

ARP 95

LIGHT TANDEM VIBRATORY ROLLER

EU STAGE V / U.S. EPA TIER 4 FINAL

APPLICATIONS

- Medium and large compaction projects
- Transport construction: highways, municipal roads, airfields
- Industrial zones
- Parking areas
- Downtowns



PRODUCTIVITY

Variable compaction output

Two-stage vibratory system enables adjustment to the particular jobsite.

Smooth rolling

Advanced drive system prevents sudden starts and stops during machine operation.

ERGONOMICS

Platform and cab

Spacious and quiet, with 360° visibility.

Operator station

Provides high comfort and safety.

SERVICEABILITY

Minimized 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.

Advanced technologies

Including monitoring and measuring systems, enhance efficiency, productivity, and enable precise documentation.

OPTIONAL EQUIPMENT

- Measuring Points Central
- A/C
- Additional documentation printed
- Additional lights 360° LED
- Additional mirrors rear
- Additional storage rack cab version
- Ammann Documentation Syst. ADS
- Ammann Documentation Syst. ADS RTK
- AmmannCare Gold
- AmmannCare Silver
- Back-up alarm
- Back-up alarm adaptive
- Certificate of origin
- Color scheme customer
- Compaction measuring system ACE^{force}
- Compaction measuring system ACE^{pro}
- Container shipment preparation
- Edge cutter 45° (diagonal)
- Edge cutter 45° (front right)
- Edge cutter 45° (front right/front left)
- Edge cutter 60° (diagonal)
- Edge cutter 60° (front right)
- Edge cutter 60° (front right/front left)
- Fire extinguisher
- GPS Q-Compaction ACE
- GPS Q-Compaction Preparation
- GPS Q-Compaction Preparation ACE
- Hydraulic oil biodegradable
- Chip spreader Ammann
- Chip spreader Preparation
- Infrared thermometer
- Maintenance Kit 1000h
- Maintenance Kit 2000h
- Maintenance Kit 500h
- Overseas shipping preparation
- Plug 12V
- Radio FM
- Rear view camera
- Rear view camera for chip spreader
- Registration plate holder incl. light
- Safety cover fan and alternator
- Slow moving vehicle triangle
- Sun films on cab glasses
- Telematics Preparation
- Telematics ServiceLink Plus
- Toolset
- Warning beacon LED
- Water tank filling from ground
- Working lights cab LED

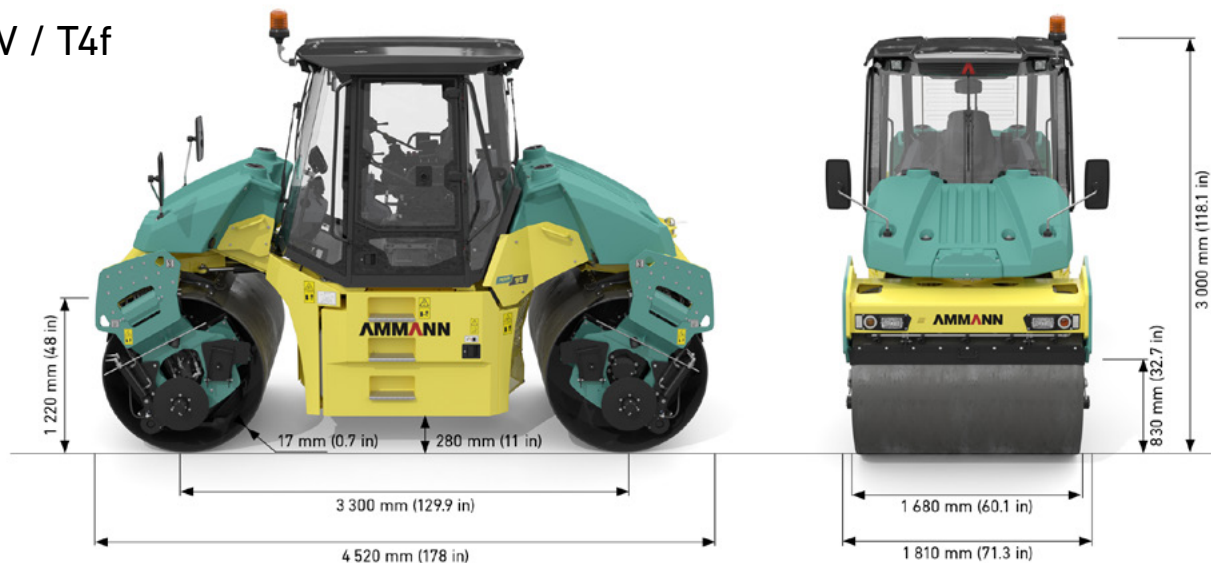
STANDARD EQUIPMENT

- 2 amplitudes / Multiple frequencies
- Ammann color design and decals
- ATC - Ammann Traction Control
- Battery disconnection switch - Electronic
- Cab ROPS/FOPS
- Centralized draining points
- Double drum version: Front and rear drive and vibration
- Double drum version: Two split steerable drums
- ECODrop
- Electronic drive lever with intelligent functions
- FTS (Finger-Tip-Steering)
- Multi-functional display for machine control and overview
- On-board diagnostics
- Operator's station with one drive lever (RH)
- Pressure water sprinkling with interval switch, 3 stage filtration and 2 pumps
- Road lights (headlights, rearlights, turning signals, brake lights)
- Slideable, 270° rotatable and horizontally adjustable driver's seat with armrests
- Standard hydraulic oil
- Tilttable scrapers
- Variable working width (Off-set steering modes)
- CE conformity
- Drum Steps Foldable Front/Rear
- Sun Visor
- Telematics Readiness

AMMANN

ARP 95

StV / T4f



WEIGHT & OPERATING CHARACTERISTICS

	ARP95	ARP95 ACE ^{pro}
OPERATING WEIGHT CECE	9 930 kg (21,892 lb)	9 970 kg (21,980 lb)
OPERATING WEIGHT MAX.	11 505 kg (25,364 lb)	11 545 kg (25,452 lb)
STATIC LINEAR LOAD AVG.	29,6 kg/cm (165.8 lb/in)	29,7 kg/cm (166.3 lb/in)
MAX. WORKING SPEED	10 km/h (6.2 MPH)	10 km/h (6.2 MPH)
GRADEABILITY WITHOUT VIBRATION	30%	30%
GRADEABILITY WITH VIBRATION	25%	25%
TURNING RADIUS (INNER)	3 065 mm (120.7 in)	3 065 mm (120.7 in)
DRUM OFFSET	1 390 mm (54.7 in)	1 390 mm (54.7 in)

COMPACTION FORCES

	ARP95
FREQUENCY I	38–42 Hz (2,280–2,520 vpm)
FREQUENCY II	42–51 Hz (2,520–3,060 vpm)
CENTRIFUGAL FORCE I	74–91 kN (16,636–20,458 lbf)
CENTRIFUGAL FORCE II	39–60 kN (8,768–13,489 lbf)
AMPLITUDE I	0,65 mm (0.026 in)
AMPLITUDE II	0,28 mm (0.011 in)

COMPACTION FORCES

	ARP95 ACE ^{pro}
FREQUENCY	37–52 Hz (2,220–3,120 vpm)
CENTRIFUGAL FORCE	110 kN (24,729 lbf)
AMPLITUDE	0,85 mm (0.033 in)

ENGINE

MANUFACTURER	Deutz
ENGINE TYPE	TCD3.6 L4
POWER OUTPUT ISO 14396	74,4 kW (100 HP)
ENGINE SPEED	2200 rpm
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4 Final
EXHAUST GAS AFTER-TREATMENT	EGR+DOC+DPF+SCR

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	165 l (43.6 gal)
DEF TANK CAPACITY	10 l (2.6 gal)
WATER TANK CAPACITY	800 l (211.3 gal)
TYPE OF WATERING	Pressure
HYDRAULIC TANK CAPACITY	60 l (15.9 gal)
STEERING ANGLE	±25°
OSCILLATION ANGLE	±6°
BATTERY VOLTAGE	24V
BATTERY CAPACITY	2x55 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	400 mm (15.7 in)
MIXED SOILS	300 mm (11.8 in)
SILT	–
CLAY	–
STABILISATION	200 mm (7.9 in)
ASPHALT	140 mm (5.5 in)