

## Road Paver Tracked APT 270 E/G

The machine of this class has been designed for the use, mainly, in small and narrow sites where its compact dimensions are required. The traction on tracks is suitable for job sites on difficult grounds and assures a very good levelling effect.



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 electronically controlled, the speed is constant when

### APPLICATIONS

- ..... squares and courtyards
- ..... small building lots
- ..... footpaths
- ..... cycle tracks
- ..... trenches closure
- ..... urban centres
- ..... municipal roads and small parking areas

steering. The hoppers are independently controlled by an electric-hydraulic system. The front pushing rollers move in sequence with the hoppers.

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

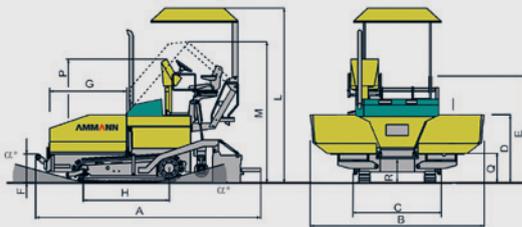
### Man on board version

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.



# Technical specification

## Dimensions:



|          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>G</b> | <b>H</b> | <b>L</b> | <b>M</b> |
| 4120     | 2900     | 1650     | 1275     | 1750     | 480      | 1350     | 1520     | 3100     | 2650     |
| <b>P</b> | <b>Q</b> | <b>R</b> | $\alpha$ |          |          |          |          |          |          |
| 2210     | 560      | 520      | 15°      |          |          |          |          |          |          |

## Screed Options: PSV 270 E/G

Max paving widths:

|                  |
|------------------|
| 1400–2730 mm     |
| Optional 3330 mm |

| Equipment                                |
|--|
| Man on board version                     |
| Man standing version (F)                 |
| Standard                                 |
| Automatic heating control                |
| Augers height hydraulically adjustable   |
| ISR System (Screed Assist)               |
| Folding canopy (Man on board version)    |
| Optional                                 |
| Mechanical longitudinal levelling system |
| Slope control system                     |
| Reduction plates at 500 mm               |
| Mechanical extensions at 3300 mm         |
| Folding canopy (F version)               |

## Tracked Paver APT 270 E/G

| <b>Length (transport)</b>                 | mm   | 3910, 4360 (F) |
|---|--|----------------|
| <b>Dimensions</b>                         | (see ill.)                                       |                |
| Engine                                    |  |                |
| <b>Manufacturer</b>                       | Deutz D2011L03i                                  |                |
| <b>Type</b>                               | Air / Oil cooling, Diesel                        |                |
| <b>No. of cylinders</b>                   | 3  |                |
| <b>Power (DIN/ISO 3046/1) at 2500 rpm</b> | kW   | 33.2 (45 PS)   |
| <b>Max torque</b>                         | Nm 137 at 1700 rpm                               |                |
| <b>Generator</b>                          | 14V–60 A   |                |
| Brakes                                    |  |                |
| <b>Service brake</b>                      | Hydrostatic                                      |                |
| <b>Parking brake/Emergency</b>            | Multiple disks negative brake on reduction gears |                |
| Traction - Steering                       |  |                |
| <b>Transmission type</b>                  | Hydrostatic                                      |                |
| <b>Steering type</b>                      | Electronic                                       |                |
| <b>Internal turning radius</b>            | m  | 0.7            |
| Performances                              |  |                |
| <b>Production</b>                         | t/h  | 150            |
| <b>Layer thickness</b>                    | mm   | 5–250          |
| <b>Hopper capacity</b>                    | t  | 6              |
| <b>Speed (transfer)</b>                   | km/h   | 0–4.5          |
| <b>Speed (work)</b>                       | m/min.   | 0–27           |
| Tank capacity                             |  |                |
| <b>Fuel tank</b>                          | l  | 70             |
| <b>Hydraulic oil</b>                      | l  | 75             |
| <b>Ecological liquid</b>                  | l  | 15             |
| Weights (CECE)                            |  |                |
| <b>Paver with screed</b>                  | kg   | 5200, 5000 (F) |

