

A photograph of an Ammann ARX 16C roller in operation. The machine is yellow and light blue, with a driver wearing an orange safety suit and a yellow hard hat. The roller is on a paved surface, and the background shows a residential area with houses and cars. A large teal graphic overlay is on the left side of the image, containing the product name and specifications.

# ARX 16C

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

## A LIGHTER COMBI ROLLER

The Ammann ARX 16C is a combination roller that utilises both a vibrating drum and pneumatic tyres. The combi version performs well on soil and has a quality sprinkling system in place for asphalt applications. Like other light tandem rollers, the ARX 16C works flush against curbs and other objects and eliminates the need for special edge compaction efforts. Operator benefits include an electronic drive lever for smooth starts and stops and an intuitive instrument panel.

### 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

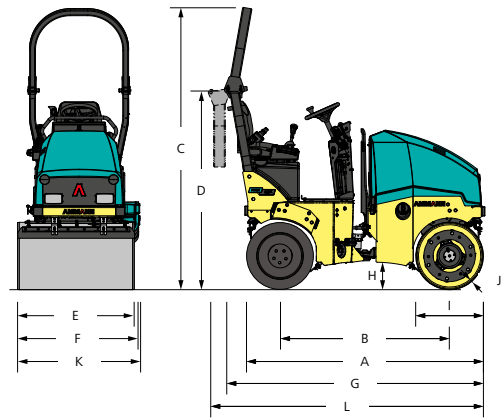
- Small and medium construction sites
- City roads
- Boardwalks
- Repair works in city centre

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

## DIMENSIONS

|   |                              |                   |
|---|------------------------------|-------------------|
| A | MACHINE LENGTH               | 2020 mm (79.5 in) |
| B | WHEELBASE                    | 1475 mm (58.1 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              | 890 mm (35 in)    |
| 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         | 283 kg (623.9 lb) |
| NUMBER OF WHEELS   | 4                 |
| TIRE SIZE          | 8/60-15           |

## 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           | 1450 kg (3200 lb)   |
| OPERATING WEIGHT MAX.           | 1700 kg (3750 lb)   |
| STATIC LINEAR LOAD (FULL-FLUSH) | 7.9 kg/cm (17.4 lb) |
| TURNING RADIUS INSIDE           | 2100 mm (82.7 in)   |
| STEERING / OSCILLATING ANGLE    | 30/6 ±°             |
| DRUM OFFSET                     | -                   |



### 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)
- Rear tyred axle
- 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

For additional product information and services please visit:  
[www.ammann.com](http://www.ammann.com)

Materials and specification data are subject to change without notice.  
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