

# 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

- 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<sup>force</sup>
- 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

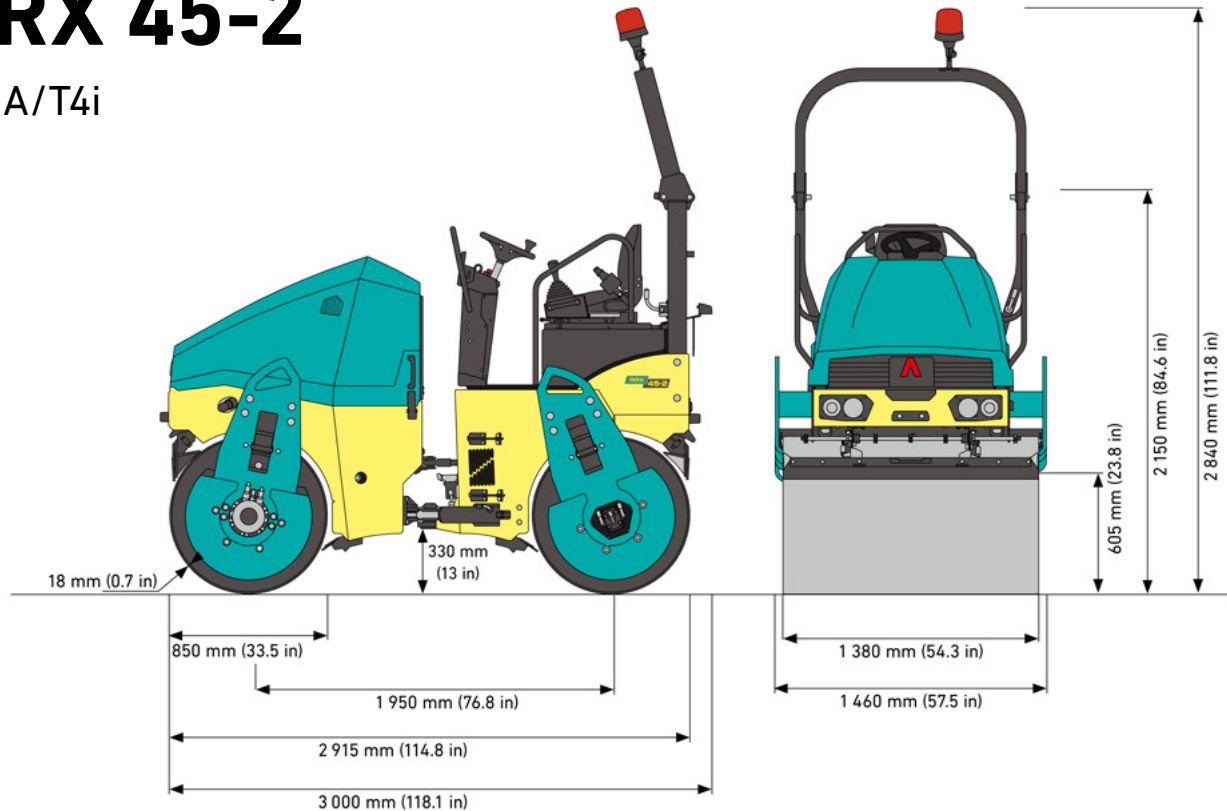
### STANDARD EQUIPMENT

- 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

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## WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	4 405 kg (9,711 lb)
OPERATING WEIGHT MAX.	4 695 kg (10,351 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	V2403-M
ENGINE SPEED	2400 rpm
POWER OUTPUT ISO 3046	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	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	12V
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)