ARX 10.1

LIGHT TANDEM VIBRATORY ROLLER

EU STAGE V / U.S. EPA PHASE III



APPLICATIONS

- Small and medium construction sites
- Road maintenance
- City street repairs
- Confined work spaces
- Pathways
- Playgrounds, golf courses

PRODUCTIVITY

Smart design
that provides diverse benefits to enhance machine performance and overall productivity.

A single-stage vibratory system makes the machine an invaluable tool on the jobsite, delivering optimal **compaction performance**.

ERGONOMICS

The **operator platform** is designed for comfort, ensuring a pleasant experience no matter the duration of the shift.

The **operator station** offers 360° visibility 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
- Frame ROPS
- Hard canopy ROPS mounted
- Hydraulic oil biodegradable
- Maintenance kit 100h
- Overseas shipping preparation
- Seat activation warning switch
- Seat belt 3"
- Telematics ServiceLink Light
- Toolset
- Warning beacon LED for hard canopy
- Warning beacon LED for ROPS
- Water tank lock
- Working lights

STANDARD EQUIPMENT

- Ammann color design and decals
- Articulation joint with oscillation
- Central lifting point
- Fixed scrapers
- Front and rear side free drum attachement
- Horizontally adjustable driver's seat
- Mechanical drive lever
- Multi-functional display for machine overview
- Open platform with safety handles
- Operator station with one drive lever (RH)
- Pressure water sprinkling with interval switch, 2 stage filtration
- Standard hydraulic oil
- Two non-split drums, in-line
- 1 amplitude / 1 frequencies

AMMANN

ARX 10.1

StV/Phase III



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	1 310 kg (2,888 lb)
OPERATING WEIGHT MAX.	1 398 kg (3,082 lb)
STATIC LINEAR LOAD AVG.	7.2 kg/cm (40.3 lb/in)
MAX. SPEED	7.5 km/h (4.7 MPH)
GRADEABILITY WITHOUT VIBRATION	30%
GRADEABILITY WITH VIBRATION	30%
TURNING RADIUS (INNER)	2 470 mm (97.2 in)

ENGINE

MANUFACTURER	Honda
ENGINE TYPE	GX630
ENGINE SPEED	3400 rpm
POWER OUTPUT SAE J1995	15.5 kW / 21HP
EMISSION STAGE	EU Stage V / U.S. EPA Phase III

COMPACTION FORCES

FREQUENCY I	76 Hz (4560 vpm)
CENTRIFUGAL FORCE I	16.4kN (3687 lbf)
AMPLITUDE I	0.5 mm (0.020 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	30 l (7.9 gal)
WATER TANK CAPACITY	110 l (29.1 gal)
TYPE OF WATERING	Pressure
HYDRAULIC OIL CAPACITY	15 l (4 gal)
STEERING ANGLE	±28°
OSCILLATION ANGLE	±5°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	55 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	150 mm (6 in)
MIXED SOILS	100 mm (4 in)
SILT	–
CLAY	–
STABILISATION	80 mm (3 in)
ASPHALT	60 mm (2 in)

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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