

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
- Hard canopy ROPS mounted
- Hard driving
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance kit 1000h
- Maintenance kit 500h
- Maintenance kit 200h
- Maintenance kit 50h
- Overseas shipping preparation
- Registration plate holder, incl. light
- 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

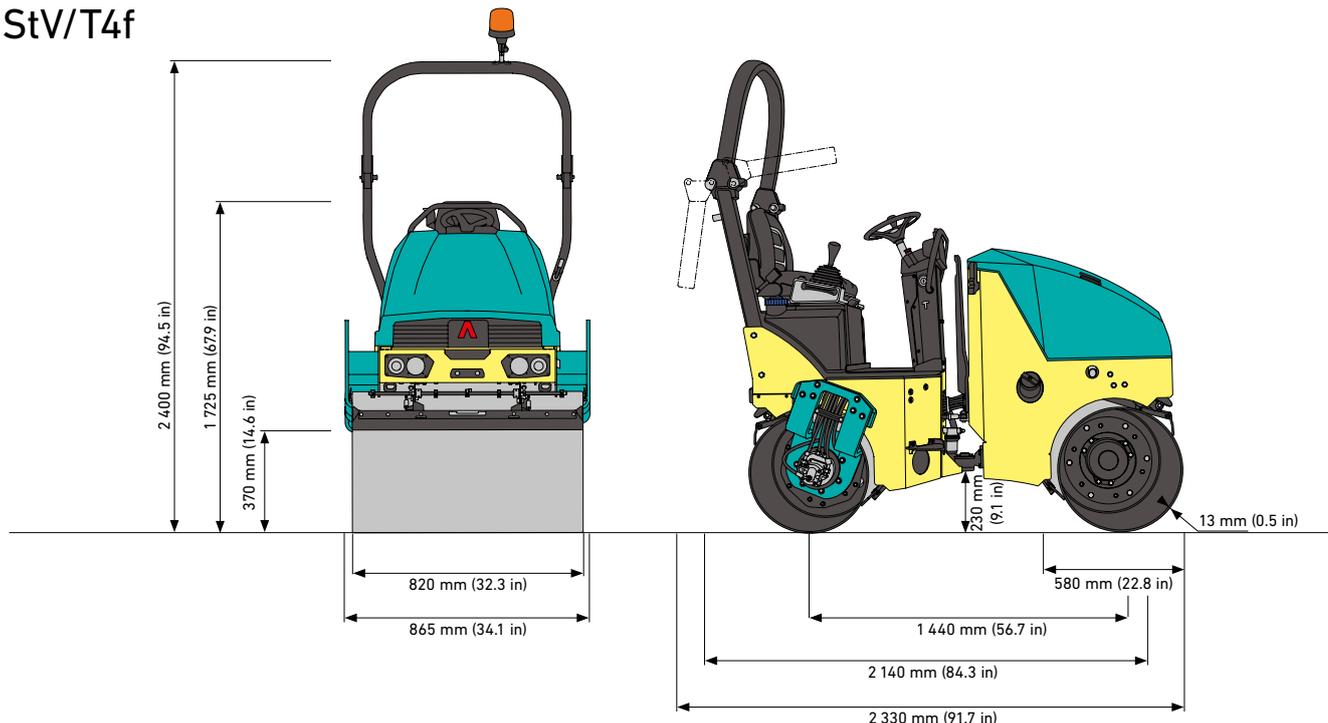
STANDARD EQUIPMENT

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

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. WORKING 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	0,5 mm (0.020 in)
AMPLITUDE 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 TANK 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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