

ARX 32.2

LIGHT TANDEM VIBRATORY ROLLER

CEV STAGE V



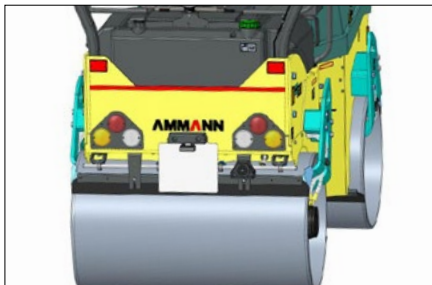
APPLICATIONS

- Shoulder compaction
- Service roads
- Flyover retaining walls
- Footpaths
- Trenches
- Rural roads
- Road maintenance



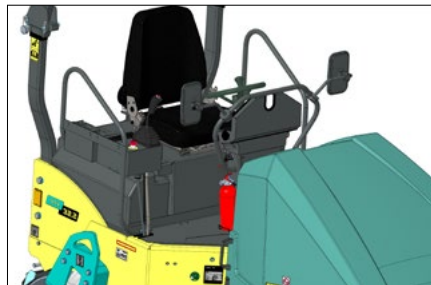
NAVIGATING TIGHT SPACES

- **Centrifugal Force:** Class-leading centrifugal force of 39/47 kN enables effective compaction with fewer passes
- **Drum Width:** 1200 mm drum width for covering more area per pass
- **Shell Thickness:** Best-in-class shell thickness of 14 mm built to last
- **Operator Seat:** Slides along and across the direction of the machine
- **Self-Lubricating Drum Bearings:** Eliminate the need for periodic greasing, minimizing maintenance and ensuring hassle-free operation
- **Heavy-Duty Sprinkling System:** Ensures smooth and uninterrupted compaction by preventing material from sticking to the drums
- **Engine Mounting:** Located along the axis of the machine for better stability and control



CRAB STEERING (DRUM OFFSET)

- Standard 40mm Drum offset allows better edge compaction
- Increased working width & reduced passes leads to more fuel savings
- Economical operating cost



ALL AROUND VISIBILITY & EASY ACCESS

- Sliding seat enables best all-around drum edge visibility
- Ergonomically placed operator controls with single digital cluster
- Ground access for all service points



WATER TANK

- Large water tank capacity 340 l
- Extended intervals between fillings
- Multi-stage water filtration system

STANDARD EQUIPMENT

- Both drum or front drum vibration system
- Dual frequency with single amplitude
- Crab steering (drum offset)
- Dual PU scrapers per drum
- ROPS-FOPS
- Sliding operator seat
- Tilttable engine cover
- Service, parking & secondary brakes
- Visual water level gauge
- Master electrical disconnect switch
- Reversing alarm
- Road lights
- Rear view mirror & work lamp
- Standard Ammann color scheme
- Set of documents
- Toolkit

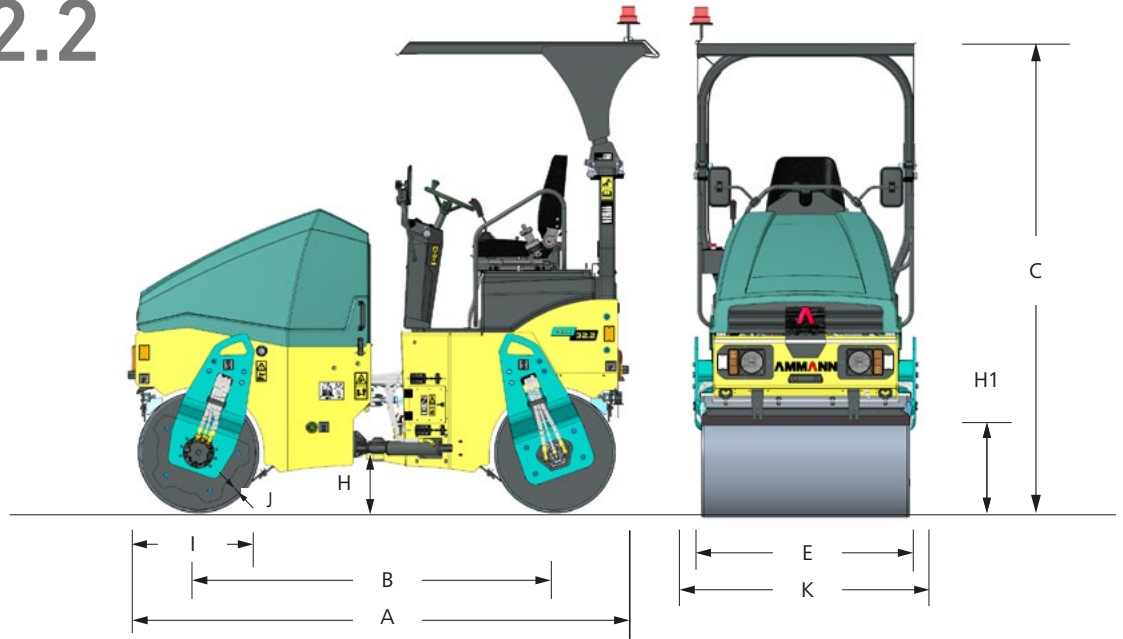
OPTIONAL EQUIPMENT

- Warning beacon
- Fire extinguisher (1 kg)
- Additional documentation
- Service kits
- Telematics

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WEIGHT & OPERATING CHARACTERISTICS

A	MACHINE LENGTH	3040 mm
B	WHEELBASE	2065 mm
C	MACHINE HEIGHT	2730 mm
E	DRUM WIDTH	1200 mm
	WORKING WIDTH WITH CRAB STEERING	1240 mm
H	GROUND CLEARANCE	300 mm
H1	SIDE CLEARANCE	500 mm
I	DRUM DIAMETER	702 mm
J	DRUM SHELL THICKNESS	14 mm
K	MACHINE WIDTH	1300 mm

WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	3375 kg
WEIGHT ON FRONT AXIS	1675 kg
WEIGHT ON REAR AXIS	1700 kg
STATIC LINEAR LOAD, FRONT	14 kg/cm
STATIC LINEAR LOAD, REAR	14.2 kg/cm
TRANSPORT SPEED (MAX)	11 km/h
GRADEABILITY WITH / WITHOUT VIBR.	30 / 35 %
TURNING RADIUS INNER (EDGE)	2900 mm
STEERING ANGLE	±35°
OSCILLATION ANGLE	±10°
CRAB STEERING (DRUM OFFSET)	40 mm

COMPACTION FORCES

FREQUENCY (LOW)	55 Hz
FREQUENCY (HIGH)	66 Hz
AMPLITUDE	0.5 mm
CENTRIFUGAL FORCE (LOW)	39 kN
CENTRIFUGAL FORCE (HIGH)	47 kN

ENGINE

MAKE/MODEL	Mahindra MCDHC29NA047CE5
POWER ACCORDING TO ISO 3046-1	36.2 kW (48.5 HP) @ 2200 rpm
MAX. TORQUE	200 Nm @ 1200-1500 rpm
EXHAUST GAS - AFTER TREATMENT	DOC+DPF
NO. OF CYLINDER	4
DISPLACEMENT	2979 cc
TYPE OF COOLING	Water
EMISSION	CEV Stage V

MISCELLANEOUS

DRIVE SYSTEM	Axial Piston Pump & Radial Piston Motors - Closed Loop
VIBRATION SYSTEM	Gear Pump & Gear Motor
STEERING SYSTEM	Gear Pump & Orbitrol
SERVICE BRAKE	Hydrostatic
SECONDARY BRAKE	Hydrostatic
PARKING BRAKE	SAHR
FUEL TANK CAPACITY	50 l
WATER TANK CAPACITY	340 l
HYDRAULIC SYSTEM	50 l
BATTERY VOLTAGE	12 V
BATTERY RATING	90 AH
EXTERIOR SOUND POWER LEVEL - STATIC	103 dB(A)
EXTERIOR SOUND POWER LEVEL - DYNAMIC	106 dB(A)

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For additional product information and services please visit: www.ammann.com

Toll Free Number: 1800 258 2233

Materials and specification data are subject to change without notice.

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