

ARX 90.2

ARTICULATED TANDEM ROLLER

CEV STAGE V

APPLICATIONS

- National & state highways
- City and municipal roads
- Airports
- Industrial developments
- Port distribution hubs
- Smart city developments
- Internal roads for power and steel plants
- DLC (Dry Lean Concrete) layers



PRODUCTIVITY

Thrives in multiple applications thanks to its drum dimensions, frequencies and amplitudes.

Provides one of the highest compaction outputs in its weight range.

Has maximum working speed of 7 km/h, maximum travel speed of 12 km/h and gradeability up to 35% with vibration.

Optimizes power and hydraulic systems for minimal fuel consumption – one of the lowest in its weight range.

Offers largest water tank capacity of 1000 litres.

ERGONOMICS

Ergonomically designed operator platform with excellent visibility.

Clear, reliable dashboard with all controls within operator reach.

Minimum vibration and heat exposure from engine to operator station thanks to engine location in rear frame.

SERVICEABILITY

Large hood provides easy access to engine compartment.

Ground access to all service and maintenance points offers convenience.

Self-lubricating bearings reduce upkeep and prolong component life.

OPTIONAL EQUIPMENT

- Premium operator seat (with sliding, suspension and rotation)
- Steering column (tiltable)
- Compaction meter
- Infrared thermometer
- Infrared thermometer + compaction meter
- Edge cutter: 45-degree front right with edge pressing
- Warning beacon
- Fire extinguisher – 1 Kg
- Biodegradable hydraulic oil
- Customer color scheme
- Additional documentation
- Service kits

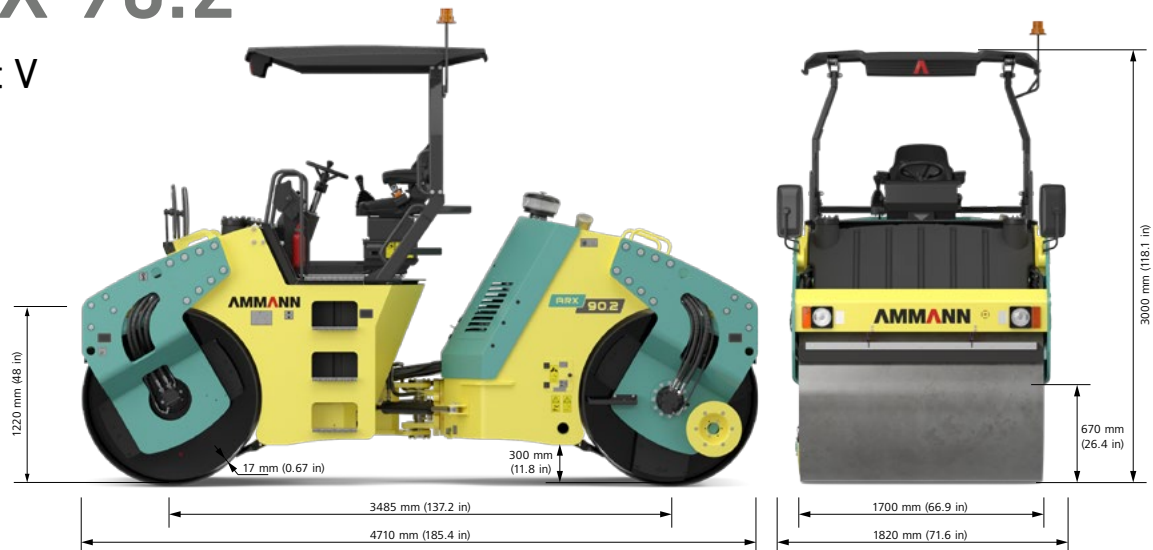
STANDARD EQUIPMENT

- Rotatable operator station with fixed steering column and handrails with entry/exit from either side
- Standard operator seat with sliding, two-point retractable seat belt
- Tilttable FRP sun canopy
- ECU controlled operations with electronic joystick
- Smooth start-stop function
- Auto vibration function
- Switchable high/low amplitude
- Front/rear/both vibration
- Dual PU scrapers per drum
- Standby water pump
- Visual water level indicator
- Master electrical disconnect switch
- Standard Ammann color scheme
- Set of documents
- Toolkit

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WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	9 350 kg (20 612 lb)
STATIC WEIGHT AT FRONT AXIS	4 580 kg (10 097 lb)
STATIC WEIGHT AT WEAR AXIS	4 770 kg (10 516 lb)
STATIC LINEAR LOAD, FRONT	26.9 kg/cm (23.3 lb/in)
MAX. WORKING SPEED	7 km/h (4.3 MPH)
MAX. TRANSPORT SPEED	12 km/h (7.5 MPH)
GRADEABILITY	35%
TURNING RADIUS (INNER)	4 700 mm (185 in)
STEERING ANGLE	±35°
OSCILLATION ANLGE	±6°

ENGINE

MANUFACTURER	Ashok Leyland
TYPE	H4C47422
POWER ACCORDING TO ISO 3046-1	54.6 kW (74 HP) @ 2200 rpm
MAX. TORQUE	400 Nm @ 1400-1500 rpm
EXHAUST GAS - AFTER TREATMENT	DOC+DPF
EMISSION REGULATIONS	CEV Stage V

COMPACTION FORCES

FREQUENCY (LOW)	42 Hz (2520 vpm)
FREQUENCY (HIGH)	55 Hz (3300 vpm)
CENTRIFUGAL FORCE (LOW)	78 kN (17 535 lbf)
CENTRIFUGAL FORCE (HIGH)	67 kN (15062 lbf)
AMPLITUDE (LOW)	0.35 mm (0.014 in)
AMPLITUDE (HIGH)	0.7 mm (0.027 in)

MISCELLANEOUS

Drive system	Axial piston - Closed Loop
Vibration system	Axial piston - Closed Loop
Steering system	Gear Pump
Brakes operating	Hydrostatic
Brakes parking	Multi-disc spring brake
Fuel tank capacity	200 l
Water tank capacity	1000 l
Hydraulic tank capacity	52 l
Battery voltage	12 V
Battery rating	130 AH
Exterior sound power level - Static	102 dB(A)
Exterior sound power level - Dynamic	107 dB(A)

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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