

Road Paver Wheeled **AFW 500 E/G**

The machine of this class is ideal for medium-high size job sites where a good manoeuvrability together with high performances are requested. Due to its excellent weight distribution and wheeled traction options (4x6 and 6x6), it is very easy to handle and able to pave till 6.5 m of width in a big range of applications.



APPLICATIONS

layers of final wearing course, binder, tout-venant as well as draining asphalt on:

freeways and national roads

large squares

civil and industrial building lots, big parking areas

The machine has three axles: front, two axles for steering and rear, axle for traction. The rear axle is fitted with large pneumatic tyres so that the machine can be driven also on soft grounds. On the front oscillating axles are fitted large full rubber tyres. The steering system with a hydraulic pump gives a smooth control when turning. The hoppers are independently controlled by an electric-hydraulic system. The front truck pushing rollers are adjustable and oscillating.



Two adjustable seats, left and right, can slide externally. The dashboard is adjustable to the seat position to allow easy operations. Ground controls with antivandal guards for the road operator. Hydraulic foldable canopy with rear supports to ensure good visibility.

Feeding of material

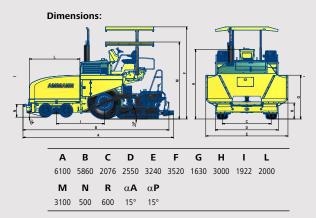
The feeding system of the material: two independent and reverse chain belt conveyors, controlled by paddle microswitches, and the augers, controlled by two proportional ultrasonic, regulate the flow of material to the screed in order to maintain the most effective distribution of the material in any condition. The height of the auger group is electric-hydraulically adjustable.

Screed options

Screed with tamper and vibration (FST), or with vibration only (FSV), with gas or electric heating, automatic lighting and temperature control, ISR system (Screed Assist) with pressure adjustment.

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Technical specification



Screed Options: FSV 500 E/G; FST 500 E/G

Max paving widths:

2550-4900 mm	
Optional 6500 mm	

Equipment		
Standard		
Automatic heating control		
Augers height hydraulically adjustable		
Proportional ultrasonic augers control		
ISR system (Screed Assist)		
Hydraulic folding canopy		
Optional		
Four wheel drive (DT)		
6 wheel drive (DTI)		
Longitudinal levelling system		
Slope control system		
Reduction plates at 1500 mm		
Mechanical extensions 2x800 mm		
Electric-hydraulic camber adjustment		
Rotating screed side end plates		

Length (transport)mm5860 (see ill.)Dimensions(see ill.)EngineCummins QSB4.5ManufacturerCummins QSB4.5TypeDiesel, Turbo-Intercooler, electronic controlNo. of cylinders4Power (DIN/ISO 3046/1) at 2200 rpmkW119 (160 HP)Max torqueNm 457 at 1500 rpmGenerator24V-70 ABrakesHydrostaticService brakeHydrostaticParking brake/EmergencyHydrostaticTraction - SteeringHydrostaticSteering typeHydraulicInternal turning radiusm 3.70PerformancesHydraulicProductiont/h500Layer thicknessmm5-300Hopper capacityt12Max Speed (transfer)km/h14Max Speed (work)m/min.40Tank capacityEuel tankIFuel tankI200Hydraulic oilI170Ecological liquidI30WheelsTraction17.5 - R25SteeringØ 530 x 300Weights (CECE)Paver with screedkg15000	Wheeled Paver AFW 500 E/G					
Engine Manufacturer Type Diesel, Turbo-Intercooler, electronic control No. of cylinders Power (DIN/ISO 3046/1) at 2200 rpm Max torque Generator Brakes Service brake Parking brake/Emergency Traction - Steering Transmission type Steering type Internal turning radius Production Layer thickness Hopper capacity Max Speed (transfer) Max Speed (work) Tank capacity Fuel tank Hydraulic oil Ecological liquid Weights (CECE)	Length (transport)	mm	5860			
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	Steering		Ø 530 x 300			
Paver with screed kg 15000	Weights (CECE)					
	Paver with screed	kg	15000			



