

ARP 75

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

- Battery disconnection switch - Mechanical
- A/C
- Additional documentation printed
- Additional lights 360° LED
- Additional lights cab LED
- 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}
- Cooling box
- Drum steps foldable front
- Drum steps foldable front/rear
- Edge cutter 45° (diagonal)
- Edge cutter 45° (front right)
- Edge cutter 45° (rear left)
- Engine automatic stop
- Fire extinguisher
- GPS Q-Compaction ACE
- GPS Q-Compaction Preparation
- GPS Q-Compaction Preparation ACE
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance Kit 1000h
- Maintenance Kit 2000h
- Maintenance Kit 500h
- Radio DAB
- Rear view camera
- Registration plate holder incl. light
- Slow moving vehicle triangle
- Sun films on cab glasses
- Sun visor
- Telematics Preparation
- Telematics ServiceLink Plus
- Toolset
- Transport remote control
- Warning beacon green LED
- Warning beacon LED
- Water tank filling from ground

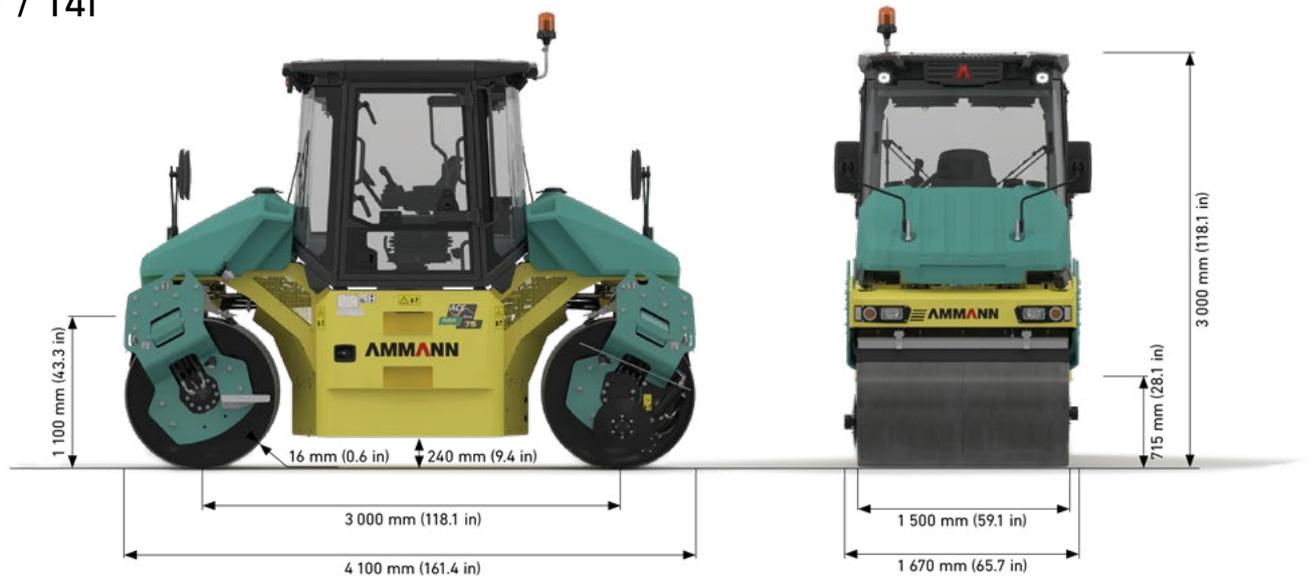
STANDARD EQUIPMENT

- 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)
- Measuring points central
- Multi-functional 10inch touchable 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
- Telematics Readiness

AMMANN

ARP 75

StV / T4f



WEIGHT & OPERATING CHARACTERISTICS

| | |
|--------------------------------|--------------------------|
| OPERATING WEIGHT CECE | 7 540 kg (16,623 lb) |
| OPERATING WEIGHT MAX. | 8 990 kg (19,820 lb) |
| STATIC LINEAR LOAD AVG. | 25,1 kg/cm (140.6 lb/in) |
| MAX. WORKING SPEED | 10 km/h (6.2 MPH) |
| GRADEABILITY WITHOUT VIBRATION | 30% |
| GRADEABILITY WITH VIBRATION | 25% |
| TURNING RADIUS (INNER) | 2 940 mm (115.7 in) |
| DRUM OFFSET | 1 220 mm (48 in) |

ENGINE

| | |
|-----------------------------|------------------------------------|
| MANUFACTURER | Kubota |
| ENGINE TYPE | V3307-CR-T |
| ENGINE SPEED | 2400 rpm |
| POWER OUTPUT SAE J1995 | 55,4 kW / 74HP |
| EMISSION STAGE | EU Stage V / U.S. EPA Tier 4 Final |
| EXHAUST GAS AFTER-TREATMENT | EGR+DOC+DPF |

COMPACTION FORCES

| | |
|----------------------|---------------------------------|
| FREQUENCY I | 38–48 Hz (2,280–2,880 vpm) |
| FREQUENCY II | 45–55 Hz (2,700–3,300 vpm) |
| CENTRIFUGAL FORCE I | 58–92 kN (13,039–20,682 lbf) |
| CENTRIFUGAL FORCE II | 47–70 kN (10,566–15,737 lbf) |
| AMPLITUDE I | 0,68 mm (0.027 in) |
| AMPLITUDE II | 0,39 mm (0.015 in) |

MISCELLANEOUS

| | |
|-------------------------|----------------------------|
| BRAKES OPERATING | Hydrostatic |
| BRAKES PARKING | Multiple-disc spring brake |
| BRAKES EMERGENCY | Multiple-disc spring brake |
| FUEL TANK CAPACITY | 160 l (42.3 gal) |
| WATER TANK CAPACITY | 900 l (237.8 gal) |
| TYPE OF WATERING | Pressure |
| HYDRAULIC TANK CAPACITY | 84 l (22.2 gal) |
| STEERING ANGLE | ±24° |
| OSCILLATION ANGLE | ±4° |
| BATTERY VOLTAGE | 12V |
| BATTERY CAPACITY | 120 Ah |

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

| | |
|---------------|------------------|
| ROCKFILL | – |
| SAND / GRAVEL | 350 mm (13.8 in) |
| MIXED SOILS | 250 mm (9.8 in) |
| SILT | – |
| CLAY | – |
| STABILISATION | 180 mm (7.1 in) |
| ASPHALT | 130 mm (5.1 in) |