

ARR 1585

TRENCH ROLLER

EU Stage V / US EPA Tier 4 Final



SKID-STEERED WORKER

The ARR 1585 is a skid-steered machine that enables powerful compaction forces to be applied to particularly difficult spots. The rammer and its padfoot drum provide results, even where other compactors have failed. Its ability to work in cohesive soils can prevent the need for soil removal and replacement, providing a significant financial savings.

PRODUCTIVITY

Solar power cells on remote control

Machine is always ready to work without additional remote control charging

Flexible machine controls

Effective solutions for every jobsite

Skid-steer concept

Best maneuverability with 360° on-spot turning

ERGONOMICS

Simple remote control and dashboard

Intuitive machine control, even with an unskilled operator

Infra-red remote control

Highly safe; operator must have direct visibility of the machine to operate

Solar power cells on remote control

Machine is always ready to work without additional remote control charging

SERVICEABILITY

Maintenance-friendly design

Easy and fast daily maintenance

Accessible service & maintenance points

Machine serviced from ground, enabling comfort

Maintenance-free parts

Reduced risk of machine damage

APPLICATIONS

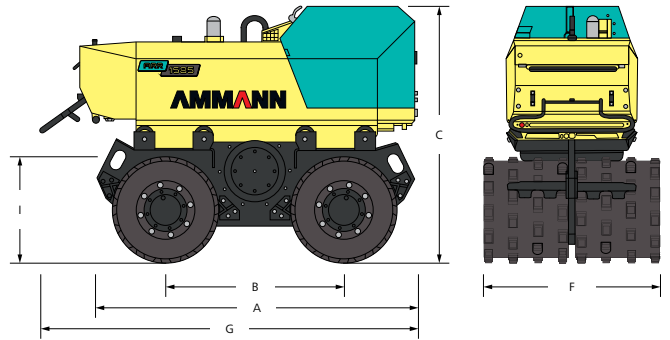
- Pipeline construction
- Residential & industrial development areas
- Structure backfill work
- Confined work spaces
- Airport construction
- Elec. cable construction
- Dumpsite construction
- Subbase of roads

AMMANN

TECHNICAL SPECIFICATIONS
ARR 1585 TRENCH ROLLER
EU Stage V / US EPA Tier 4f

DIMENSIONS

A	MACHINE LENGTH	1520 mm (59.8 in)
B	WHEELBASE	850 mm (33.5 in)
C	MACHINE HEIGHT	1230 mm (48.4 in)
F	DRUM WIDTH	630 / 850 mm (24.8 / 33.46 in)
G	MACHINE LENGTH	1780 mm (70.1 in)
I	DRUM DIAMETER	500 mm (19.7 in)



WEIGHT & DRIVING CHARACTERISTIC

	630 mm (24.8 in)	850 mm (33.46 in)
OPERATING WEIGHT	1305 kg (2880 lb)	1395 kg (3080 lb)
OSCILLATION ANGLE	–	–
WORKING SPEED	1.1 km/h (0.7 MPH)	1.1 km/h (0.7 MPH)
TRAVEL SPEED	2.5 km/h (1.6 MPH)	2.5 km/h (1.6 MPH)
CLIMBING ABILITY WITH / WITHOUT VIBRATION	25 % / 30 %	25 % / 30 %
TURNING RADIUS INNER	0 mm (on spot)	0 mm (on spot)

ENGINE

MANUFACTURER	Hatz 2 G 40
POWER ACC. ISO 3046-1	13.2 kW (18 HP)
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage V / US EPA Tier 4 Final
NOMINAL SPEED	2550 min ⁻¹ (RPM)
NO. OF CYLINDERS	2 / air cooling
DRIVE SYSTEM	Hydrostatic

MISCELLANEOUS

FUEL TANK CAPACITY	24 l (6.3 gal)
HYDRAULIC OIL CAPACITY	53 l (14 gal)

COMPACTION FORCES

FREQUENCY	30 Hz (1800 VPM)
AMPLITUDE	2.4 mm (0.094 in)
CENTRIFUGAL FORCE I	86 kN (19 333 lbf)



STANDARD EQUIPMENT

- Fully hydrostatic drive
- Skid steer
- Central and maintenance free vibratory system
- Central lifting point
- Manual control

OPTIONAL EQUIPMENT

- Infra-red control
- Cable control
- Set of drums
- Filter kit
- Customer colors
- Biodegradable oil

For additional product information and services please visit:
www.ammann.com

Materials and specification data are subject to change without notice.
MSS-1278-02-EN | © Ammann Group

AMMANN