

# AFW 500

## WHEELED ASPHALT PAVER

E.U. STAGE IIIA / U.S. EPA Tier 3

E.U. STAGE IV / U.S. EPA Tier 4f



## A MANOEUVRABLE, PRODUCTIVE PERFORMER

The AFW 500 excels on medium to large jobs requiring good manoeuvrability as well as high performance and productivity. Exceptional weight distribution makes the paver easy to handle, while the maximum paving width of 6.5 metres makes it a good fit for a wide range of applications.

### STEERING AND TRACTION

- 2-, 4- or 6-wheel drive provide traction on difficult surfaces.
- 2 front axles optimise steering while the rear axle is fitted with large pneumatic tyres for traction.
- A steering system with a hydraulic pump provides smooth control when turning.
- The screed assist system (ISR) improves traction when needed by transferring the weight of the screed onto the rear wheels.

### PRODUCTIVE

- Paving width from 2500–6500 mm
- Two working and two travel speeds.

### MIX QUALITY

- Conveyors are reversible and independently driven.
- Electric and gas screed heating systems are available.

### OPERATOR FRIENDLY

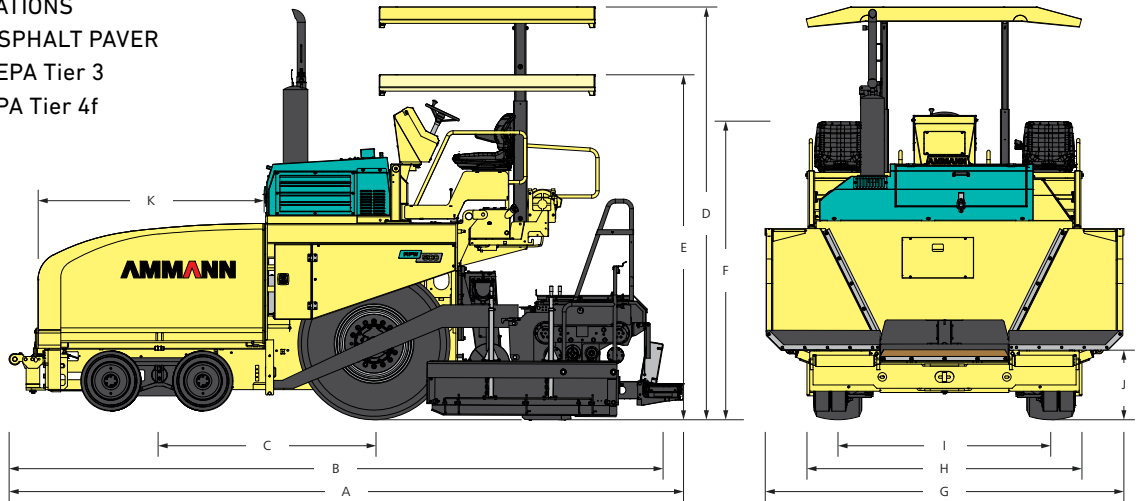
- E-hydraulic auger height adjustment
- E-hydraulic roof adjustment
- Best-in-class operator visibility
- Low discharge height for easy material loading.

### APPLICATIONS

- Layer of wearing courses, binder and special asphalts
- National Roads
- Country roads
- Municipal Roads
- Building lots
- Big squares and courtyards
- Motor ways
- Air fields
- Port areas
- Cities' streets

**AMMANN**

TECHNICAL SPECIFICATIONS  
 AFW 500 WHEELED ASPHALT PAVER  
 E.U. STAGE IIIA / U.S. EPA Tier 3  
 E.U. STAGE IV / U.S. EPA Tier 4f



**WEIGHT & DIMENSIONS**

OPERATING WEIGHT	15 000 kg
A MACHINE LENGTH	6100 mm
B TRANSPORT LENGTH	5860 mm
C AXLE LENGTH	1922 mm
D MACHINE HEIGHT	3520 mm
E TRANSPORT HEIGHT	3100 mm
F HEIGHT WITHOUT CANOPY	3000 mm
G MACHINE WIDTH	3240 mm
H TRANSPORT WIDTH	2550 mm
I WHEEL GAUGE	2076 mm
J MATERIAL LOADING HEIGHT	600 mm
K HOPPER LENGTH	2000 mm

**ENGINE & DRIVETRAIN**

	Tier 3	Tier 4f
MANUFACTURER	Cummins	Deutz
TYPE	QSB4.5	TCD 4.1 L4
ENGINE COOLING SYSTEM	Water cooling	Water cooling
RATED POWER	119 kW	115 kW
UNDERCARRIAGE	Wheeled	Wheeled
TYRES	17,5-R25	17,5-R25
DIRECTIONAL WHEELS	530 x 300	530 x 300
TRANSMISSION TYPE	Hydrostatic	Hydrostatic
STEERING TYPE	Hydraulic	Hydraulic
INTERNAL TURNING RADIUS	3.7 m	3.7 m

**PERFORMANCE**

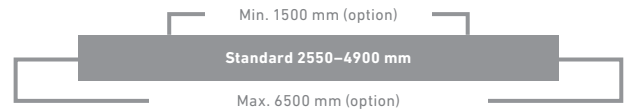
MAX. THEORETICAL PAVING CAPACITY	500 t/h
MAT THICKNESS	5-300
SPEED (TRANSFER)	0-14 km/h
SPEED (PAVING)	0-40 m/min

**STANDARD EQUIPMENT**

- Rear wheel drive for AFW 500
- Automatic heating control
- E-hydraulically adjustable augers height
- Proportional ultrasonic augers control
- The ISR system (Screed Assist)
- Hydraulic folding canopy

**SCREED FSV 500 / FST 500**

STANDARD PAVING WIDTH	2550-4900 mm
MAX. W / EXTENSIONS	6500 mm
MIN. W / REDUCTION PLATES	1500 mm
SCREED TYPE	Vibration / Tamper + Vibration
HEATING	Gas / Electric



**MATERIAL FEEDING**

HOPPER CAPACITY	12 t
CONVEYOR BELTS	Two independent, reversible
AUGER	Two independent, reversible
AUGER HEIGHT ADJUSTMENT	E-Hydraulic

**TANK CAPACITIES**

FUEL	200 l
HYDRAULIC OIL	170 l
EMULSION SPRAY	30 l

**OPTIONAL EQUIPMENT**

- 4 wheel drive (DT) for AFW 500 E/G
- 6 wheel drive (DTI) for AFW 500 E/G
- Longitudinal levelling system
- Slope control system
- Reduction plates at 1500 mm paving width
- Mechanical extensions 2 x 800 mm
- E-hydraulic crown profile adjustment
- Rotating screed side-end plates
- Heated screed side-end plates
- Automatic central lubrication system

For additional product information and services please visit:  
[www.ammann-group.com](http://www.ammann-group.com)

Specifications are subject to change.  
 MSS-1028-02-EN | © Ammann Group | Images: © www.fotopizza.com

