

ARR 1575-2

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

Reach compaction goals in the shortest possible time.

Exceptional manoeuvrability

Brings responsiveness and precision to the jobsite.

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.

Reduced maintenance

Easy-to-reach maintenance points.

SUSTAINABILITY

ECODrop

Improved efficiency, reduced 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 600mm (23,6 in) incl. extensions to 860mm (33,9 in)
- 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
- Articulated frame with Oscillation
- Automatic intelligent LED beacon
- CE conformity
- Central lifting point
- ECODrop
- Battery disconnection switch
- Roll Angle Warning (RAW)
- Infra-red remote control
- Maintenance-free articulation joint
- On-board diagnostics
- PD Drums with Steel scrapers 600mm (23,6 in)
- Standard hydraulic oil

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StV / T4f



WEIGHT & OPERATING CHARACTERISTICS

	600 mm (23.6 in)	860 mm (33.9 in)
OPERATING WEIGHT	1490 kg (3285 lb)	1605 kg (3538 lb)
OPERATING WEIGHT MAX.	1605 kg (3538 lb)	1605 kg (3538 lb)
MAX. WORKING SPEED	1.7 km/h (1.1 MPH)	1.7 km/h (1.1 MPH)
MAX. TRANSPORT SPEED	3.3 km/h (2.1 MPH)	3.3 km/h (2.1 MPH)
GRADEABILITY WITHOUT VIBRATION	35%	35%
GRADEABILITY WITH VIBRATION	30%	30%
TURNING RADIUS (INNER)	2070 mm (81.5 in)	1940 mm (76.4 in)

ENGINE

MANUFACTURER	Kubota
ENGINE TYPE	D1105
ENGINE SPEED	2400 rpm
POWER OUTPUT SAE J1995	15.6 kW / 21HP
EMISSION STAGE	EU Stage V / U.S. EPA Tier 4 Final

COMPACTION FORCES

FREQUENCY	40 Hz (2400 vpm)
CENTRIFUGAL FORCE I	72 kN (16186 lbf)
CENTRIFUGAL FORCE II	34 kN (7644 lbf)
AMPLITUDE I	1.2 mm (0.047 in)
AMPLITUDE II	0.6 mm (0.024 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Hydromechanical
BRAKES EMERGENCY	Hydromechanical
FUEL TANK CAPACITY	25 l (6.6 gal)
HYDRAULIC OIL CAPACITY	27 l (7.1 gal)
STEERING ANGLE	±25°
OSCILLATION ANGLE	±4°
BATTERY VOLTAGE	12V
BATTERY CAPACITY	55 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	–
SAND / GRAVEL	200 mm (8 in)
MIXED SOILS	150 mm (6 in)
SILT	100 mm (4 in)
CLAY	80 mm (3 in)
ASPHALT	–