truck entry height (apron)	545
I Truck entry width	3200
J Hopper length	1960
K Deck height	1780

Powertrain

Cat C4.4 Engine @ 2200 rpm	
Net power (ISO 9249)	103 kW (140 hp)
Rated power (ISO 14396)	106 kW (144 hp)
Speeds	
Paving	25 m/min
Travel	16 km/h

Miscellaneous

Fuel tank capacity	190 L
Hydraulic oil tank	170 L
Engine oil w/filter	9.5 L
Cooling system (total)	30 L
Washdown spray	38 L
Hopper capacity	6.2 m³
Electrical system	24 V, 75 A Alternator
Generator size	25 kW

Screed

AS4252C	
Standard width	2550 to 5000 mm
Maximum width	7000 mm
Maximum paving depth	305 mm
Frequency	
Tamper	0 to 1700 rpm (0 to 28.3 Hz)
Smoother plate	0 to 3400 rpm (0 to 56.7 Hz)

Operating Weights

AP500E (Tractor)	12 750 kg
with AS4252C	16 145 kg