



# ARX 16K

LIGHT TANDEM VIBRATORY ROLLER  
EU Stage V

## A LIGHTER COMBI ROLLER

The Ammann ARX 16K 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 16K 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

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

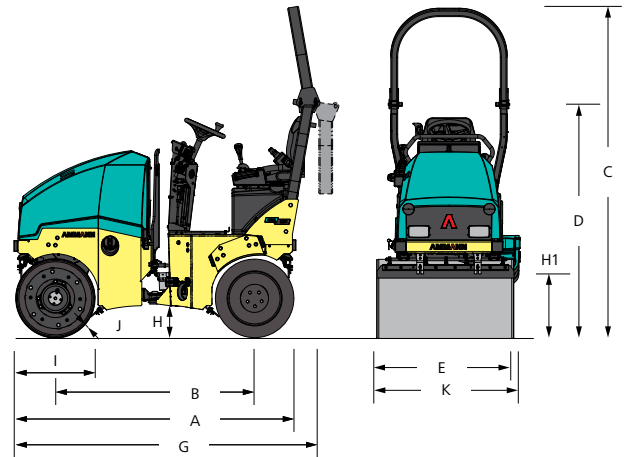
Service and regular maintenance points are quickly and easily accessible.

# AMMANN

TECHNICAL SPECIFICATIONS  
ARX 16K LIGHT TANDEM VIBRATORY ROLLER  
EU Stage V

## DIMENSIONS

A	MACHINE LENGTH	2017 mm (79.4 in)
B	WHEELBASE	1475 mm (58.1 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)
E	TIRE-AXLE WIDTH	890 mm (35 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)	947 mm (37.3 in)



## WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	1460 kg (3218.7 lb)
OPERATING WEIGHT MAX.	1700 kg (3747.9 lb)
STAT. LIN. LOAD	8.4 kg/cm (18.5 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 %

## 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)
ANTI-ADHESIVE TANK	10 l (2.65 gal)
HYDRAULIC TANK	16 l (4.2 gal)
DIESEL FUEL TANK	26 l (6.9 gal)
WHEEL LOAD	283 kg (623.9 lb)
NUMBER OF WHEELS	4
TIRE SIZE	8/60-15

### STANDARD

- Front and rear vibration and drive
- Pressurised pulse interval sprinkler system
- Anti-adhesive sprinkling circuit
- 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

### 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