ARX 45-2

LIGHT TANDEM VIBRATORY ROLLER

EU STAGE IIIA / U.S. EPA TIER 4 INTERIM



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
- Ammann Traction Control (ATC)
- AmmannCare Gold
- AmmannCare Silver
- AmmannCare Platinum
- AmmannCare Diamond
- 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
- 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
- Transport accessories
- 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
- Water tank lock

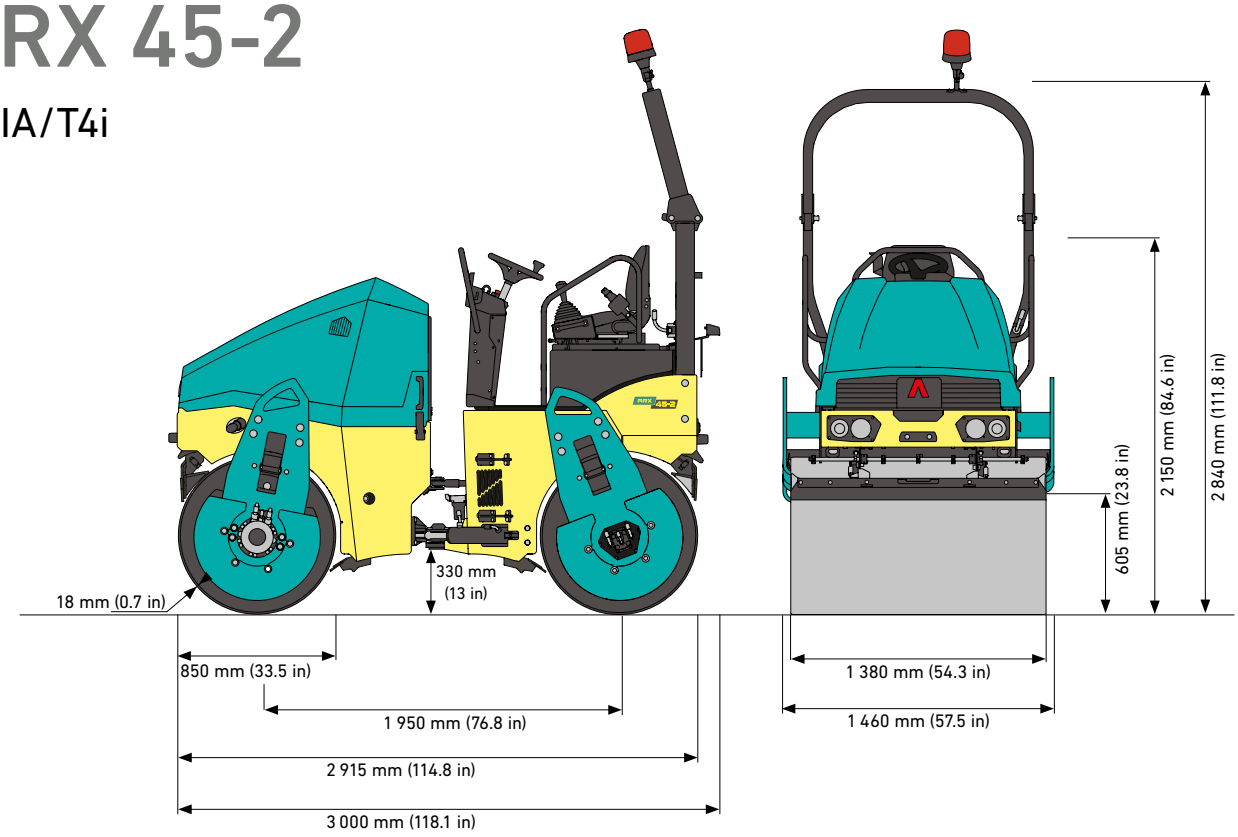
STANDARD EQUIPMENT

- 2 amplitudes / 2 frequencies
- 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

AMMANN

ARX 45-2

StIIIA/T4i



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	4 430 kg (9281 lb)
OPERATING WEIGHT MAX.	4 695 kg (10351 lb)
STATIC LINEAR LOAD AVG.	16.6 kg/cm (93 lb/in)
MAX. 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	V2403-M
ENGINE SPEED	2400 rpm
POWER OUTPUT SAE J1995	34.1 kW / 45.7 HP
EMISSION STAGE	EU Stage IIIA / U.S. EPA Tier 4i

COMPACTION FORCES

AMPLITUDE I	0.6 mm (0.024 in)
AMPLITUDE II+III	0.4 mm (0.016 in)
FREQUENCY I+III	41 Hz (2460 vpm)
FREQUENCY II	55 Hz (3300 vpm)
CENTRIFUGAL FORCE III	45 kN (10116 lbf)
CENTRIFUGAL FORCE II	56.4 kN (12679 lbf)
CENTRIFUGAL FORCE I	57.6 kN (12949 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 OIL CAPACITY	53.5 l (14.1 gal)
STEERING ANGLE	±35°
OSCILLATION ANGLE	±9°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	77 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

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

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