

ART 240

PNEUMATIC ROLLER

EU STAGE V / U.S. EPA TIER 4 FINAL



APPLICATIONS

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

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

OPTIONAL EQUIPMENT

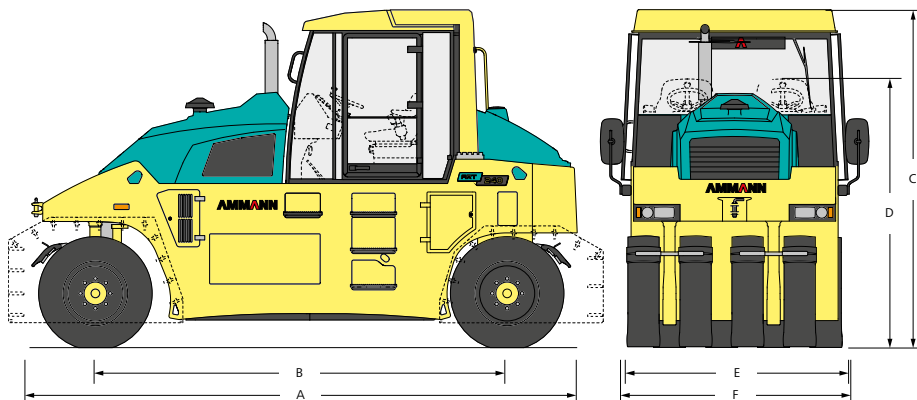
- A/C
- Additional mirrors
- Back-up alarm
- Back-up alarm adaptive
- Back-up light
- Ballast blocks under 4 x 0.75t
- Ballast blocks under 4 x 1.5t
- Ballast blocks under 4 x 2.0t
- Ballast empty boxes under 4x0.2t
- Ballast inside frame 1.0t
- Ballast inside frame 2.0t
- Ballast inside frame 4.0t
- Ballast inside frame 8.0t
- Canvas canopy ROPS mounted
- CE conformity
- Color scheme customer
- Edge cutter (no pressing wheel)
- Emulsion sprinkling system 60l
- Engine air inlet pre-cleaner
- Fire extinguisher
- FOPS cab
- FOPS ROPS mounted
- Frame ROPS
- Frame waterproof
- Greasing tool with wheel spanner
- Chock blocks
- Maintenance kit 1000h
- Maintenance kit 500h
- Radio FM
- Radio preparation
- Scrapers brushes tiltable
- Scrapers cocoa tiltable
- Seat belt 3"
- Spare wheel Dunlop
- Spare wheel Michelin
- Spare wheel Mitas diagonal
- Spare wheel Mitas radial
- Sun films on cab glasses
- Telematics preparation
- Telematics Servicelink plus
- Telematics trackunit
- Thermal aprons
- Toolset
- Towing hinge front
- Tyres Dunlop
- Tyres Michelin
- Tyres Mitas radial
- Warning beacon for cab
- Warning beacon for platform
- Warning beacon for ROPS

STANDARD EQUIPMENT

- Open driver's platform with railing and protection against vandalism
- 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

AMMANN

TECHNICAL SPECIFICATIONS
ART 240 PNEUMATIC ROLLER
EU STAGE V / U.S. EPA TIER 4F



DIMENSIONS

A	MACHINE LENGTH	5030 mm (198.0 in)
A	MACHINE LENGTH (THERMAL APRONS)	5780 mm (227.6 in)
B	WHEELBASE	3780 mm (148.8 in)
C	MACHINE HEIGHT	3130 mm (123.2 in)
D	MACHINE HEIGHT (REMOVED ROPS)	2380 mm (93.7 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)

ENGINE

TYPE	Deutz TCD3.6
POWER ACCORDING TO ISO 14396	74.4 kW (100 HP)
MAXIMUM TORQUE	410 / 1600 Nm/rpm
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4 Final
EXHAUST GAS AFTER-TREATMENT	EGR+DOC+DPF+SCR
NUMBER OF CYLINDERS	4
COOLING SYSTEM OF ENGINE	Liquid

WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	9980 kg (22 002 lb)
OPERATING WEIGHT MAX.	24 000 kg (52 910 lb)
MAX. TRANSPORT SPEED	18 km/h (11.2 MPH)
CLIMBING ABILITY	25%
TURNING RADIUS INNER (EDGE) LEFT	6200 mm (244.1 in)
TURNING RADIUS INNER (EDGE) RIGHT	6100 mm (240.2 in)
NUMBER OF FRONT WHEELS	4
NUMBER OF REAR WHEELS	4
SIZE OF TYRES	11 x 20"

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	390 l (103 gal)
VOLTAGE	24 V

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	250 mm (9.8 in)
MIXED SOILS	200 mm (7.9 in)
SILT	200 mm (7.9 in)
CLAY	150 mm (5.9 in)
STABILISATION	200 mm (7.9 in)
ASPHALT	120 mm (4.7 in)