

## 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.



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.



### 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

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

### Feeding of material

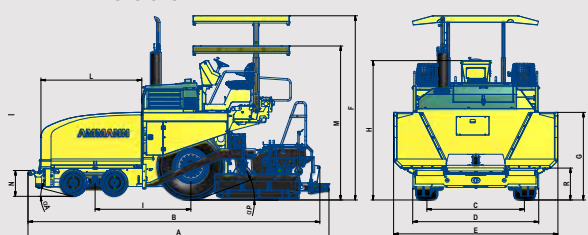
The feeding system of the material: two independent and reverse chain belt conveyors, controlled by paddle microswitches, and the augers, controlled by two proportional ultrasonic, regulate the flow of material to the screed in order to maintain the most effective distribution of the material in any 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.

## Technical specification

### Dimensions:



A	B	C	D	E	F	G	H	I	L
6100	5860	2076	2550	3240	3520	1630	3000	1922	2000
M	N	R	αA	αP					
3100	500	600	15°	15°					

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

Max paving widths:

<b>2550–4900 mm</b>
<b>Optional 6500 mm</b>

### 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

### Wheeled Paver AFW 500 E/G

<b>Length (transport)</b>	mm	5860
<b>Dimensions</b>		(see ill.)
<b>Engine</b>		
<b>Manufacturer</b>		Cummins QSB4.5
<b>Type</b>		Diesel, Turbo-Intercooler, electronic control
<b>No. of cylinders</b>		4
<b>Power (DIN/ISO 3046/1) at 2200 rpm</b>	kW	119 (160 HP)
<b>Max torque</b>		Nm 457 at 1500 rpm
<b>Generator</b>		24V–70 A
<b>Brakes</b>		
<b>Service brake</b>		Hydrostatic
<b>Parking brake/Emergency</b>		Multiple disks negative brake on reduction gears
<b>Traction - Steering</b>		
<b>Transmission type</b>		Hydrostatic
<b>Steering type</b>		Hydraulic
<b>Internal turning radius</b>	m	3.70
<b>Performances</b>		
<b>Production</b>	t/h	500
<b>Layer thickness</b>	mm	5–300
<b>Hopper capacity</b>	t	12
<b>Max Speed (transfer)</b>	km/h	14
<b>Max Speed (work)</b>	m/min.	40
<b>Tank capacity</b>		
<b>Fuel tank</b>	l	200
<b>Hydraulic oil</b>	l	170
<b>Ecological liquid</b>	l	30
<b>Wheels</b>		
<b>Traction</b>		17.5 - R25
<b>Steering</b>		Ø 530 x 300
<b>Weights (CECE)</b>		
<b>Paver with screed</b>	kg	15000

