

ARX 90.2

ARTICULATED TANDEM ROLLER
CEV STAGE IV

POWER AND FLEXIBILITY

- High centrifugal force in 9te category
- Self-lubricating drum bearings
- Single electronic joystick
- Smooth start and smooth stop function
- Foldable sun roof canopy as standard
- Largest single water tank capacity (1000 litres)
- CEV IV compliant Engine with cleaner and greener emission at rear frame
- Optimized hydraulic oil tank capacity
- All round visibility and easy serviceability from ground

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



SMOOTH START AND SMOOTH STOP FUNCTION

- Zero humps at end of pass
- Minimized final level errors
- Reduced jerks



ERGONOMICS

- Rotating Extending system $\pm 45^\circ$
- Electronic Controller for smooth start and smooth stop functions, auto vibration and auto sprinkling
- Clear visible dashboard with all controls within operator reach for smooth machine operation better ergonomics
- Ergonomically designed electronic drive lever

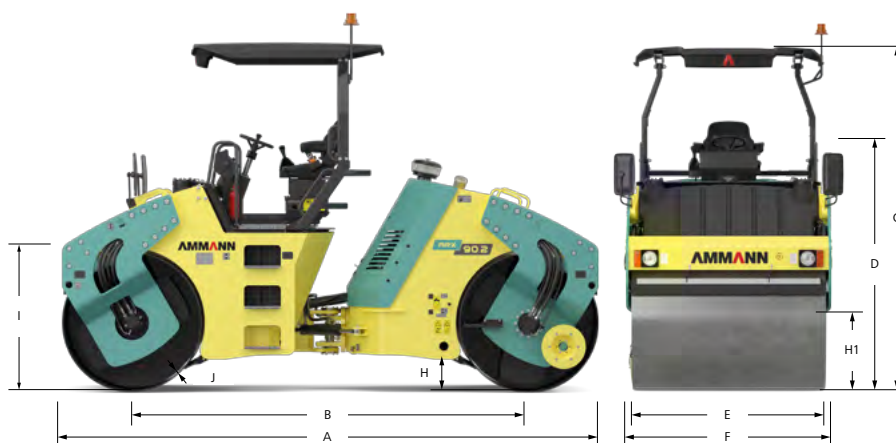


SERVICEABILITY & VISIBILITY

- Better operator visibility (1x1m)
- Higher safety
- Ground access to all service and maintenance points

AMMANN

TECHNICAL SPECIFICATIONS
ARX 90.2 ARTICULATED TANDEM ROLLER
CEV STAGE IV



DIMENSIONS

A	Machine length	4720 mm
B	Wheelbase	3475 mm
C	Machine height with canopy	3000 mm
D	Machine height (removed canopy)	2430 mm
E	Drum width	1700 mm
F	Machine width	1818 mm
H	Ground clearance	290 mm
H1	Side clearance	670 mm
I	Drum diameter	1220 mm
J	Drum shell thickness	17 mm

WEIGHT & DRIVING CHARACTERISTIC

Operating weight	9420 kg
Weight on front drum	4740 kg
Weight on rear drum	4680 kg
Static linear load, front	27.9 kg/cm
Static linear load, rear	27.5 kg/cm
Transport speed (max)	12 km/h
Working speed (max)	7 km/h
Climbing ability	35 %
Turning radius inner (edge)	4700 mm
Steering angle	±35°
Oscillation angle	±6°

ENGINE

Make/Model	Ashok Leyland H4C47422
Power according to ISO 3046-1	54.4 kW (73 HP) @ 2200 rpm
Max. Torque	340 Nm @ 1400-1600 rpm
Exhaust Gas - After Treatment	DOC
No. of cylinders	4
Type of cooling	Water
Emission regulations	CEV Stage IV

COMPACTION FORCES

Frequency (low)	42 Hz
Frequency (high)	55 Hz
Amplitude (low)	0.35 mm
Amplitude (high)	0.7 mm
Centrifugal force (low)	67 kN
Centrifugal force (high)	78 kN

MISCELLANEOUS

Drive system	Axial piston pump - closed loop
Vibration system	Axial piston pump - 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	105 dB(A)

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

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