

ARR 1585-2

TRENCH ROLLER

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

APPLICATIONS

- Pipeline construction
- Electric and cable installation
- Commercial, residential, and industrial development
- Structure backfill work
- Confined work spaces
- Subbase of roads



PRODUCTIVITY

Powerful compaction

The machine's single-stage vibratory system helps reach compaction goals quickly.

Exceptional maneuverability

Unique skid-steer features and on-the-spot turning capability maximise machine control.

ERGONOMICS

Infrared remote control

The safest solution; the operator must have direct visibility for the machine to run.

Advanced protection systems

Enhance jobsite safety and prevent injuries.

SERVICEABILITY

Minimized downtime

Heavy duty components and robust construction keep machines running.

Reduced maintenance

Service points are easy to reach.

SUSTAINABILITY

ECodrop

Improves efficiency and reduces use of fluids.

Advanced technologies

Machine usage controlled to bring efficiency, productivity – and enable precise documentation.

OPTIONAL EQUIPMENT

- Additional documentation printed
- AmmannCare Silver
- AmmannCare Gold
- AmmannCare Platinum
- AmmannCare Diamond
- Battery charger external
- Certificate of origin
- Color scheme customer
- Compaction measuring system ACE
- Drums 640mm incl. extensions (25,2 inches)
- Hydraulic oil biodegradable
- Maintenance kit 1000h
- Maintenance Kit 200h
- Maintenance kit 500h
- Maintenance kit 50h
- Remote control battery
- Telematics ServiceLink Light
- Toolset

STANDARD EQUIPMENT

- Ammann color design and decals
- Automatic intelligent LED beacon
- CE conformity
- Central lifting point
- ECodrop
- Battery disconnection switch
- Roll Angle Warning (RAW)
- Infra-red remote control
- On-board diagnostics
- PD Drums with steel scrapers 640mm (25,2 inches)
- Rigid frame with skid-steer concept
- Standard hydraulic oil

AMMANN

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StV / T4f



WEIGHT & OPERATING CHARACTERISTICS

	640 mm (25.2 in)	850 mm (33.5)
OPERATING WEIGHT	1260 kg (2778 lb)	1370 kg (3020 lb)
OPERATING WEIGHT MAX.	1270 kg (2800 lb)	1380 kg (3042 lb)
MAX. WORKING SPEED	1.6 km/h (1 mph)	1.6 km/h (1 mph)
MAX. TRANSPORT SPEED	3.5 km/h (2.2 mph)	3.5 km/h (2.2 mph)
GRADEABILITY WITHOUT VIBRATION	30%	30%
GRADEABILITY WITH VIBRATION	25%	25%
TURNING RADIUS	On-spot	On-spot

ENGINE

MANUFACTURER	Kubota
ENGINE TYPE	D1105
ENGINE SPEED	2 400 rpm
POWER OUTPUT SAE J1995	15.6 kW / 21HP
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4f

COMPACTION FORCES

FREQUENCY I	31 Hz (1860 vpm)
CENTRIFUGAL FORCE I	75 kN (16861 lbf)
AMPLITUDE I	1.6 mm (0.063 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	22 l (5.8 gal)
HYDRAULIC OIL CAPACITY	20 l (5.3 gal)
STEERING ANGLE	On-spot
BATTERY VOLTAGE	12 V
BATTERY CAPACITY	55 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	180 mm (7 in)
MIXED SOILS	140 mm (6 in)
SILT	90 mm (4 in)
CLAY	70 mm (3 in)

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For additional product information and services please visit: www.ammann.com
Materials and specification data are subject to change without notice.

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