

Road Paver Wheeled PW 2700

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. On the front oscillating axles are fitted large full rubber tyres. The steering system with a hydraulic pump gives a smooth control when turn-

ing. 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/right and externally. 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.

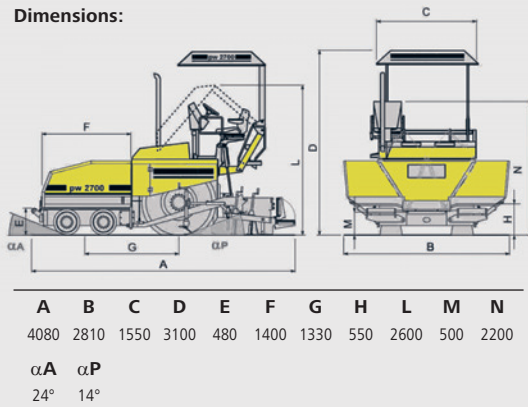
Screed options

The RV 2700 is a vibrating screed with gas or electric heating, automatic lighting and temperature control, ISR system (Screed Assist) with pressure adjustment.

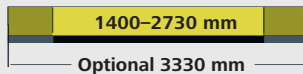


Technical specification

Dimensions:



Screed Options: RV 2700 G, RV 2700 E
 Max paving widths:



(R=screed, V=vibrating, G=gas, E=electric)

Equipment (PW 2700 DT MB)	
Standard	
Automatic heating control	
Augers height hydraulically adjustable	
Front wheel drive (DT)	
ISR system (Screed Assist)	
Folding canopy	
Optional	
Mechanical longitudinal levelling system	
Slope control system	
Reduction plates at 500 mm	
Mechanical extensions at 3300 mm	

MB= man on board version

Wheeled Paver PW 2700

Length (transport)	mm	3910
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 PS)
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	0-11
Speed (work)	m/min.	0-40
Tank capacity		
Fuel tank	l	70
Hydraulic oil	l	70
Ecological liquid	l	15
Wheels		
Traction	265 x 70-R17.5	
Steering	Ø 413 x 178	
Weights (CECE)		
Paver with screed	kg	5000

