

ARS 110.2

SINGLE DRUM ROLLER

TIER 3

APPLICATIONS

- Medium and large compaction sites
- Transport construction
- Municipal and town roads
- Rock fill dams
- Industrial zones
- City centers



PRODUCTIVITY

Compaction performance

Two-stage vibratory system, high compaction output.

Robust machine design

Built to take on the most challenging jobsites and conditions.

ERGONOMICS

Platform and cab

Spacious and quiet, with 360° visibility.

Operator station

High comfort and safety.

SERVICEABILITY

Reduced downtime

Heavy-duty components and robust construction.

Reduced maintenance

Extended service intervals; easy-to-reach maintenance points.

SUSTAINABILITY

ECOdrop

Improved efficiency, reduced use of fluids

Digitalization

Advanced monitoring and measuring systems

OPTIONAL EQUIPMENT

- Additional documentation printed
- Ammann Traction Optimizer ATO
- AmmannCare Silver
- AmmannCare Gold
- AmmannCare Platinum
- AmmannCare Diamond
- Back-up alarm
- Cab ROPS with A/C
- Cab ROPS without A/C
- Certificate of origin
- Compaction measuring system ACE
- Fire extinguisher
- Frame front operating weight 11t
- Fuel prefilter
- Hydraulic oil biodegradable
- Maintenance kit 250h
- Maintenance kit 500h
- Maintenance kit 1000h
- Maintenance kit 2000h
- Overseas shipping preparation
- Padfoot shell kit - including scrapers
- Platform with Hard canopy
- Platform with ROPS/FOPS
- Radio FM
- Radio preparation
- Telematics preparation
- Telematics ServiceLink Pro
- Toolset
- Tractor tyres
- Tyre ballast -25°C
- Warning beacon LED

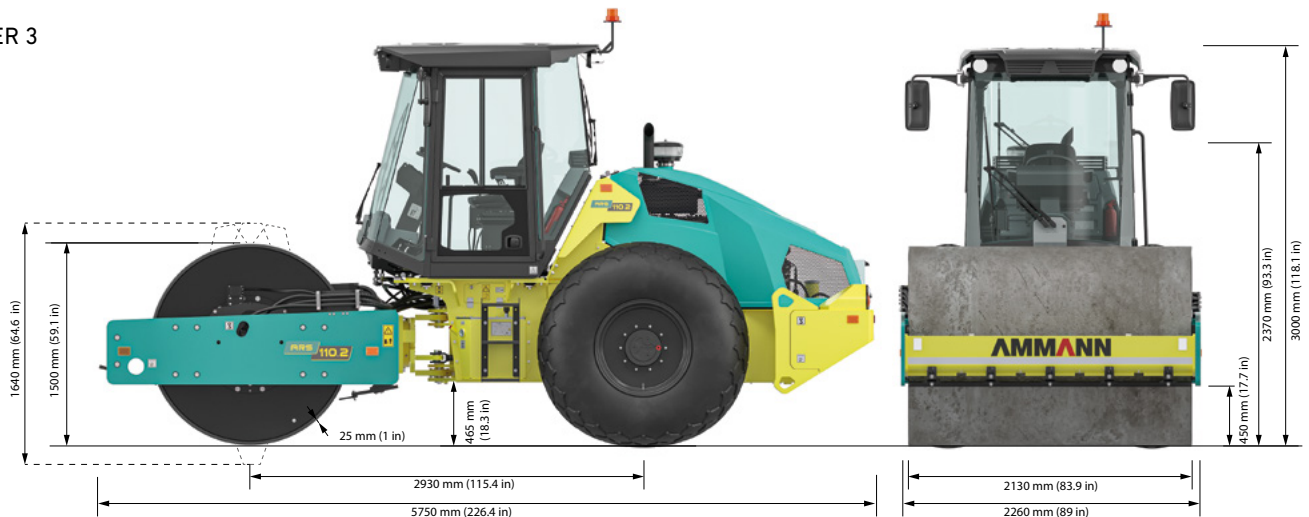
STANDARD EQUIPMENT

- 2 amplitudes / 2 frequencies
- Adjustable driver's seat with armrests
- Ammann color design and decals
- Battery disconnection switch
- CE Conformity without
- Diamond tread tyres
- Manual hood opening and Cab tilting
- Open platform with Rails
- Operator's station with one drive lever (RH)
- Standard hydraulic oil
- Steel scrapers
- Telematics Ready
- Testports on Hydrocomponents
- Working lights (front / rear) - LED

AMMANN

ARS 110.2

TIER 3



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT	10 100 kg (22,267 lb)
OPERATING WEIGHT CAB	10 300 kg (22,708 lb)
OPERATING WEIGHT MAX.	13 100 kg (28,880 lb)
STATIC LINEAR LOAD	24.4 kg/cm (136.6 lb/in)
MAX. TRANSPORT SPEED	10.5 km/h (6.5 MPH)
MAX. WORKING SPEED	5 km/h (3.11 MPH)
GRADEABILITY WITHOUT VIBRATION	45%
GRADEABILITY WITH VIBRATION	40%
TURNING RADIUS (INNER)	3450 mm (135.8 in)

ENGINE

MANUFACTURER	Cummins QSF4.5
RATED POWER	90 kW (120 HP)
EMISSION STAGE	EU Stage IIIA / U.S. EPA Tier 3

COMPACTION FORCES

FREQUENCY I	32 Hz (1920 vpm)
FREQUENCY II	35 Hz (2100 vpm)
AMPLITUDE I	1.85 mm (0.07 in)
AMPLITUDE II	0.9 mm (0.04 in)
CENTRIFUGAL FORCE I	275 kN (61,822 lbf)
CENTRIFUGAL FORCE II	160 kN (35,969 lbf)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	310 l (81.9 gal)
ARTICULATION ANGLE	±36°
OSCILLATION ANGLE	±10°
OPERATING VOLTAGE	12V DC
BATTERY	2x90 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	800 mm (31.5 in)
SAND / GRAVEL	600 mm (23.6 in)
MIXED SOILS	500 mm (19.7 in)
SILT	400 mm (15.8 in)
CLAY	250 mm (9.8 in)

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For additional product information and services please visit: www.ammann.com
Materials and specification data are subject to change without notice.
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