

# ARP 95

## PIVOT-STEER TANDEM ROLLER

EU Stage V / U.S. EPA Tier 4 Final

### PIVOTING PROVIDES MANOEUVRABILITY

The Ammann ARP 95 uses pivot steering to bring manoeuvrability and flexibility to the jobsite. The new cab design helps operators see drum edges and surfaces. In addition, the operator's seat can be rotated 270° and slides beyond the machine contour to further optimise visibility. The proprietary Ammann compaction systems ACE<sup>force</sup> and ACE<sup>pro</sup> help provide efficiency and quality.

### PRODUCTIVITY

#### Pivot steering with split drums

Enables higher manoeuvrability on jobsites and reduces surface shear forces.

#### Ammann Traction Control

Increases machine traction on difficult jobsites and makes machine loading easier.

#### Multiple vibration frequencies

Varied vibratory settings increase or decrease compaction output for precise compaction control and higher quality.

### ERGONOMICS

#### Fingertip steering (FTP)

Ergonomic steering system makes the machine operator-friendly and easy to control.

#### Multi-functional display

Central display is located in front of the operator for optimal machine control and monitoring.

#### Exceptional operator visibility

Perfect all-around machine visibility to maximise safety on the jobsite.

### APPLICATIONS

- Medium and large jobsites
- Transport construction (municipal and town roads, motorways, airfields)
- Building construction (houses and industrial zones)

### SERVICEABILITY

#### Tiltable cab and wide engine doors

Exceptional accessibility to all major components and service points.

#### Maintenance-friendly design

High focus on easy maintenance and robust design to minimise downtime.

#### Ground access to service and maintenance points

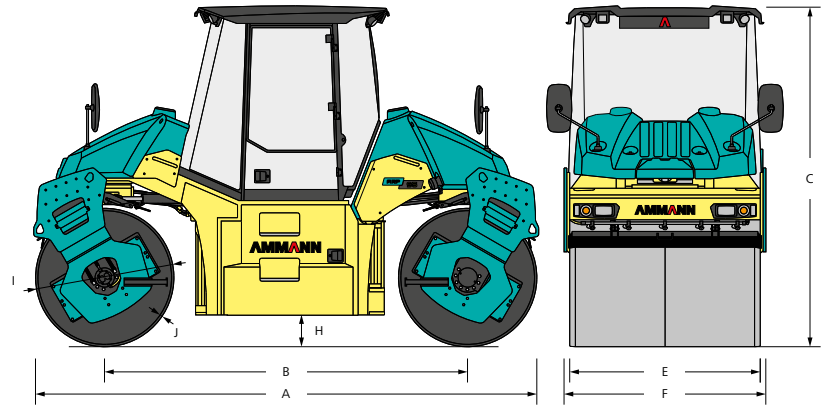
Fast and easy machine servicing; no additional tools required.

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

	Sand / Gravel	Mixed Soils	Silt	Clay	Stabilisation	Asphalt
ARP 95	400 mm (16 in)	300 mm (12 in)	-	-	200 mm (8 in)	140 mm (5.5 in)

# AMMANN

TECHNICAL SPECIFICATIONS  
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**DIMENSIONS**

A	MACHINE LENGTH	4520 mm (178 in)
B	WHEELBASE	3300 mm (129.9 in)
C	MACHINE HEIGHT	3000 mm (118.1 in)
E	DRUM WIDTH	1680 mm (66.1 in)
	MAX WORKING OFFSET MODE	3070 mm (120.8 in)
F	MACHINE WIDTH	1810 mm (71.3 in)
H	GROUND CLEARANCE	280 mm (11 in)
I	DRUM DIAMETER	1220 mm (48 in)
J	DRUM SHELL THICKNESS	17 mm (0.7 in)

**WEIGHT & OPERATING CHARACTERISTICS**

	ARP 95	ARP 95 (ACE <sup>pro</sup> )
OPERATING WEIGHT	9700 kg (21 380 lb)	9740 kg (21 470 lb)
MAXIMUM WEIGHT	11 370 kg (25 070 lb)	11 410 kg (25 150 lb)
STAT. LIN. LOAD OF FRONT DRUM	28.6 kg/cm (160 lb/in)	28.8 kg/cm (161.3 lb/in)
STAT. LIN. LOAD OF REAR DRUM	29.2 kg/cm (163.3 lb/in)	29.2 kg/cm (163.3 lb/in)
MAX. TRANSPORT SPEED	10 km/h (6.21 MPH)	10 km/h (6.21 MPH)
CLIMBING ABILITY / WITHOUT VIB.	25 / 30 %	25 / 30 %
TURNING RADIUS IN. (EDGE)	3065 mm (120.7 in)	3065 mm (120.7 in)
TURNING RADIUS OUT. (CONTOUR)	4785 mm (188.4 in)	4785 mm (188.4 in)
STEERING / OSCILLATION ANGLE	±25° / ±6°	±25° / ±6°

**ENGINE**

MANUFACTURER	Deutz TCD3.6 L4
POWER ACCORDING TO ISO 14396	74.4 kW (100 HP)
NOMINAL SPEED	2200 min <sup>-1</sup> (RPM)
EXHAUST GAS AFTER-TREATMENT	EGR+DOC+DPF+SCR
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**STANDARD EQUIPMENT**

- CE conformity
- Cabin, ventilated and heated
- Rotating and sliding working station with multifunctional display
- Two split drums
- Two stage vibration system (2 frequencies / 2 amplitudes)
- Working lights 2 front, 2 rear
- Smooth drum with vulcolan scrapers
- Inter-axle differential lock
- Electronic idle control

**COMPACTION FORCES**

	ARP 95	ARP 95 (ACE <sup>pro</sup> )
FREQUENCY I	*38–42Hz (2280–2520 VPM)	42 Hz (2520 VPM)
FREQUENCY II	*42–52 Hz (2520–3120 VPM)	52 Hz (3120 VPM)
FREQUENCY ACE <sup>pro</sup> MIN.	–	37 Hz (2220 VPM)
FREQUENCY ACE <sup>pro</sup> MAX.	–	52 Hz (3120 VPM)
AMPLITUDE I	*0.65 mm (0.026 in)	0.65 mm (0.026 in)
AMPLITUDE II	*0.28 mm (0.01 in)	0.28 mm (0.01 in)
AMPLITUDE ACE <sup>pro</sup> MAX.	–	0.85 mm (0.033 in)
CENTRIFUGAL FORCE I	*74–91 kN (16636–20457 lbf)	91 kN (20 457.6 lbf)
CENTRIFUGAL FORCE II	*39–60 kN (8767–13488 lbf)	60 kN (13 488.5 lbf)
CENTRIF. FORCE ACE <sup>pro</sup> MAX.	–	110 kN (24 729 lbf)

**MISCELLANEOUS**

DRUM OFFSET	1390 mm (54.7 in)
BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Mechanical multiple-disc
BRAKES EMERGENCY	Mechanical multiple-disc
FUEL TANK CAPACITY	165 l (43.6 gal)
DEF (ADBLUE) TANK	10 l (2.6 gal)
WATER TANK CAPACITY	800 l (211.3 gal)
VOLTAGE	24 V

\* Standard & ACE<sup>force</sup> drum

**OPTIONAL EQUIPMENT**

- Air conditioning
- Ammann chip spreader
- Universal preparation for multiple chip spreaders
- Edge-cutter (one or two)
- 360° illumination kit (for machine's surroundings and engine compartments)
- GPS mapping for ACE systems
- ServiceLink
- ACE<sup>pro</sup> Intelligent Compaction system with measuring (absolute values), automatic regulation of compaction performance (frequency and amplitude) and ADS documentation system
- ACE<sup>force</sup> compaction measurement (absolute values) and ADS documentation system