

ARX 16

LIGHT TANDEM VIBRATORY ROLLER
EU Stage V



OBSTRUCTION AVOIDER

The Ammann ARX 16 Tandem Roller works flush against curbs and other obstructions and does so smoothly, thanks to an electronic drive lever. Double drive and double vibration are standard and help deliver optimum compaction results. Operator benefits include a rubber-mounted platform that limits vibration and an intuitive instrument panel that helps even inexperienced operators succeed. The ARX 16 is built with high quality, long-lasting components that reduce the cost of ownership over the lifetime of the machine.

PRODUCTIVITY

Electronic drive lever

Advanced drive control enables smooth starts and stops during machine operation.

Articulation joint with oscillation

Great manoeuvrability and constant contact with the surface are key factors in achieving high quality compaction.

Sprinkling system

Multi-level filtration system with large water tank for extended intervals between fillings.

ERGONOMICS

Operator platform design

Spacious operator platform with comfortable driver's seat.

Simple & convenient operation control

Dashboard with clear display and intuitive machine control.

Exceptional operator visibility

Perfect all-around machine visibility to maximise safety on the jobsite.

APPLICATIONS

- Small and medium construction sites
- City roads
- Boardwalks
- Repair works in city centre

SERVICEABILITY

Tool-free daily inspection

Quick and easy daily inspection.

Maintenance-free parts

Reduce time required for machine maintenance and prevent damage to components.

Service point locations

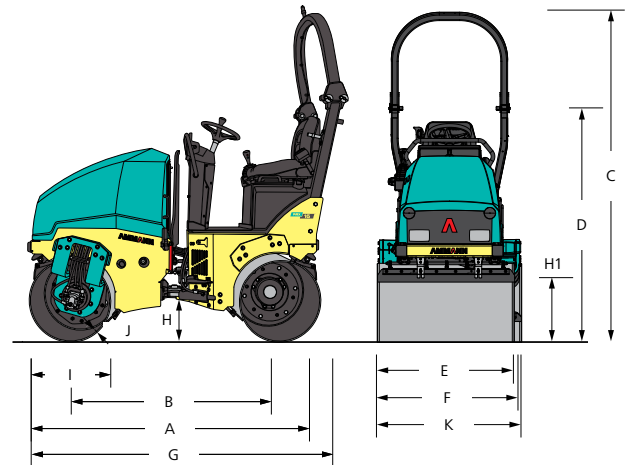
Service and regular maintenance points are quickly and easily accessible.

AMMANN

TECHNICAL SPECIFICATIONS
ARX 16 LIGHT TANDEM VIBRATORY ROLLER
EU Stage V

DIMENSIONS

A	MACHINE LENGTH	2017 mm (79.4 in)
B	WHEELBASE	1440 mm (56.7 in)
C	MACHINE HEIGHT	2402 mm (94.6 in)
D	MACHINE HEIGHT (FOLDED ROPS)	1731 mm (68.1 in)
E	DRUM WIDTH	900 mm (35.4 in)
F	WORKING WIDTH WITH OFFSET	950 mm (37.40 in)
G	MACHINE LENGTH	2222 mm (87.5 in)
H	GROUND CLEARANCE	228 mm (9 in)
H1	SIDE CLEARANCE	370 mm (14.6 in)
I	DRUM DIAMETER	577 mm (22.7 in)
J	DRUM SHELL THICKNESS	13 mm (0.5 in)
K	MACHINE WIDTH (TOTAL)	952 mm (37.5 in)



WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	1520 kg (3351 lb)
OPERATING WEIGHT MAX.	1700 kg (3747.9 lb)
STAT. LIN. LOAD	8.4 kg/cm (17.4 lb)
TURNING RADIUS INSIDE	2125 mm (83.7 in)
STEERING / OSCILLATING ANGLE	31/5 ±°
DRUM OFFSET	50 mm (1.97 in)

ENGINE

ENGINE TYPE	YANMAR 3TNV76
EMMISSION CLASS	EU Stage V
POWER OUTPUT ISO 3046	15.1 kW / 20.2 HP
CYLINDER / LTR.	3 cyl / 1116 No./ccm
1. / 2. WORKING SPEED	2100 / 2400 rpm
TRAVEL SPEED KM/H	8 km/h (5 MPH)
GRADEABILITY WITH / WITHOUT VIBR.	30 % / 40 %

STANDARD

- Front and rear vibration & drive
- Pressurised pulse interval sprinkler system
- 2 working frequencies
- Control system with emergency stop
- Ammann Vibration Control
- Central lifting point
- Hydraulic test ports
- On-board diagnostics
- Front/rear rubber bumpers
- ATC - Ammann Traction Control

COMPACTION FORCES

AMPLITUDE I	0.5 mm (0.02 in)
AMPLITUDE II	0.5 mm (0.02 in)
FREQUENCY I	58 Hz (3480 VPM)
FREQUENCY II	66 Hz (3960 VPM)
CENTRIFUGAL FORCE – MAX.	23 kN (5171 lbf)

MISCELLANEOUS

BATTERY / CAPACITY	12/77 V/Ah
WATER TANK	110 l (29.1 gal)
HYDRAULIC TANK	16 l (4.2 gal)
DIESEL FUEL TANK	26 l (6.9 gal)

OPTIONAL EQUIPMENT

- CE-kit with folding ROPS and working lights
- Road lights
- Infrared thermometer
- Reverse alarm
- Battery disconnection switch
- Additional working lights (ROPS mounted)
- Warning beacon
- Second drive-lever, left
- Arm rests
- Edge-cutter inc. Multi-function lever
- Bio-degradable hydraulic oil
- Drums In-line
- Customer color
- Wheather canopy
- Servicelink