

Road Paver Tracked PT 3501

The machine of this class is ideal for small and medium size job sites. The traction on tracks is suitable for job sites on difficult grounds and assures a very good levelling effect. Despite its compact dimensions the machine is able to pave till 4.5 m of width.



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, keeping the set speed constant. The steering-wheel is



APPLICATIONS

layers of final wearing course,
binder, tout-venant on:
national and municipal roads
large squares
sport grounds and courtyards
building lots and parking
areas.

electronically controlled, the speed is constant when steering. The hoppers are independently controlled by an electric-hydraulic system. The front pushing rollers move in sequence with the hoppers. Two adjustable seats, left/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

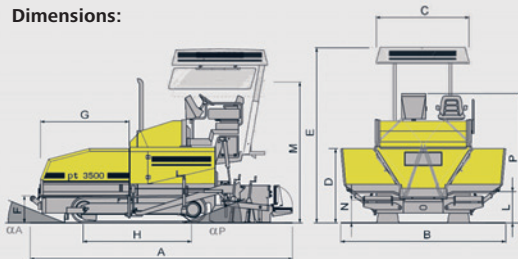
The feeding system of the material is carried out by two independent and reverse chain belt conveyors and augers controlled by paddle microswitches that regulate the flow of material to the screed in order to maintain the most effective distribution of the material in any condition. The height of the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

Screed options

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

Technical specification

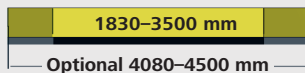
Dimensions:



A	B	C	D	E	F	G	H	L	M
5030	3050	1950	1380	3480	480	1650	2030	550	2780
N	P	αA	αP						
420	2370	15°	16°						

Screed Options:

RTV 3500 G/E



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

Equipment	
Standard	
Automatic heating control	
Augers height hydraulically adjustable	
ISR system (Screed Assist)	
Hydraulic folding canopy	
Optional	
Mechanical longitudinal levelling system	
Slope control system	
Reduction plates at 800 mm	
Mechanical extensions 2x290 mm	
Mechanical extensions 2x500 mm	
Proportional ultrasonic augers control	
Electric-hydraulic camber adjustment	

Tracked Paver PT 3501

Length (transport)	mm	4880
Dimensions	(see ill.)	
Engine		
Manufacturer	Deutz TD2011L04i	
Type	Air / Oil cooling, Diesel	
No. of cylinders	4	
Power (DIN/ISO 3046/1) at 2300 rpm	kW	51.5 (70.1 PS)
Max torque	Nm 250 at 1600 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	Electronic	
Internal turning radius	m	1.50
Performances		
Production	t/h	230
Layer thickness	mm	5-280
Hopper capacity	t	8
Speed (transfer)	km/h	0-4.5
Speed (work)	m/min.	0-35
Tank capacity		
Fuel tank	l	95
Hydraulic oil	l	77
Ecological liquid	l	25
Weights (CECE)		
Paver with screed	kg	7500

