

A photograph of a construction worker wearing a yellow hard hat and a high-visibility green jacket, operating a light blue and yellow Ammann ARX 16 Tandem Roller. The machine is shown from a front-quarter perspective, with the operator seated on the platform. The background shows a construction site with a power line tower and a street lamp.

ARX 16

LIGHT TANDEM VIBRATORY ROLLER
EU Stage V / US EPA Tier 4f

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

Smooth start and stop important, especially on asphalt jobs

Articulated joint with oscillation

Increased surface coverage and quality

Sprinkling system

2-stage filtration system with large water tanks for extended intervals between fillings

ERGONOMICS

Operators platform design

Spacious operator platform

Simple and reliable dashboard

Intuitive machine control, even with an unskilled operator

Visibility

Perfect all-around machine visibility for safety on the jobsite

SERVICEABILITY

Design that enables daily maintenance

Easy and fast daily maintenance

Accessible service and maintenance points

Machine serviced from ground, enabling comfort

Maintenance free parts

Reduced risk of machine damage

APPLICATIONS

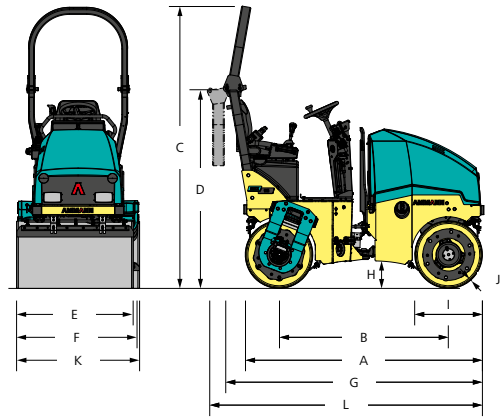
- Small and medium construction sites
- City roads
- Boardwalks
- Repair works in city centre

AMMANN

TECHNICAL SPECIFICATIONS
ARX 16 LIGHT TANDEM VIBRATORY ROLLER
EU Stage V / US EPA Tier 4f

DIMENSIONS

A	MACHINE LENGTH	2020 mm (79.5 in)
B	WHEELBASE	1440 mm (56.7 in)
C	MACHINE HEIGHT	2400 mm (94.5 in)
D	MACHINE HEIGHT (FOLDED ROPS)	1730 mm (68.1 in)
E	DRUM WIDTH	900 mm (35.4 in)
E	TIRE-AXLE WIDTH	-
F	MACHINE WIDTH	950 mm (37.4 in)
G	MACHINE LENGTH	2220 mm (87.4 in)
H	GROUND CLEARANCE	230 mm (9.1 in)
I	DRUM DIAMETER	580 mm (22.8 in)
J	DRUM SHELL THICKNESS	13 mm (0.5 in)
K	MACHINE WIDTH (TOTAL)	950 mm (37.4 in)
L	MACHINE LENGTH (FOLDED ROPS)	2330 mm (91.7 in)



MISCELLANEOUS

BATTERY / CAPACITY	12/77 V/Ah
WATER TANK	110 l (29.1 gal)
HYDRAULIC SYSTEM	28.5 l (7.5 gal)
DIESEL FUEL TANK	24 l (6.3 gal)
WHEEL LOAD	-
NUMBER OF WHEELS	-
TIRE SIZE	-

ENGINE

ENGINE TYPE	YANMAR 3TNV80F
EMMISSION CLASS	EU Stage V / US EPA Tier 4f
POWER OUTPUT ISO 3046	14.6 kW / 20 HP
CYLINDER / LTR.	3 cyl / 1267 No./ccm
1. / 2. WORKING SPEED	2.100 / 2.400 rpm
TRAVEL SPEED KM/H	8.5 km/h (5.3 MPH)
GRADEABILITY WITH / WITHOUT VIBR.	30 % / 40 %

STANDARD

- Front and rear vibration and drive
- Control system with emergency stop
- Pressurised pulse interval sprinkler system
- Ammann Vibration Control
- Central lifting hook
- 2 working frequencies
- Hydraulic test ports

COMPACTION FORCES

AMPLITUDE	0.5 mm (0.02 in)
FREQUENCY AT 2100 / 2400 RPM	58/66 Hz (3480/3960 VPM)
CENTRIFUGAL FORCE	20/23 kN

WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	1520 kg (3350 lb)
OPERATING WEIGHT MAX.	1700 kg (3750 lb)
STATIC LINEAR LOAD (FULL-FLUSH)	7.9/9 kg/cm (17.4/19.8 lb)
TURNING RADIUS INSIDE	2100 mm (82.7 in)
STEERING / OSCILLATING ANGLE	30/6 ±°
DRUM OFFSET	50 mm (1.97 in)



OPTIONAL EQUIPMENT

- CE-Kit with folding ROPS and working lights
- Road lighting
- Canopy
- Asphalt thermometer
- Reverse alarm
- Battery disconnection switch
- Additional working lights (ROPS mounted)
- Arm rests
- Second drive-lever, left
- Edge-cutter incl. multi-function lever
- Bio-degradable hydraulic oil
- Drums in line
- Customer colour
- Warning beacon
- Weather canopy