

ARP 35

LIGHT RIGID FRAME
TANDEM ROLLER Tier 4i

A COMPACT, PIVOTING ROLLER

The Ammann ARP 35 Tier 4i Pivot-Steer Roller features pivot steering that provides the manoeuvrability and the flexibility to take on varied applications. The tandem, rigid-frame roller features two smooth, vibrating, hydrostatic-driven steel drums. Each drum can pivot independently. The roller also is compact, making it a good fit on jobsites with walls or elevated curbs.

PIVOT STEERING

- Each drum is independently controlled
- 2 steering modes

TRANSPORTABILITY

- Compact design for easy loading
- Light weight
- Foldable scrapers

EASY OPERATION

- 2 drive levers
- Automatic vibration
- Interval sprinkling system

VISIBILITY

- Working lights
- Sliding operator's seat

COMPACTION PERFORMANCE

- Asphalt mixtures up to 120 mm
- Sand/gravel up to 300 mm
- Mixed soils up to 200 mm
- Vibration systems for both drums

QUALITY OPERATORS PLATFORM

- Easy-to-reach controls
- Reduced noise level
- Foldable ROPS

HASSLE-FREE MAINTENANCE

- Reliable, long-life vibration system
- Convenient access to service points and fluid ports

APPLICATIONS

- Small and medium compaction works
- Road construction (building local roads, cycle paths, pavements, parking areas and garage driveways)
- Building industry (small industrial areas)

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

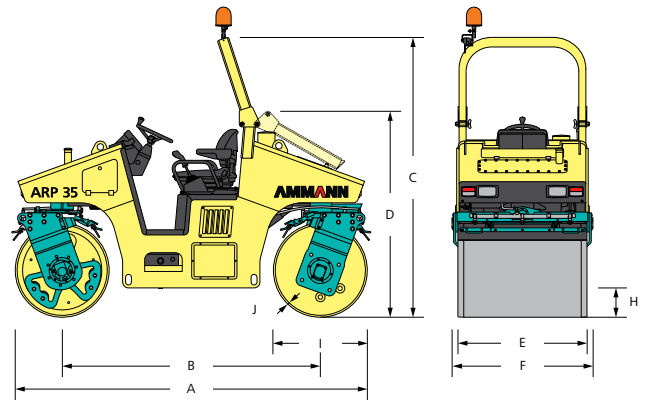
	Sand / Gravel	Mixed Soils	Silt	Clay	Stabilisation
ARP 35	0.3 m (12 in)	0.2 m (8 in)	-	-	0.15 m (6 in)

AMMANN

TECHNICAL SPECIFICATIONS
 ARP 35 LIGHT RIGID FRAME TANDEM ROLLER
 Tier 4i

DIMENSIONS

A	MACHINE LENGTH	3000 mm (118.2 in)
B	WHEELBASE	2200 mm (86.7 in)
C	MACHINE HEIGHT	2387 mm (94 in)
D	MACHINE HEIGHT (REMOVED ROPS)	1755 mm (69.1 in)
E	DRUM WIDTH	1100 mm (43.4 in)
F	MACHINE WIDTH	1198 mm (47.2 in)
H	GROUND CLEARANCE	250 mm (9.8 in)
I	DRUM DIAMETER	800 mm (31.5 in)
J	DRUM SHELL THICKNESS	15 mm (0.6 in)



MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Mechanical gear
BRAKES EMERGENCY	Mechanical gear
FUEL TANK CAPACITY	80 l (21.1 gal)
VOLTAGE	12 V

ENGINE

MANUFACTURER	Deutz D2011 L03i
POWER ACCORDING TO ISO 14396	33.8 kW (45 HP)
MAXIMUM TORQUE	137(101)/1700 Nm (ft lb)/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 4 Interim

COMPACTION FORCES

FREQUENCY I	47 Hz (2820 VPM)
FREQUENCY II	60 Hz (3600 VPM)
FREQUENCY II CE	-
AMPLITUDE I	0.47 mm (0.02 in)
AMPLITUDE II	0.47 mm (0.02 in)
CENTRIFUGAL FORCE I	22 kN
CENTRIFUGAL FORCE II	35 kN

WEIGHT & DRIVING CHARACTERISTIC

OPERATING WEIGHT	3200 kg (7050 lb)
MAXIMUM WEIGHT	3450 kg (7610 lb)
STATIC LINEAR LOAD OF FRONT DRUM	14.5 kg/cm (81.2 lb/in)
STATIC LINEAR LOAD OF REAR DRUM	14.5 kg/cm (81.2 lb/in)
MAX. TRANSPORT SPEED	10 km/h (6.21 MPH)
MAX. WORKING SPEED	-
CLIMBING ABILITY	35 %
TURNING RADIUS INNER (EDGE)	2390 mm (94.1 in)
CRAB MODE	824 mm (32.5 in)



STANDARD EQUIPMENT

- CE conformity with folding ROPS
- Two drive levers
- Sliding driver's seat
- Both drums vibrating
- Working lights
- Vibration – automatic
- Interval sprinkling system
- Foldable scrapers

OPTIONAL EQUIPMENT

- Back-up alarm
- Warning beacon
- Slow moving vehicle (SMV) sign
- Tool kit
- Customer colour
- Fire extinguisher
- Bio degradable oil
- Filters for the first 500 h
- Filters for the first 1000 h
- Edge cutter with sprinkling nozzle