

A photograph of an Ammann ARX 12 Tandem Roller in operation on a road construction site. The machine is yellow and green, with a large front roller and a smaller rear roller. An operator wearing a yellow hard hat and a blue shirt is seated on the machine, steering it. The background shows a clear blue sky and a utility pole. A teal graphic overlay is on the left side of the image.

# ARX 12

## LIGHT TANDEM VIBRATORY ROLLER Tier 4f

### PERFORMANCE ON THE EDGES

The Ammann ARX 12 Tandem Roller is a light, articulated ride-on roller that works flush against curbs and other obstructions and eliminates the need for special edge compaction efforts. Double-drive and double-vibration are standard and help deliver optimum compaction results.

An electronic drive-lever makes for smooth starting and stopping and is among the reasons the roller is popular with operators.

### 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

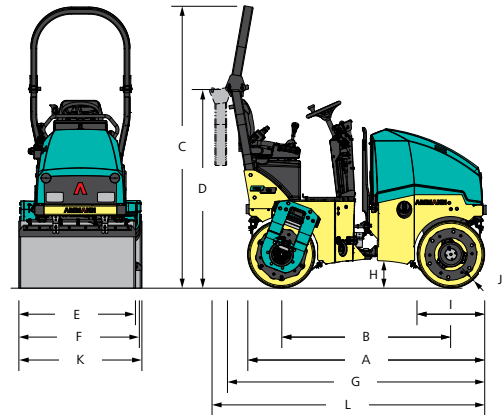
- Small and medium construction sites
- City roads
- Boardwalks
- Repair works in city centre

# AMMANN

TECHNICAL SPECIFICATIONS  
ARX 12 LIGHT TANDEM VIBRATORY ROLLER

### 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	820 mm (32.3 in)
E	TIRE-AXLE WIDTH	-
F	MACHINE WIDTH	865 mm (34.1 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)



### COMPACTION FORCES

AMPLITUDE	0.5 mm (0.02 in)
FREQUENCY AT 2100 / 2400 RPM	58/66 Hz (3480/3960 VPM)
CENTRIFUGAL FORCE – MAX.	15/12 kN

### 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 5 ready / 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 %

### WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	1460 kg (3220 lb)
OPERATING WEIGHT MAX.	1700 kg (3750 lb)
STATIC LINEAR LOAD (FULL-FLUSH)	8.4/9.4 kg/cm (18.5/20.7 lb)
TURNING RADIUS INSIDE	2100 mm (82.7 in)
STEERING / OSCILLATING ANGLE	30/6 ±°
DRUM OFFSET	50 mm (1.97 in)



#### 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

#### 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