

Road Paver Tracked AFT 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 tracked traction, it is very easy to handle and able to pave till 6.5 m of width in a big range of applications.



Tracked machine with rubber pads; automatic tensioning device system with grease accumulator. Hydrostatic transmission with two variable flow rate pumps which feed two motors with two displacements directly fastened to the planetary gearboxes which operate the tracks. Mounted on each pump, an electronic and proportional control gives a progressive start and stop,



APPLICATIONS

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

freeways and national roads

large squares

civil and industrial building lots, big parking areas

keeping the set speed constant. The steering-wheel is electronically controlled, the speed is constant when steering. 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 anti-vandal guards for the road operator. Hydraulic foldable canopy with rear supports to ensure good visibility.

Feeding of material

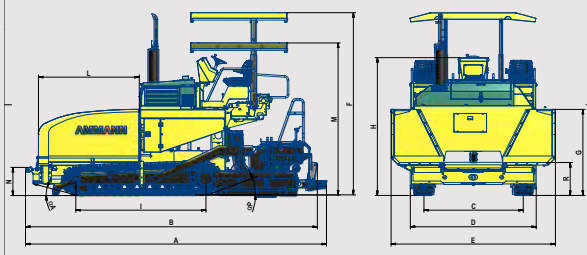
The feeding system of the material: two independent and reverse chain belt conveyors, controlled by paddle microswitches, and the augers, controlled by two proportional ultrasonic, regulate the flow of material to the screed in order to maintain the most effective distribution of the material in any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

Screed options

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

Technical specification

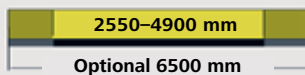
Dimensions:



A	B	C	D	E	F	G	H	I	L
6100	5860	2076	2550	3240	3520	1630	3000	2580	2000
M	N	R	α A	α P					
3100	500	600	15°	16°					

Screed Options: FST 500 E/G

Max paving widths:



Equipment	
Standard	
Automatic heating control	
Augers height hydraulically adjustable	
Proportional ultrasonic augers control	
ISR system (Screed Assist)	
Hydraulic folding canopy	
Optional	
Longitudinal levelling system	
Slope control system	
Reduction plates at 1500 mm	
Mechanical extensions 2 x 800 mm	
Electric-hydraulic camber adjustment	
Rotating screed side end plates	

Tracked Paver AFT 500 E/G

Length (transport)	mm	5860
Dimensions	(see ill.)	
Engine		
Manufacturer	Cummins QSB4.5	
Type	Diesel, Turbo-Intercooler, electronic control	
No. of cylinders	4	
Power (DIN/ISO 3046/1) at 2200 rpm	kW	119 (160 HP)
Max torque	Nm 457 at 1500 rpm	
Generator	24V-70 A	
Brakes		
Service brake	Hydrostatic	
Parking brake/Emergency	Multiple disks negative brake on reduction gears	
Traction - Steering		
Transmission type	Hydrostatic	
Steering type	Electronic	
Internal turning radius	m	1.00
Performances		
Production	t/h	500
Layer thickness	mm	5-300
Hopper capacity	t	12
Max Speed (transfer)	km/h	4.5
Max Speed (work)	m/min.	37
Tank capacity		
Fuel tank	l	200
Hydraulic oil	l	170
Ecological liquid	l	30
Weights (CECE)		
Paver with screed	kg	15000

