

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 ROPS
- Additional lights for hard canopy
- Additional mirror
- Back-up alarm
- Back-up alarm adaptive
- CE conformity
- Certificate of origin
- Color scheme customer
- Frame ROPS
- Frame rigid ROPS
- Hard canopy ROPS mounted
- Hydraulic oil biodegradable
- Overseas shipping preparation
- Working lights
- Seat activation warning switch
- Seat belt 3"
- Maintenance kit 100h
- Maintenance kit 200h
- Telematics ServiceLink Light
- Toolset
- Warning beacon LED for ROPS
- Water tank lock

STANDARD EQUIPMENT

- 1 amplitude / 1 frequencies
- Ammann color design and decals
- Articulation joint with oscillation
- Operator station with one drive lever (RH)
- Two non-split drums, in-line
- Front and rear drive, front drum vibrating
- Open platform with safety handles
- CE conformity - without
- Front and rear side free drum attachment
- Mechanical drive lever
- Pressure water sprinkling with interval switch, 2 stage filtration
- Horizontally adjustable driver's seat
- Multi-functional display for machine overview
- Non-tiltable scrapers
- Standard hydraulic oil
- Central lifting point



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StV / Phase III



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	1 300 kg (2,866 lb)
OPERATING WEIGHT MAX.	1 398 kg (3,082 lb)
STATIC LINEAR LOAD AVG.	7,2 kg/cm (40.3 lb/in)
MAX. WORKING SPEED	7,9 km/h (4.9 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 ISO 14396	15,5 kW / 21HP
EMISSION STAGE	EU Stage V / U.S. EPA Phase III

COMPACTION FORCES

FREQUENCY I	76 Hz (4,560 vpm)
CENTRIFUGAL FORCE I	16,4kN (3,687 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	27 l (7.1 gal)
WATER TANK CAPACITY	110 l (29.1 gal)
TYPE OF WATERING	Pressure
HYDRAULIC TANK CAPACITY	15 l (4 gal)
STEERING ANGLE	±33°
OSCILLATION ANGLE	±5°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	50 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

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



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