

AP 240 H

PNEUMATIC TYRED ROLLER

Tier 3

A SMOOTH OPERATION

The AP 240 H Tier 3 Pneumatic Tyred Roller combines Ammann engineering and design with a hydrostatic system to deliver cutting-edge propulsion. The full hydrostatic drive series includes a smooth start/stop function, cruise control and adjustable brake settings. The operating station slides and turns, providing excellent visibility while working. Four ballast options and the Air-on-run system, which allows the operator to adjust tyre pressure from the cab, ensure the machine is properly matched to the jobsite.

COMPACTION AND POWER

- Steerable front isostatic axle with oscillation
- Tyre widths and arrangement for consistent coverage and even weight distribution
- Turbo-aspirated Cummins diesel engine
- Rear drive axle

DISTINCTIVE ENGINEERING, DESIGN

- Rigid frame
- 1 turnable and slidable working station
- Intuitive control and handling
- Exceptional operator visibility
- Spacious, comfortable cab

STRESS-FREE MAINTENANCE

- Easy access to service points, drain ports and filters

BALLASTING AND WEIGHT ADJUSTMENT

- Air-on-run for effortless tyre pressure adjustment; controlled from cab
- Easy-to-adjust ballast
- Concrete ballast of 2800 kg
- Solid steel ballast of 6000 kg
- Additional ballasting space of 2.7 m³ in frame

APPLICATIONS

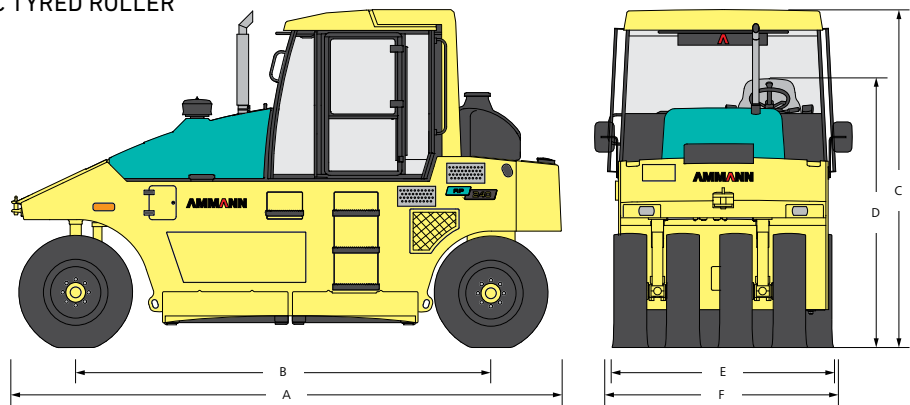
- Medium and large jobsites
- Transport construction (municipal and town roads, motorways, airfields)
- Building construction (houses and industrial zones)
- Asphalt mixtures up to 120 mm (after compaction)
- Hydraulically consolidated mixtures up to 150 mm
- Loam and clay soils up to 150 mm
- Mixed soils up to 200 mm
- Sand and gravel materials up to 250 mm
- Not suitable for the compaction of rockfill

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 H PNEUMATIC TYRED ROLLER
Tier 3



DIMENSIONS

A	MACHINE LENGTH	5040 mm (198.5 in)
A	MACHINE LENGTH (THERMAL APRONS)	5630 mm (221.7 in)
B	WHEELBASE	3800 mm (149.7 in)
C	MACHINE HEIGHT	3130 mm (123.3 in)
D	MACHINE HEIGHT (REMOVED ROPS)	2430 mm (95.7 in)
E	DRUM WIDTH	2040 mm (80.4 in)
F	MACHINE WIDTH	2100 mm (82.7 in)
F	MACHINE WIDTH (THERMAL APRONS)	2310 mm (91 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Mechanical multiple-disc
BRAKES EMERGENCY	Mechanical multiple-disc
TYPE OF DRIVE	Hydrostatic
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

ENGINE

MANUFACTURER	Cummins QSB 3.3-C99
POWER ACCORDING TO ISO 3046-1	74 kW (99 HP)
MAXIMUM TORQUE	412(304)/1400 Nm (ft lb)/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 3
NUMBER OF CYLINDERS	4
COOLING SYSTEM OF ENGINE	Liquid

WEIGHT & DRIVING CHARACTERISTICS

OPERATING WEIGHT	9630 kg (21 230 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)
NUMBER OF FRONT WHEELS	4
NUMBER OF REAR WHEELS	4
SIZE OF TYRES	11 x 20"



STANDARD EQUIPMENT

- Open driver's platform with railing and protection against vandalism
- 4 + 4 smooth diagonal tyres 18 PR
- Air-on-run tyre inflation system
- Isostatic oscillating front axle
- Rear axle with hydrostatic drive
- Halogen work lights

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