

AP 240

PNEUMATIC TYRED ROLLER

EU Stage IIIA / U.S. EPA Tier 3



A GOOD FIT ON DIVERSE SITES

A ballasting range of 9 tonnes to 24 tonnes helps make the Ammann AP 240 EU Stage IIIA / U.S. EPA Tier 3 Pneumatic Tyred Roller a good fit on diverse jobsites. Also helping with flexibility is the Air-on-run system, which the operator uses to adjust tyre pressure without ever leaving the cab. Ammann Traction Control (ATC) boosts productivity on tough terrain. The proven hydrodynamic propulsion system provides power, while quality Ammann components and engineering enable reliability and long life.

APPLICATIONS

- Medium and large compaction jobsites
- Transportation-related construction – municipal and town roads, motorways, airfields
- Building construction – housing, commercial, industrial

PRODUCTIVITY

Ballasting system

Offers wide range of weight, from 9 to 24 tons

Air-on-run system

Central inflation system for easy control of tyre pressure

Front isostatic axle with oscillation

Higher stability and increased surface coverage and quality

ERGONOMICS

Simple & reliable dashboard

Intuitive machine control, even with an unskilled operator

Operator workplace

Ergonomically friendly operator station designed for high operator comfort during working day

Visibility

Excellent all-around machine visibility for safety on the jobsite

SERVICEABILITY

Tool-free daily inspection

Quick and easy daily inspection

Maintenance-friendly design

High focus on easy maintenance and robust design to minimise downtime

Draining points

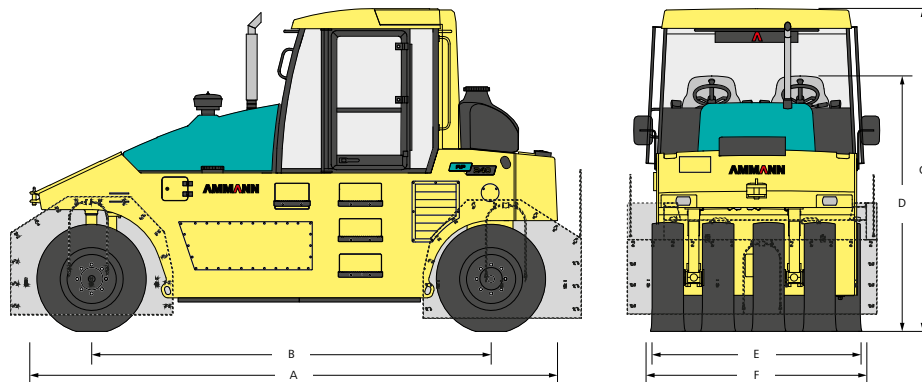
Ground access to all main draining points

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

	Sand / Gravel	Mixed Soils	Silt	Clay	Stabilisation
AP 240	0.25 m (10 in)	0.2 m (8 in)	0.15 m (6 in)	0.1 m (4 in)	0.15 m (6 in)

AMMANN

TECHNICAL SPECIFICATIONS
AP 240 PNEUMATIC TYRED ROLLER
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DIMENSIONS

A	Machine length	5020 mm (197.6 in)
A	Machine length (thermal aprons)	5780 mm (227.6 in)
B	Wheelbase	3800 mm (149.6 in)
C	Machine height	3110 mm (122.4 in)
D	Machine height (removed ROPS)	2450 mm (96.5 in)
E	Working width	1986 mm (78.2 in)
F	Machine width	2100 mm (82.7 in)
F	Machine width (thermal aprons)	2310 mm (90.9 in)

WEIGHT & OPERATING CHARACTERISTICS

Operating weight	9590 kg (21 140 lb)
Maximum weight	24 000 kg (52 910 lb)
Max. transport speed	19 km/h (11.8 MPH)
Climbing ability	25%
Turning radius inner (edge) left	6180 mm (243.3 in)
Turning radius inner (edge) right	6065 mm (238.8 in)
Number of front wheels	4
Number of rear wheels	4
Size of tyres	11 × 20"

ENGINE

Manufacturer	Cummins QSB 3.3-C99
Power according to ISO 3046-1	74 kW (99 HP)
Maximum torque	415 (306) / 1600 Nm (ft lb) / rpm
Emmission class	EU Stage IIIA / U.S. EPA Tier 3
Number of cylinders	4
Cooling system of engine	Liquid

MISCELLANEOUS

Brakes operating	Drum
Brakes parking	Mechanical disc
Brakes emergency	Mechanical disc
Type of drive	Hydrodynamic
Number of driven wheels	4
Oscillation angle	3°
Angle of steering	32°
Type of watering	Pressure
Fuel tank capacity	250 l (66 gal)
Water for tyre watering	460 l (121.5 gal)
Voltage	12 V

STANDARD EQUIPMENT

- Operator platform with guard rails
- Lockable dashboard with vandalism guard
- Two driver's seats and steering wheels
- 4 + 4 smooth diagonal tyres 18 PR
- Air-on-run tyre inflation system
- Isostatic oscillating front axle
- Hydrodynamic rear axle drive
- Halogen work lights
- ATC - Ammann Traction Control

OPTIONAL EQUIPMENT

- CE conformity kit
- Cab ventilated and heated
- Air condition for Cab version
- ROPS structure
- Water ballast option (2.7 t)
- Additional ballast up to 24 t
- Thermal aprons
- Edge cutter
- Radial tyres