ARX 90.2-2

ARTICULATED TANDEM ROLLER

EU STAGEIIIA / U.S. EPA TIER 3



APPLICATIONS

- Small and medium jobsites
- Transportation construction roads
- Municipal and local roads
- Housing developments
- Industrial zone roads and parking areas
- City centers

PRODUCTIVITY

Precise compaction performance
Two-stage vibratory system enables adjustment to a particular jobsite.

Smooth rolling
Advanced drive system prevents sudden starts and stops during machine operation.

ERGONOMICS

Platform and cab
Spacious and quiet, with 360° visibility.

Operator station
Provides high comfort and safety.

SERVICEABILITY

Minimized downtime
Heavy duty components and robust construction.

Reduced maintenance
Extended service intervals; easy-to-reach maintenance points.

SUSTAINABILITY

ECOdrop
Improved efficiency, reduced use of fluids

Digitalization
Advanced monitoring and measuring systems.

OPTIONAL EQUIPMENT

- Additional documentation printed
- Additional mirrors rear
- Ammann Documentation Syst. ADS
- Ammann Documentation Syst. ADS RTK
- Ammann Traction Control - ATC
- AmmannCare Silver
- AmmannCare Gold
- AmmannCare Platinum
- AmmannCare Diamond
- Back-up alarm
- Back-up alarm adaptive
- Certificate of origin
- Color scheme customer
- Compaction measuring system ACE
- Container shipment preparation
- Edge cutter 45° (front right)
- Frame steps foldable rear
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance Kit 2000h
- Maintenance Kit 1000h
- Maintenance Kit 500h
- Platform with hard canopy foldable
- Platform with ROPS cabin
- Platform with ROPS cabin A/C
- Platform with ROPS/FOPS
- Radio FM
- Rear view camera
- Road lights incl. turn signals LED
- Safety cover fan
- Seat belt 3”
- Slow moving vehicle triangle
- Sprinkling system second antifreeze pump
- Sun films on cab glasses
- Sun visor
- Telematics Preparation
- Telematics ServiceLink Plus
- Telematics ServiceLink Pro
- Toolset
- Warning beacon LED
- Warning beacon LED for canopy

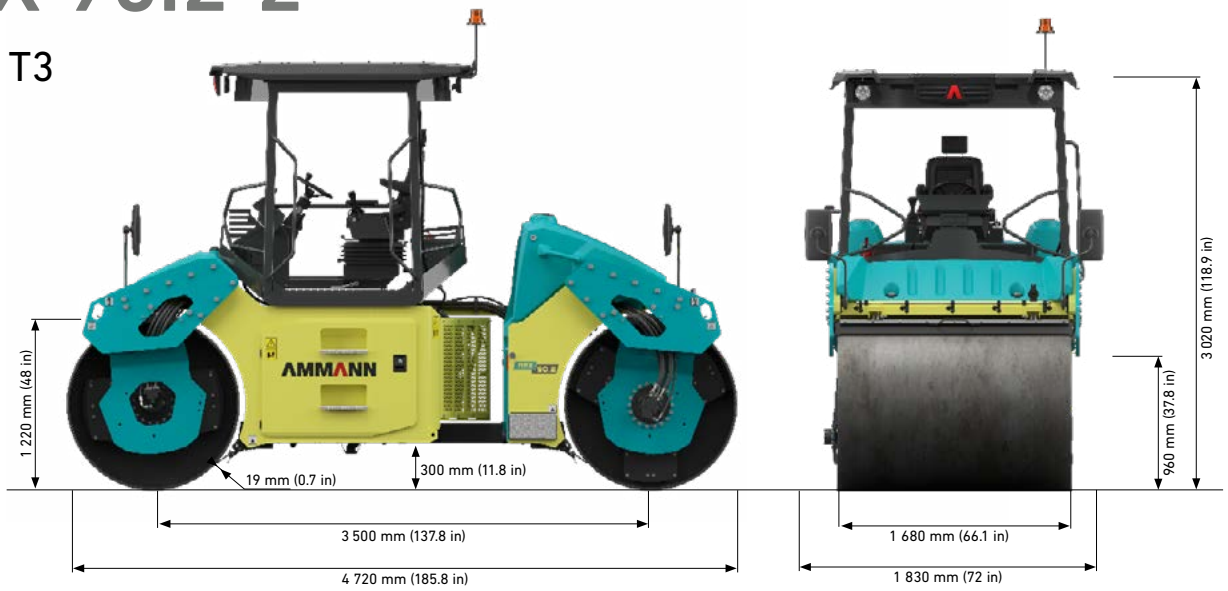
STANDARD EQUIPMENT

- 2 amplitudes / 2 frequencies
- Adjustable steering column
- Ammann color design and decals
- Anti-vandal dashboard cover
- Battery disconnection switch
- Double drum version: Front and rear drive and vibration
- ECOdrop
- Multi-functional display for machine control and overview
- On-board diagnostics
- Operator’s station with one drive lever (RH)
- Platform with rails
- Pressure water sprinkling with interval switch, 2 stage filtration and 1 pump
- Standard hydraulic oil
- Swiveling (60°) and horizontally adjustable driver’s seat with armrests
- Telematics Readiness
- Test ports on hydro-components
- Tiltable scrapers
- Two non-split drums
- Working lights

AMMANN

ARX 90.2-2

StIIIA / T3



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT (OPEN PLATFROM)	9 020 kg (19.886 lb)
OPERATING WEIGHT MAX.	9 920 kg (21.870 lb)
STATIC LINEAR LOAD AVG.	27,2 kg/cm (152.3 lb/in)
MAX. SPEED	11 km/h (6.8 MPH)
GRADEABILITY WITHOUT VIBRATION	35%
GRADEABILITY WITH VIBRATION	30%
TURNING RADIUS (INNER)	5 650 mm (222.4 in)

ENGINE

MANUFACTURER	Cummins
ENGINE TYPE	QSF4.5
ENGINE SPEED	2200
POWER OUTPUT	90 kW / 120HP
EMISSION STAGE	EU StageIIIA / U.S. EPA Tier 3
EXHAUST GAS AFTER-TREARTMENT	N/A

COMPACTION FORCES

FREQUENCY I	43 Hz (2 580 vpm)
FREQUENCY II	55 Hz (3 300 vpm)
CENTRIFUGAL FORCE I	80 kN (17 985 lbf)
CENTRIFUGAL FORCE II	65 kN (14 613 lbf)
AMPLITUDE I	0,7 mm (0.028 in)
AMPLITUDE II	0,35 mm (0.014 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	190 l (50.2 gal)
WATER TANK CAPACITY	800 l (211.3 gal)
TYPE OF WATTERING	Pressure
HYDRAULIC OIL CAPACITY	70 l (18.5 gal)
STEERING ANGLE	±30°
OSCILLATION ANGLE	±6°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	2x90 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	400 mm (15.7 in)
MIXED SOILS	300 mm (11.8 in)
SILT	–
CLAY	–
STABILISATION	200 mm (7.9 in)
ASPHALT	140 mm (5.5 in)

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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