

ARX 23.1-2

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

ECodrop

Improved efficiency, reduced use of fluids.

Advanced technologies

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

OPTIONAL EQUIPMENT

- Two non-split drums, in-line
- Additional documentation printed
- Additional lights for hard canopy
- Additional Lights for ROPS
- Additional Lights for ROPS with Beacon
- Additional lights for ROPS/FOPS
- Additional lights for ROPS/FOPS with beacon
- Additional mirror
- Ammann Traction Control (ATC)
- AmmannCare Gold
- AmmannCare Silver
- 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/FOPS
- Hard canopy ROPS mounted
- Hard driving
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance kit 1000h
- Maintenance kit 500h
- Maintenance kit 250h
- Maintenance kit 50h
- Overseas shipping preparation
- Registration plate holder
- Road lights
- Road lights incl. turn signals
- Scrapers double drum tilttable
- Seat activation warning switch
- Seat belt 3"
- Seat options armrests
- Seat options seat heating
- Telematics ServiceLink Light
- Telematics ServiceLink Plus
- Toolset
- Transport accessories
- Warning beacon green LED
- Warning beacon green LED for ROPS/FOPS
- Warning beacon LED for hard canopy
- Warning beacon LED for ROPS
- Warning beacon LED green for hard canopy
- Warning beacon LED ROPS/FOPS
- Warning beacon permanently activated
- Water tank lock

STANDARD EQUIPMENT

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

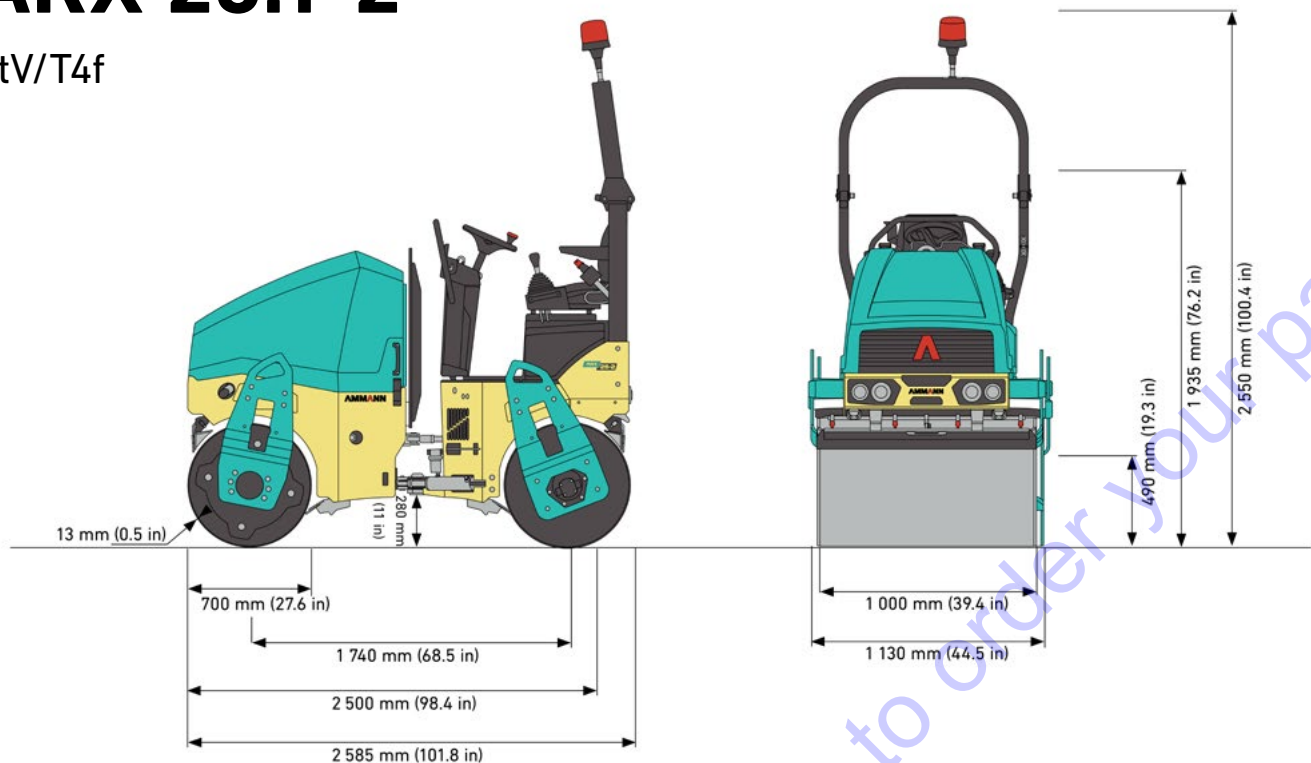


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AMMANN

ARX 23.1-2

StV/T4f



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	2 260 kg (4,982 lb)
OPERATING WEIGHT MAX.	2 495 kg (5,501 lb)
STATIC LINEAR LOAD AVG.	10,8 kg/cm (60.5 lb/in)
MAX. WORKING SPEED	10 km/h (6.2 MPH)
GRADEABILITY WITHOUT VIBRATION	30%
GRADEABILITY WITH VIBRATION	25%
TURNING RADIUS (INNER)	2 500 mm (98.4 in)
DRUM OFFSET	40 mm (1.6 in)

ENGINE

MANUFACTURER	Kubota	Yanmar
ENGINE TYPE	D1703-M-DI	3TNV80F
ENGINE SPEED	2100 / 2400 rpm	
POWER OUTPUT ISO 3046	18,5 kW / 24,8 HP	
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4 Final	

COMPACTION FORCES

AMPLITUDE I	0,5 mm (0.020 in)
AMPLITUDE 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)
TYPE OF WATERING	Pressure
HYDRAULIC TANK CAPACITY	28,5 l (7.5 gal)
STEERING ANGLE	±30°
OSCILLATION ANGLE	±6,5°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	77 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	N/A
SAND / GRAVEL	250 mm (9.8 in)
MIXED SOILS	180 mm (7.1 in)
SILT	N/A
CLAY	N/A
STABILISATION	120 mm (4.7 in)
ASPHALT	100 mm (3.9 in)



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Materials and specification data are subject to change without notice.
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