AMMANN

Road Paver Wheeled
AFW 270 E/G

The machine of this class has been designed for the use, mainly, in small and narrow sites where its compact dimensions, the manoeuvrability and a very good traction are the typical requirements a contractor needs for this kind of jobs. The traction on wheels allows a good transfer speed on the road reducing idle times.



APPLICATIONS

- squares and courtyards
- small building lots
- footpaths
- cycle tracks
- trenches closure
- urban centres
- municipal roads and small 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. The actual version is equipped with four wheel drive traction as a standard. 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 pushing rollers move in sequence with the hoppers. Man on board operations from one adjustable seat that can slide left and right. The dashboard is adjustable to the seat position to allow easy operations. Ground controls with anti-vandal guards for the road operator. Foldable canopy with rear supports to ensure good visibility.





Feeding of material

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

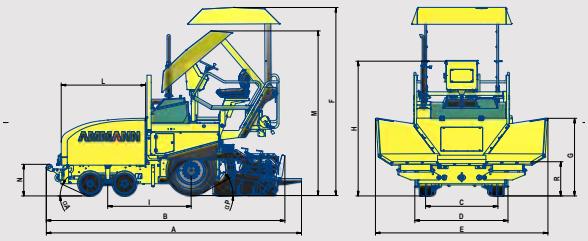
Screed options

The FSV 270 E/G is a vibrating screed with gas or electric heating, automatic lighting and temperature control, ISR system (Screed Assist) with pressure adjustment.

Ammann Schweiz AG
Eisenbahnstrasse 25
CH-4901 Langenthal
Tel +41 62 916 63 56
Fax +41 62 916 64 03
info.aag@ammann-group.com
www.ammann-group.com

Technical specification

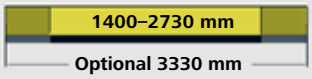
Dimensions:



A	B	C	D	E	F	G	H	I	L
4250	4100	1180	1650	2900	3100	1300	2250	1380	1350

M	N	R	αA	αP
2800	480	560	24°	14°

Screed Options: FSV 270 E/G
Max paving widths:



Equipment
Standard
Automatic heating control
Augers height hydraulically adjustable
Four wheel drive (DT)
ISR system (Screed Assist)
Folding canopy
Optional
Longitudinal levelling system
Slope control system
Reduction plates at 500 mm
Mechanical extensions at 3300 mm
Proportional ultrasonic augers control
On-Off ultrasonic augers control
Electric-hydraulic camber adjustment

Wheeled Paver AFW 270 E/G

Length (transport)	mm	3930
Dimensions		(see ill.)
Engine		
Manufacturer		Deutz D2011L03i
Type		Air / Oil cooling, Diesel
No. of cylinders		3
Power (DIN/ISO 3046/1) at 2500 rpm	kW	33.2 (45 HP)
Max torque		Nm 137 at 1700 rpm
Generator		14V–60 A
Brakes		
Service brake		Hydrostatic
Parking brake/Emergency		Multiple disks negative brake on reduction gears
Traction - Steering		
Transmission type		Hydrostatic
Steering type		Hydraulic
Internal turning radius	m	2.80
Performances		
Production	t/h	150
Layer thickness	mm	5–250
Hopper capacity	t	6
Speed (transfer)	km/h	0–10
Speed (work)	m/min.	0–40
Tank capacity		
Fuel tank	l	70
Hydraulic oil	l	75
Ecological liquid	l	15
Wheels		
Traction		265 x 70-R17.5
Steering		Ø 415 x 180
Weights (CECE)		
Paver with screed	kg	5200



