

ART 240

PNEUMATIC TYRED ROLLER
EU Stage IV / US EPA Tier 4f



REDUCING EMISSIONS

The Ammann ART 240 Pneumatic Tyred Roller does more than lower emissions. The EU Stage IV / US EPA Tier 4f machine provides all the key benefits of other Ammann tyred rollers, including consistent coverage and even weight distribution. The propulsion system and rear drive axle provide the necessary power, whether working with or without ballast. Four ballast options and the air-on-run system ensure the machine is properly matched to the jobsite. The machines are easy to handle, helping operators of all experience levels succeed.

COMPACTION AND POWER

- Steerable front oscillating isostatic axle
- Tyre widths and arrangement for consistent coverage and even weight distribution
- Rear drive axle

DISTINCTIVE ENGINEERING, DESIGN

- Propulsion system for performance regardless of tyre pressures or ballast weight
- Rigid frame
- 2 working stations
- Intuitive control and handling
- Exceptional operator visibility
- Spacious, comfortable cab

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 3m³ in frame

STRESS-FREE MAINTENANCE

- Easy access to service points, drain ports and filters
- Extended service intervals

APPLICATIONS

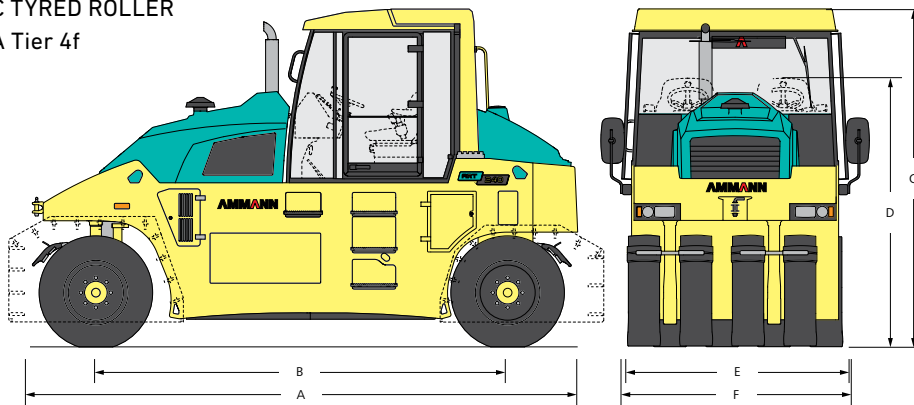
- Medium and large jobsites
- Transport construction (municipal and town roads, motorways, airfields)
- Building construction (houses and industrial zones)
- Asphalt mixtures up to 120 mm (after compaction)
- Hydraulically consolidated mixtures up to 150 mm
- Loam and clay soils up to 150 mm
- Mixed 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	Asphalt
ART 240	250 mm (9,8 in)	200 mm (7,9 in)	200 mm (7,9 in)	150 mm (5,9 in)	200 mm (7,9 in)	120 mm (4,7 in)

AMMANN

TECHNICAL SPECIFICATIONS
 ART 240 PNEUMATIC TYRED ROLLER
 EU Stage IV / US 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	DRUM 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 & DRIVING CHARACTERISTICS

OPERATING WEIGHT	9700 kg (21 380 lb)
MAXIMUM WEIGHT	24 000kg (52 910 lb)
MAX. TRANSPORT SPEED	19 km/h (11.8 MPH)
CLIMBING ABILITY	25 %
TURNING RADIUS INNER (EDGE) LEFT	6200 mm (244,1 in)
NUMBER OF FRONT WHEELS	4
NUMBER OF REAR WHEELS	4
SIZE OF TYRES	11,00x20"

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

ENGINE

MANUFACTURER	Deutz TCD3.6
POWER ACCORDING TO ISO 14396	74,4 kW (100 HP)
MAXIMUM TORQUE	410 / 1600 Nm/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IV / US EPA Tier 4f
NUMBER OF CYLINDERS	4
COOLING SYSTEM OF ENGINE	Liquid



STANDARD EQUIPMENT

- CE conformity kit
- 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

OPTIONAL EQUIPMENT

- 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

For additional product information and services please visit:
www.ammann.com

Materials and specification data are subject to change without notice.
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