

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

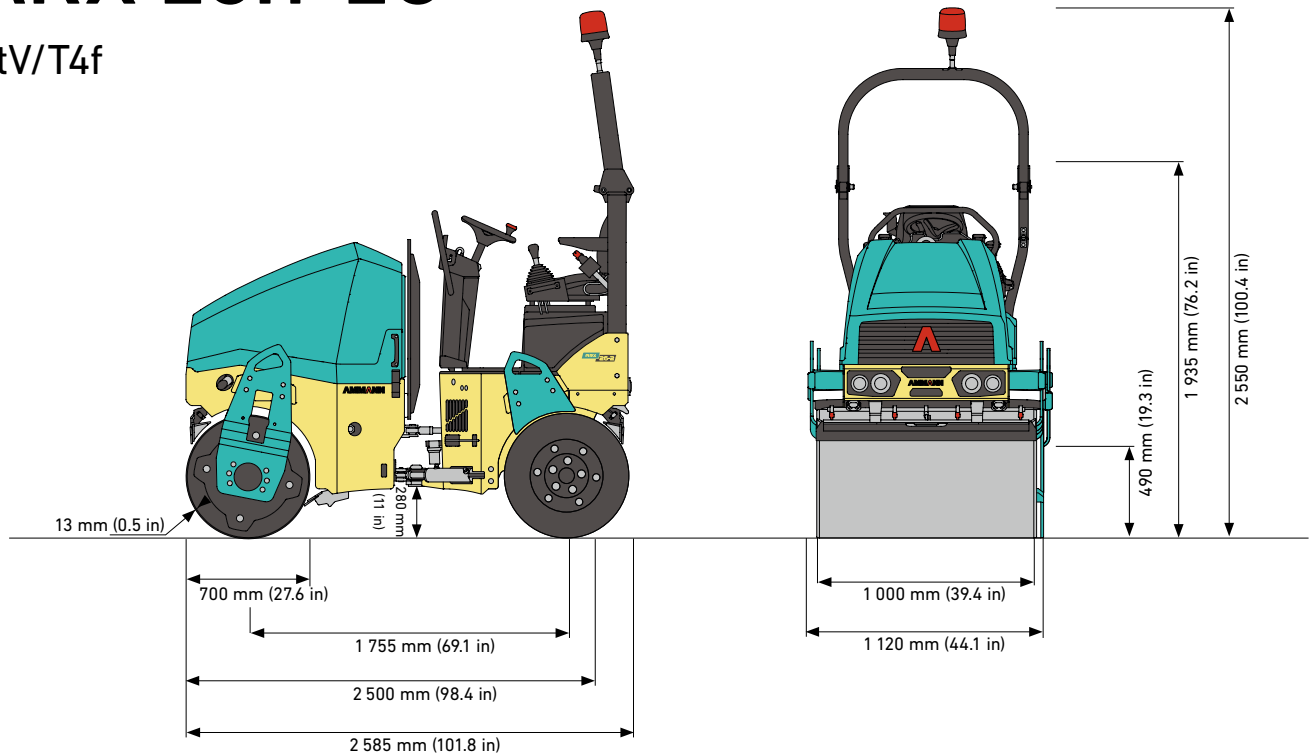
STANDARD EQUIPMENT

- 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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