

ARS 110.2

SOIL COMPACTOR

CEV STAGE V

APPLICATIONS

- National & state highways
- City and municipal roads
- Railway embankments
- Airports
- Mining haul roads
- Dam embankments
- Port distribution hubs
- Internal roads for power and steel plants
- Smart city developments



PRODUCTIVITY

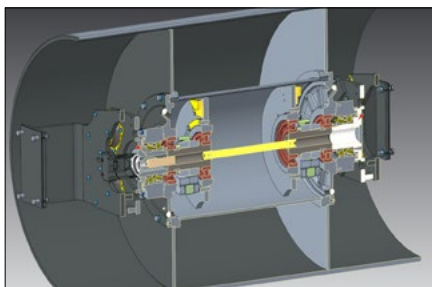
- Robust, reliable four-bearing vibratory system
- Maximized centrifugal force
- High output for compaction in fewer passes
- Rugged tires (12 ply rating) for traction and productivity
- Rear-axle concept that enables unmatched stability, gradeability and traction – in addition to improved visibility

ERGONOMICS

- A simple and reliable dashboard for intuitive machine control
- Optimal all-around machine visibility for safety and productivity
- Improved operator platform for maximum operator comfort

SERVICEABILITY

- Convenient maintenance points
- Tiltable platform and engine hood for trouble-free access to service points and the engine compartment
- Ground access to service and maintenance points for quick, safe and easy service
- A design that enables fast and effortless maintenance



OPTIONAL EQUIPMENT

- Compaction meter
- Warning beacon
- Fire extinguisher – 1 Kg.
- Tyre ballast (up to -25 Degree C)
- Additional documentation
- Tractor Tyres (ARS110.2 HX only)
- Service Kits
- PD Shell Kit (ARS 110.2 HX only)
- AMMANN Traction Optimizer (ARS110.2 HX only)
- Working Speed Increase Kit (ARS110.2 HX only)
- Telematics

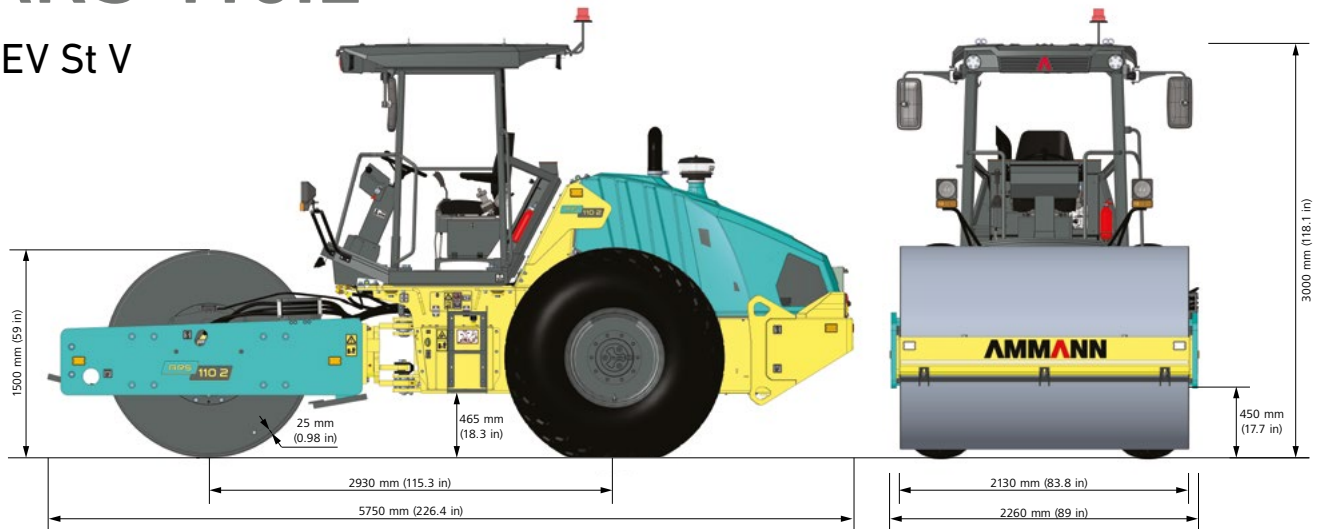
STANDARD EQUIPMENT

- Operator platform with ROPS-FOPS, handrails and one side entry/exit
- Standard operator seat with sliding, two-point retractable seat belt
- Single drive lever
- Ergonomic dashboard with digital cluster
- Switchable high/low amplitude
- Dual adjustable steel scrapers
- Master electrical disconnect switch
- Vandalism protection cover
- Standard Ammann color scheme
- Set of documents
- Toolkit

AMMANN

ARS 110.2

CEV St V



WEIGHT & OPERATING CHARACTERISTICS

	ARS 110.2 (Non-Drum Drive)	ARS 110.2HX (Drum Drive)
OPERATING WEIGHT	11 100 kg (24 471 lb)	11 300 kg (24 912 lb)
STATIC WEIGHT AT DRUM	6100 kg (13 448 lb)	6300 kg (13 889 lb)
STATIC WEIGHT AT TYRES	5000 kg (11 023 lb)	5000 kg (11 023 lb)
STATIC LINEAR LOAD, FRONT	28.6 kg/cm (24.8 lb/in)	29.6 kg/cm (25.7 lb/in)
TRANSPORT SPEED (MAX)	11.5 km/h (7.1 MPH)	10 km/h (6.2 MPH)
WORKING SPEED (MAX)	6 km/h (3.7 MPH)	5 km/h (3.1 MPH)
CLIMBING ABILITY	35%	45%
TURNING RADIUS INNER (EDGE)	3 500 mm (137.8 in)	3 500 mm (137.8 in)
STEERING ANGLE	±36°	±36°
OSCILLATION ANLGE	±10°	±10°

ENGINE

MANUFACTURER	Ashok Leyland
TYPE	H4C510122
POWER ACCORDING TO ISO 3046-1	74 kW (101 HP) @ 2200 rpm
MAX. TORQUE	450 Nm @ 1400-1500 rpm
EXHAUST GAS - AFTER TREATMENT	DOC+SCR+ASC+DPF
TYPE OF COOLING	Water
EMISSION REGULATIONS	CEV Stage V

COMPACTION FORCES

FREQUENCY (LOW)	32 Hz (1920vpm)
FREQUENCY (HIGH)	35 Hz (2100vpm)
AMPLITUDE (LOW)	0.9 mm (0.03in)
AMPLITUDE (HIGH)	1.85 mm (0.07in)
CENTRIFUGAL FORCE (LOW)	160 kN (35 969 lbf)
CENTRIFUGAL FORCE (HIGH)	275 kN (61 822 lbf)
MAXIMUM APPLIED FORCE (LOW)	222 kN (49 907 lbf)
MAXIMUM APPLIED FORCE (HIGH)	337 kN (75 761 lbf)

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	310 l (82 gal)
Hydraulic tank capacity	52 l (13.7 gal)
Urea tank	24 l (6.3 gal)
Battery voltage	12 V
Battery rating	2 X 65 Ah
Exterior sound power level - Static	102 dB(A)
Exterior sound power level - Dynamic	104 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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