

ARX 23.1-2C

LIGHT TANDEM VIBRATORY ROLLER

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

APPLICATIONS

- Small and medium construction sites
- Road maintenance
- City street repairs
- Confined work spaces
- Pathways
- Playgrounds, golf courses



PRODUCTIVITY

Smooth rolling

No sudden starts and stops during machine operation.

Compaction performance

Varied machine sizes ensure proper fits for the application and jobsite.

ERGONOMICS

The **operator platform** is designed for comfort, ensuring a pleasant experience no matter the duration of the shift.

The operator station offers 360° all-around machine visibility from the seat to maximize safety on the jobsite.

SERVICEABILITY

Low downtime

Robust design that protects components.

Reduced maintenance

Easy-to-reach maintenance points.

SUSTAINABILITY

ECOdrops

Improved efficiency, reduced use of fluids.

Advanced technologies

Machine usage controlled to bring efficiency, productivity – and enable precise documentation.

OPTIONAL EQUIPMENT

- Additional documentation printed
- Additional lights for hard canopy
- Additional Lights for ROPS
- Additional mirror
- Ammann Traction Control (ATC)
- AmmannCare Gold
- AmmannCare Silver
- AmmannCare Platinum
- AmmannCare Diamond
- Back-up alarm
- Back-up alarm adaptive
- CE conformity
- Central lifting point
- Certificate of origin
- Color scheme customer
- Compaction Measuring System ACE^{force}
- Drive lever additional left
- Edge cutter 45° (front right)
- Frame ROPS
- Frame ROPS foam protection
- Hard canopy ROPS mounted
- Hard driving
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance kit 1000h
- Maintenance kit 250h
- Maintenance kit 500h
- Maintenance kit 50h
- Overseas shipping preparation
- Registration plate holder
- Road lights
- Road lights incl. turn signals
- Scrapers combi tiltable
- Seat activation warning switch
- Seat belt 3"
- Seat options armrests
- Seat options seat heating
- Telematics ServiceLink Light
- Telematics ServiceLink Pro
- Toolset
- Transport accessories
- Warning beacon green LED
- Warning beacon LED for hard canopy
- Warning beacon LED for ROPS
- Warning beacon LED green for hard canopy
- Warning beacon permanently activated
- Water tank lock

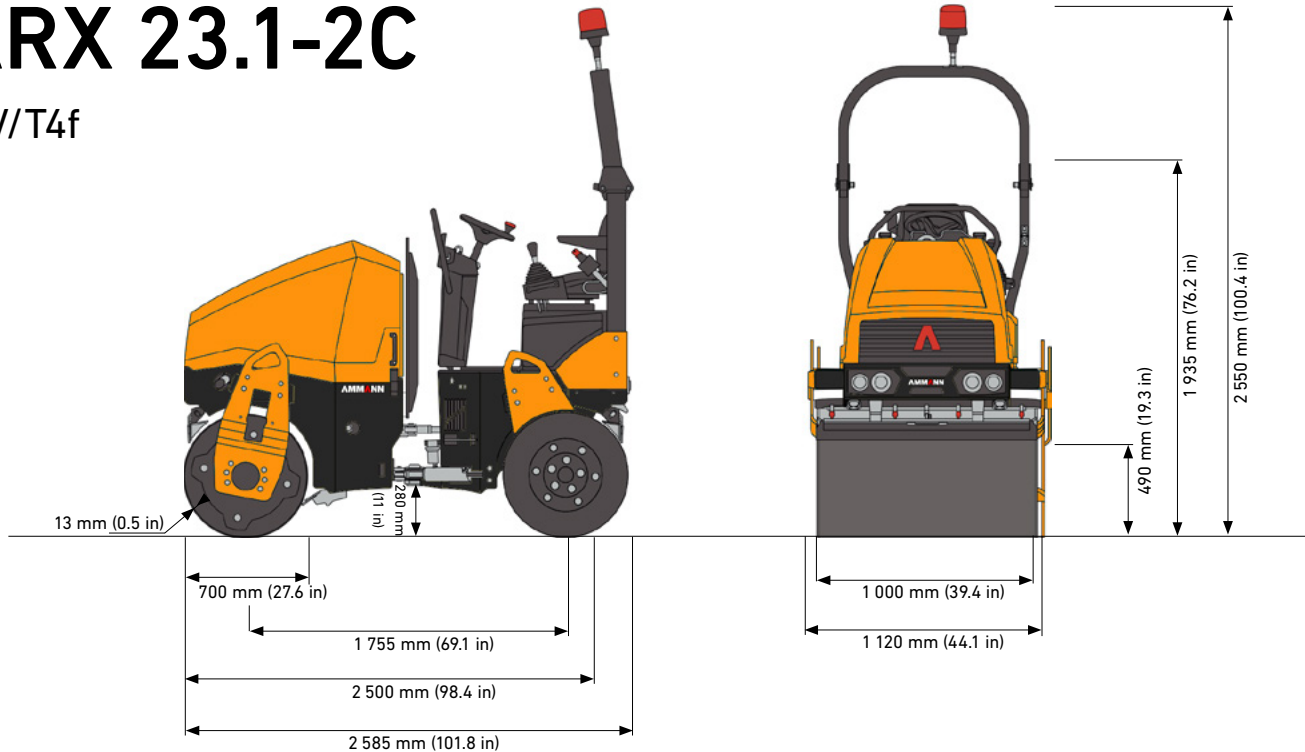
STANDARD EQUIPMENT

- Ammann color design and decals
- Articulation joint with oscillation and offset
- AVC - Automatic Vibration Control
- Battery disconnection switch
- Electronic drive lever
- Emulsion-spraying
- Fixed scrapers
- Front and rear drive / front vibration
- Multi-functional display for machine overview
- One non-split drum / 4 tyres in rear
- On-board diagnostics
- Open platform with safety handles
- Operator station with one drive lever (RH)
- Pressure water sprinkling with interval switch, 2 stage filtration
- Slideable and horizontally adjustable driver's seat
- Standard hydraulic oil
- Telematics ready
- 1 amplitude / 2 frequencies

AMMANN

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StV/T4f



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	2 135 kg (4,707 lb)
OPERATING WEIGHT MAX.	2 310 kg (5,093 lb)
STATIC LINEAR LOAD AVG.	10.7 kg/cm (59.9 lb/in)
MAX. SPEED	10 km/h (6.2 MPH)
GRADEABILITY WITHOUT VIBRATION	30%
GRADEABILITY WITH VIBRATION	25%
TURNING RADIUS (INNER)	2 500 mm (98.4 in)

ENGINE

MANUFACTURER	Kubota
ENGINE TYPE	D1703-M-DI
ENGINE SPEED	2100 / 2400 rpm
POWER OUTPUT SAE J1995	18.5 kW / 24.8 HP
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4 Final

COMPACTION FORCES

AMPLITUDE I+II	0.5 mm (0.020 in)
FREQUENCY I	58 Hz (3,480 vpm)
FREQUENCY II	66 Hz (3,960 vpm)
CENTRIFUGAL FORCE I	30 kN (6,744 lbf)
CENTRIFUGAL FORCE II	35 kN (7,868 lbf)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	35 l (9.2 gal)
WATER TANK CAPACITY	190 l (50.2 gal)
ANTI-ADHESIVE TANK	12 l (3.2 gal)
TYPE OF WATERING	Pressure
HYDRAULIC OIL CAPACITY	28.5 l (7.5 gal)
STEERING ANGLE	±30°
OSCILLATION ANGLE	±6.5°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	77 Ah
NUMBER OF WHEELS	4 pcs
SIZE OF TYRES	205/ 60-R15
WHEEL LOAD	260 kg (573 lb)

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	220 mm (8.7 in)
MIXED SOILS	150 mm (5.9 in)
SILT	–
CLAY	–
STABILISATION	100 mm (3.9 in)
ASPHALT	80 mm (3.1 in)

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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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