

A photograph of an Ammann ARR 1585 Trench Roller, a yellow and teal skid-steered machine with a large padfoot drum, operating on a gravel surface. The machine has 'ARR 1585' and 'AMMANN' branding on its side and a red Ammann logo on the front. A teal overlay is present on the left side of the image.

# ARR 1585

TRENCH ROLLER  
Tier 4f

## 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

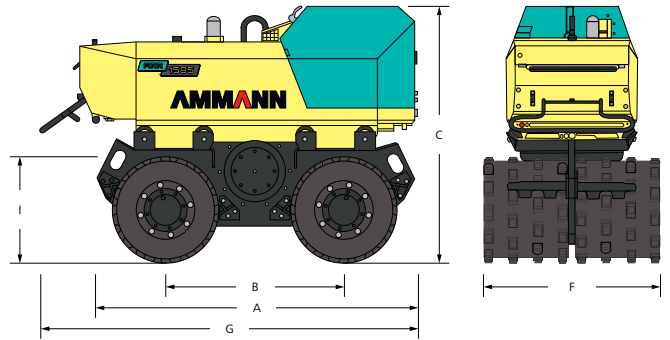
- Pipeline construction
- Residential & industrial development areas
- Structure backfill work
- Confined work spaces
- Airport construction
- Elec. cable construction
- Dumpsite construction
- Subbase of roads

# AMMANN

TECHNICAL SPECIFICATIONS  
ARR 1585 TRENCH ROLLER  
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	30 %	30 %
TURNING RADIUS INNER	0 mm (on spot)	0 mm (on spot)
TURNING RADIUS OUTER	-	-

## ENGINE

MANUFACTURER	Hatz 2 G 40
POWER ACC. ISO 3046-1	13.2 kW (18 HP)
ENGINE COMPLIES WITH EMISSION REGULATIONS	U.S. EPA Tier 4 Final
MAXIMUM TORQUE	- / 2550 Nm(ft lb)/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



## STANDARD EQUIPMENT

- Fully hydrostatic drive
- Skid steer
- Central vibration
- Central lifting point
- Manual control

## OPTIONAL EQUIPMENT

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