

ARX 12-2

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

- Additional documentation printed
- Additional lights for hard canopy
- Additional Lights for ROPS
- Additional mirror
- AmmannCare Gold
- AmmannCare Silver
- AmmannCare Platinum
- AmmannCare Diamond
- Back-up alarm
- Back-up alarm adaptive
- CE conformity
- Certificate of origin
- Color scheme customer
- Drive lever additional left
- Edge cutter 45° (front left)
- Frame ROPS
- Frame ROPS foam protection
- Hard canopy ROPS mounted
- Hard driving
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance kit 1000h
- Maintenance kit 200h
- 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
- 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
- Warning beacon with holder
- Water tank lock

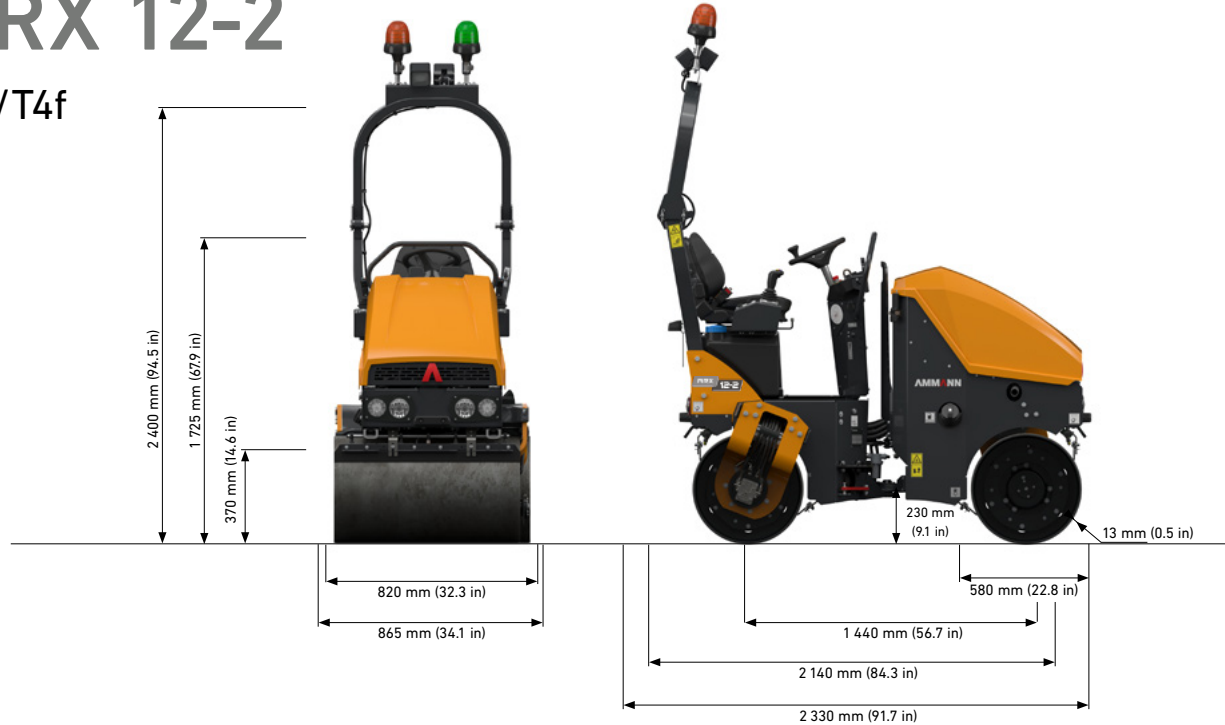
STANDARD EQUIPMENT

- Ammann color design and decals
- Ammann Traction Control (ATC)
- Articulation joint with oscillation
- AVC - Automatic Vibration Control
- Battery disconnection switch
- Central lifting point
- Electronic drive lever
- Fixed scrapers
- Front and rear drive and vibration
- Front and rear side free drum attachment
- Horizontally adjustable driver's seat
- 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
- Standard hydraulic oil
- Telematics ready
- 1 amplitude / 2 frequencies

AMMANN

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StV/T4f



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	1 470 kg (3,241 lb)
OPERATING WEIGHT MAX.	1 610 kg (3,549 lb)
STATIC LINEAR LOAD AVG.	8,9 kg/cm (49.8 lb/in)
MAX. SPEED	8 km/h (5 MPH)
GRADEABILITY WITHOUT VIBRATION	35%
GRADEABILITY WITH VIBRATION	30%
TURNING RADIUS (INNER)	2 160 mm (85 in)
DRUM OFFSET	48 mm (1.9 in)

ENGINE

MANUFACTURER	Kubota
ENGINE TYPE	D1105
ENGINE SPEED	2400 / 2600 rpm
POWER OUTPUT SAE J1995	15,6 kW / 21,2 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	60 Hz (3,600 vpm)
FREQUENCY II	70 Hz (4,200 vpm)
CENTRIFUGAL FORCE I	19 kN (4,271 lbf)
CENTRIFUGAL FORCE II	22 kN (4,946 lbf)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	24 l (6.3 gal)
WATER TANK CAPACITY	110 l (29.1 gal)
TYPE OF WATERING	Pressure
HYDRAULIC OIL CAPACITY	28,5 l (7.5 gal)
STEERING ANGLE	±30°
OSCILLATION ANGLE	±6°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	77 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	200 mm (7.9 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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