

# 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

#### ECOdop

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<sup>force</sup>
- 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 double drum tiltable
- Seat activation warning switch
- Seat belt 3"
- Seat options armrests
- Seat options seat heating
- Telematics ServiceLink Light
- Telematics ServiceLink Pro
- Toolset
- Two non-split drums, in-line
- 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

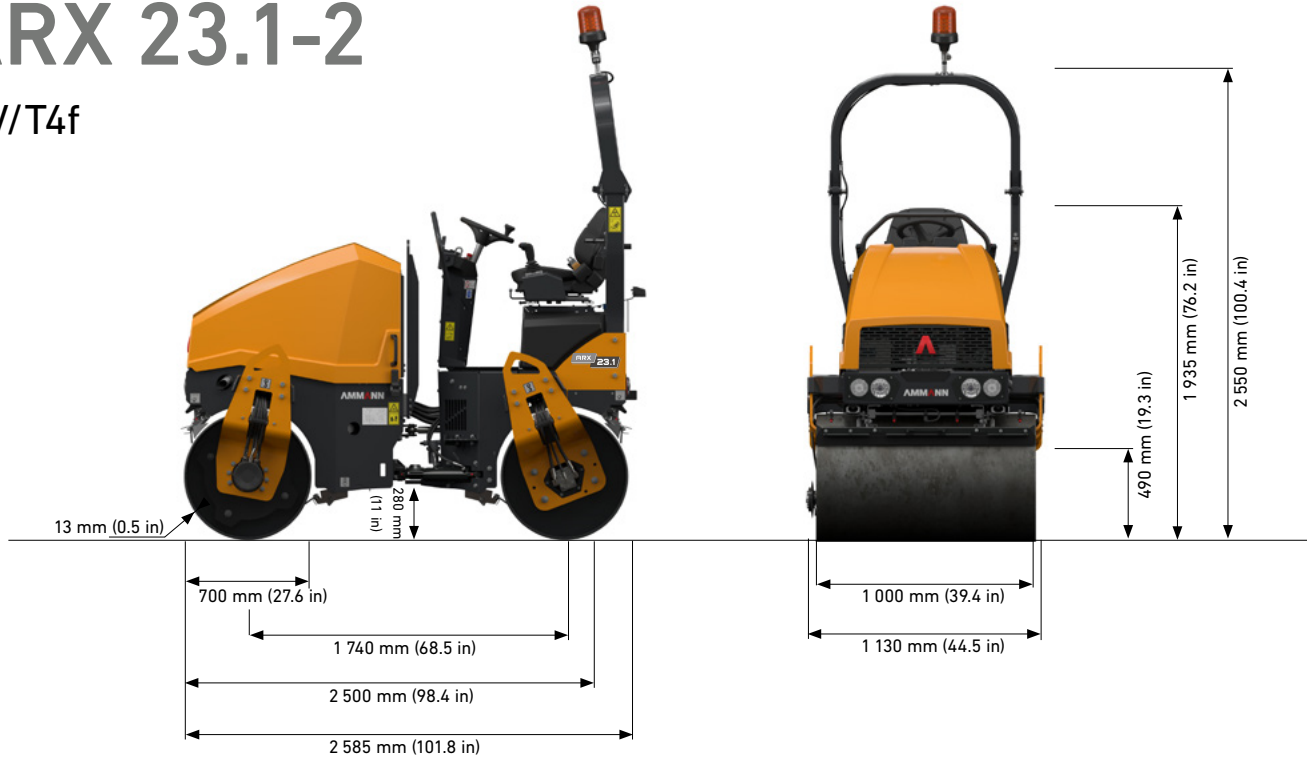
### STANDARD EQUIPMENT

- Ammann color design and decals
- Articulation joint with oscillation and offset
- AVC - Automatic Vibration Control
- Battery disconnection switch
- Electronic drive lever
- Fixed scrapers
- Front and rear drive and vibration
- Multi-functional display for machine overview
- 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               | 2 275 kg (5016 lb)      |
| OPERATING WEIGHT MAX.          | 2 495 kg (5501 lb)      |
| STATIC LINEAR LOAD AVG.        | 10.8 kg/cm (60.5 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)      |
| DRUM OFFSET                    | 40 mm (1.6 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 (3480 vpm)  |
| FREQUENCY II         | 66 Hz (3960 vpm)  |
| CENTRIFUGAL FORCE I  | 30 kN (6744 lbf)  |
| CENTRIFUGAL FORCE II | 35 kN (7868 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 OIL 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      | –               |
| SAND / GRAVEL | 250 mm (9.8 in) |
| MIXED SOILS   | 180 mm (7.1 in) |
| SILT          | –               |
| CLAY          | –               |
| STABILISATION | 120 mm (4.7 in) |
| ASPHALT       | 100 mm (3.9 in) |

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For additional product information and services please visit: [www.ammann.com](http://www.ammann.com)  
Materials and specification data are subject to change without notice.

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