

AFT 500

TRACKED ASPHALT PAVER

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

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



POWER-BOOSTING TRACKS

The AFT 500 is built to provide power and productivity, with tracks that pull the paver through challenging conditions. The track system has rubber pads and an automatic tensioning system with a grease accumulator. The hydrostatic transmission is engaged by two variable-flow pumps that feed two motors, with two displacements directly attached to the planetary gearboxes that operate the tracks.

PRODUCTIVE

- Paving width range of 2500–6000 mm.
- Production capacity of 500 t/h.
- Working speed of 37 metres/minute.
- Transfer speed of 4.5 km/h.

GRIPPING TRACKS

- Rubber pads and an automatic tensioning system with grease accumulator help provide traction and limit maintenance.
- Two variable-flow pumps feed two motors, with two displacements directly attached to the planetary gearboxes that enable traction and propel the paver.

MAT QUALITY

- Conveyors are reversible and independently driven.
- Electric and gas screed heating systems are available.
- An electronic and proportional control mounted on each pump provides a progressive start/stop and maintains a constant set speed.

OPERATOR FRIENDLY

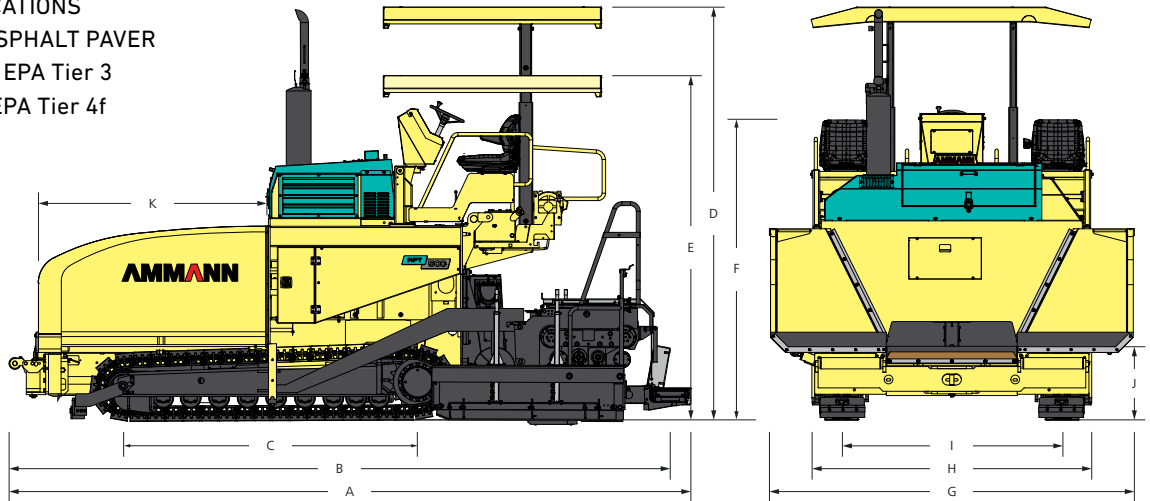
- E-hydraulic auger height adjustment.
- E-hydraulic roof adjustment.
- Best-in-class operator visibility.
- Low discharge height for easy material loading.

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
 AFT 500 TRACKED 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 TRACK LENGTH	2580 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 TRACK 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	Tracks	Tracks
TRACK CONTACT SURFACE	2580 x 300 mm	2580 x 300 mm
TRANSMISSION TYPE	Hydrostatic	Hydrostatic
STEERING TYPE	Electronic	Electronic
INTERNAL TURNING RADIUS	1.0 m	1.0 m

PERFORMANCE

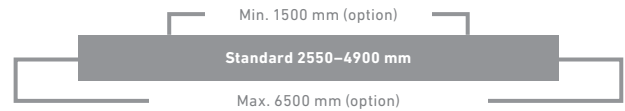
MAX. THEORETICAL PAVING CAPACITY	500 t/h
MAT THICKNESS	5–300
SPEED (TRANSFER)	0–4.5 km/h
SPEED (PAVING)	0–37 m/min

STANDARD EQUIPMENT

- 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

- 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

Specifications are subject to change.

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