

ARX 45-2

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 mirror
- Ammann Traction Control (ATC)
- AmmannCare Gold
- AmmannCare Silver
- Back-up alarm
- Back-up alarm adaptive
- CE conformity
- Certificate of origin
- Color scheme customer
- Compaction Measuring System ACE^{force}
- Drive lever additional left
- Edge cutter 45° (front right)
- Frame ROPS
- 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 tiltable
- 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 LED for hard canopy
- Warning beacon LED for ROPS
- Warning beacon LED green for hard canopy
- Warning beacon permanently activated
- Water tank lock

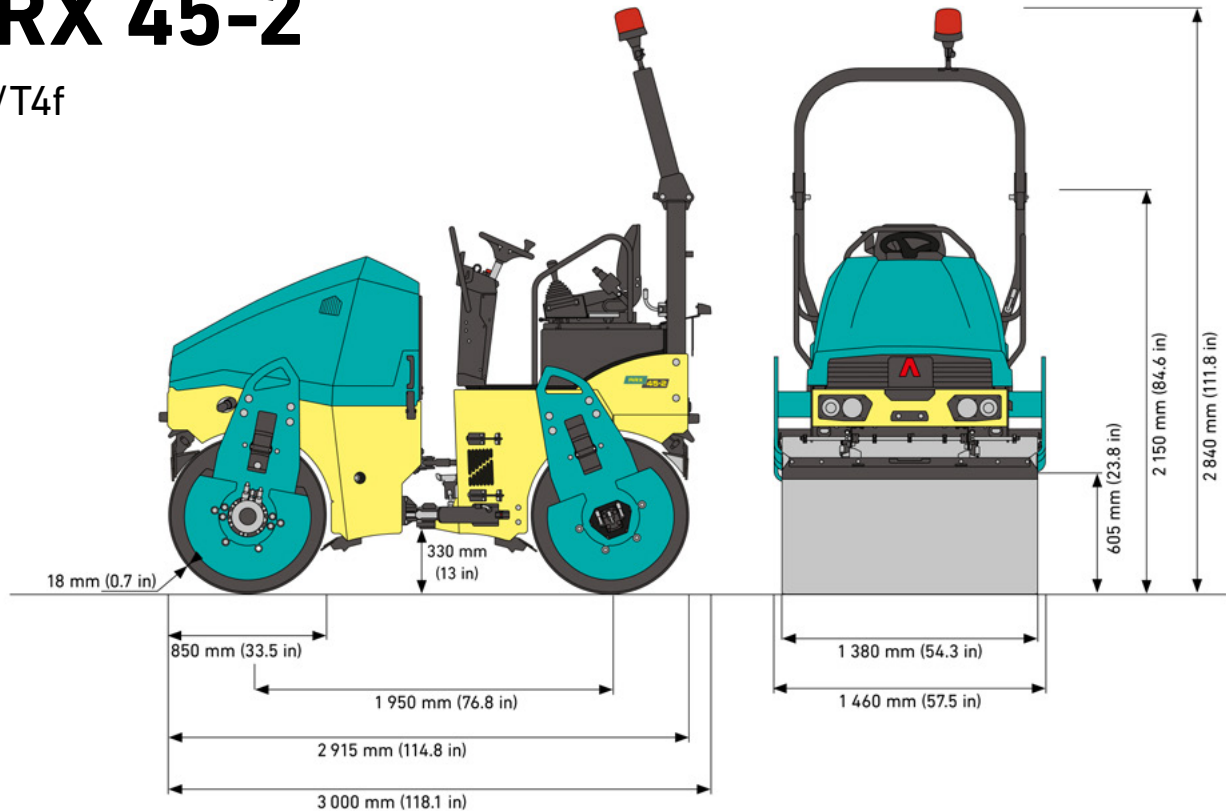
STANDARD EQUIPMENT

- 2 amplitudes / 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

AMMANN

ARX 45-2

StV/T4f



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	4 395 kg (9,689 lb)
OPERATING WEIGHT MAX.	4 685 kg (10,329 lb)
STATIC LINEAR LOAD AVG.	16,6 kg/cm (93 lb/in)
MAX. WORKING SPEED	10 km/h (6.2 MPH)
GRADEABILITY WITHOUT VIBRATION	40%
GRADEABILITY WITH VIBRATION	30%
TURNING RADIUS (INNER)	2 670 mm (105.1 in)
DRUM OFFSET	40 mm (1.6 in)

ENGINE

MANUFACTURER	Kubota
ENGINE TYPE	D1803-CR-T
ENGINE SPEED	2400 rpm
POWER OUTPUT ISO 3046	32,8 kW / 44 HP
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4 Final
EXHAUST GAS AFTER-TREATMENT	EGR+DOC+DPF

COMPACTION FORCES

AMPLITUDE I	0,6 mm (0.024 in)
AMPLITUDE II	0,4 mm (0.016 in)
FREQUENCY I	41 Hz (2,460 vpm)
FREQUENCY II	55 Hz (3,300 vpm)
CENTRIFUGAL FORCE I	45 kN (10,116 lbf)
CENTRIFUGAL FORCE II	56,4 kN (12,679 lbf)
CENTRIFUGAL FORCE III	57,6 kN (12,949 lbf)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	57 l (15.1 gal)
WATER TANK CAPACITY	340 l (89.8 gal)
TYPE OF WATERING	Pressure
HYDRAULIC TANK CAPACITY	53,5 l (14.1 gal)
STEERING ANGLE	±35°
OSCILLATION ANGLE	±9°
BATTERY VOLTAGE	12 V
BATTERY CAPACITY	77 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	N/A
SAND / GRAVEL	300 mm (11.8 in)
MIXED SOILS	200 mm (7.9 in)
SILT	N/A
CLAY	N/A
STABILISATION	150 mm (5.9 in)
ASPHALT	120 mm (4.7 in)