

ARP 95

TANDEM ROLLE R
Tier 4i



PIVOTING PROVIDES MANOEUVRABILITY

The Ammann ARP 95 Tier 4i Pivot-Steer Roller utilises pivot steering to provide manoeuvrability and flexibility. 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^{force} and ACE^{pro} help provide efficiency and quality.

TRACTION, VIBRATION, COMPACTION

- A single hydraulic pump for travel system
- Standard differential lock
- New vibration system featuring a pump for each drum
- Simple adjustment of vibration/frequency
- Optional ACE^{force} and ACE^{pro} compaction control systems

USER FRIENDLY

- Easy-to-see, multifunctional operator display
- 270° rotating and sliding seat
- Fingertip steering
- Control switches on armrest

EFFICIENCY

- Automatic idle set in neutral for high fuel economy
- Reliable, long-life vibration system
- Convenient access to service points and fluid ports

PIVOT STEERING

- Each drum can be independently controlled
- Crab mode up to 3030 mm possible

COMFORTABLE CAB

- Spacious with easy-to-reach controls
- Reduced noise level
- Integrated ROPS

VISIBILITY

- Excellent sight lines to drum surfaces, edges and spray bars
- Operator's station can extend and slide beyond the machine contour

APPLICATIONS

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

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

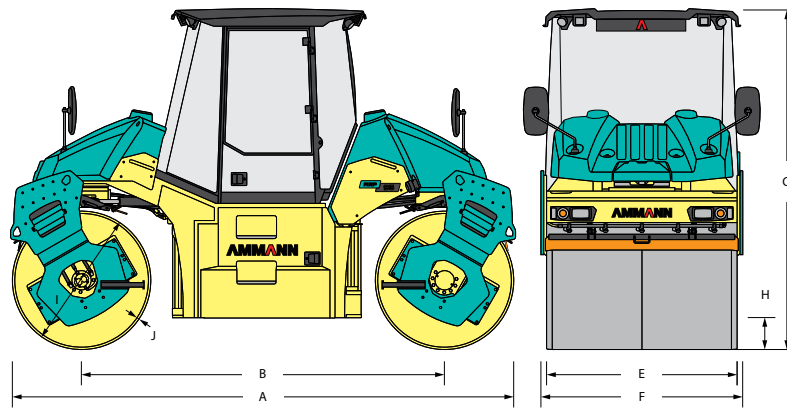
	Sand / Gravel	Mixed Soils	Silt	Clay	Stabilisation	Asphalt
ARP 95	0.4 m (16 in)	0.3 m (12 in)	-	-	0.2 m (8 in)	0.14 m (5.5 in)

BA
&
MINI DIGGER HIRE LTD
AMMANN

TECHNICAL SPECIFICATIONS

ARP 95 T ANDEM ROLLER

Tier 4i



DIMENSIONS

A	MACHINE LENGTH	4420 mm (174.1 in)
B	WHEELBASE	3200 mm (126 in)
C	MACHINE HEIGHT	3000 mm (118.2 in)
D	MACHINE HEIGHT (REMOVED CAB/ROPS)	-
E	DRUM WIDTH	1680 mm (66.2 in)
F	MACHINE WIDTH	1810 mm (71.3 in)
H	GROUND CLEARANCE	280 mm (11.1 in)
I	DRUM DIAMETER	1220 mm (48.1 in)
J	DRUM SHELL THICKNESS	17 mm (0.7 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Mechanical multiple-disc
BRAKES EMERGENCY	Mechanical multiple-disc
FUEL TANK CAPACITY	165 l (43.6 gal)
VOLTAGE	24 V

WEIGHT & DRIVING CHARACTERISTIC

	ARP 95	ARP 95 ACE
OPERATING WEIGHT	9610 kg (21 190 lb)	9650 kg (21 270 lb)
MAXIMUM WEIGHT	11 070 kg (24 410 lb)	11 110 kg (24 490 lb)
STAT. LIN. LOAD OF FRONT DRUM	28.4 kg/cm (159 lb/in)	28.6 kg/cm (160.2 lb/in)
STAT. LIN. LOAD OF REAR DRUM	28.8 kg/cm (161.3 lb/in)	28.8 kg/cm (161.3 lb/in)
MAX. TRANSPORT SPEED	10 km/h (6.21 MP H)	10 km/h (6.21 MP H)
MAX. WORKING SPEED	-	-
CLIMBING ABILITY	30 %	30 %
TURNING RADIUS INNER (EDGE)	2945 mm (115.9 in)	2945 mm (115.9 in)
CRAB MODE	1350 mm (53.1 in)	1350 mm (53.1 in)

STANDARD EQUIPMENT

- CE conformity
- Cabine, 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 diff lock
- Electronic idle control

COMPACTION FORCES

	ARP 95	ARP 95 A CE
FREQUENCY I	42 Hz (2520 VPM)	42 Hz (2520 VPM)
FREQUENCY II	55 Hz (3300 VPM)	55 Hz (3300 VPM)
FREQUENCY ACE MIN. / MAX.	-	37 Hz (2220 VPM) / 57 Hz (3420 VPM)
AMPLITUDE I	0.66 mm (0.026 in)	0.66 mm (0.026 in)
AMPLITUDE II	0.26 mm (0.01 in)	0.26 mm (0.01 in)
AMPLITUDE ACE MIN. / MAX.	-	- / 0.85 mm (0.033 in)
CENTRIFUGAL FORCE I	92 kN	92 kN
CENTRIFUGAL FORCE II	62 kN	62 kN
CENTRIF. FORCE ACE MIN. / MAX.	-	- / 100 kN

ENGINE

MANUFACTURER	Deutz TCD3.6 L4
POWER ACCORDING TO ISO 14396	74.4 kW (100 HP)
MAXIMUM TORQUE	410/1600 Nm/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIB, U.S. EPA Tier 4 Interim



OPTIONAL EQUIPMENT

- Air conditioning
- Pneu-tire axle with emulsion sprinkling and thermal aprons
- Ammann chip spreader
- Universal preparation for multiple chip spreaders
- Edge cutter (one or two)
- Night illumination kit
- ACE^{pro} Intelligent Compaction system with measuring (absolute values), automatic regulation of compaction performance (frequency and amplitude) and ADS documentation system
- ACE^{force} compaction measurement (absolute values) and ADS documentation system
- GPS mapping for ACE systems