

ARX 40

LIGHT TANDEM VIBRATORY ROLLER Tier 4i



ARTICULATED ROLLER COMPACTION

The Ammann ARX 40 Tandem Roller provides productivity with compaction output of 52 kN and a drum width of 1300 mm. The articulated ride-on roller works flush against curbs and other obstructions to eliminate the need for special edge compaction efforts. Double drive and double vibration are standard. Operator benefits include a rubber-mounted platform that limits vibration and an intuitive instrument panel. The tandem roller is built with high quality, long-lasting components that reduce the cost of ownership over the lifetime of the machine. It is reliable, economical, safe and fuel efficient.

COMPACTION PERFORMANCE

- Double drive
- Single or double vibration
- Optimal drum diameter
- Balanced weight front and rear
- 2 frequencies with 2 centrifugal forces

EASY OPERATION

- Electronic drive lever for smooth starts and stops
- Rubber-mounted platform that limits vibration
- Intuitive, ergonomic instrument panel
- Tight turning radius

EXCELLENT VISIBILITY

- Unobstructed view to drums
- Sliding operator's seat

TRANSPORTABILITY

- Compact design for easy loading
- Light weight
- Foldable ROPS

REDUCED MATERIAL PICKUP

- Multiple water nozzles
- 2 scrapers per drum

APPLICATIONS

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

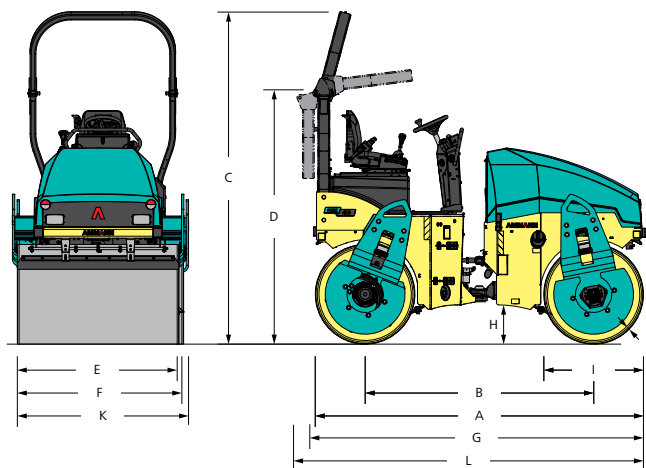
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TECHNICAL SPECIFICATIONS

ARX 40 LIGHT TANDEM VIBRATORY ROLLER

DIMENSIONS

A	MACHINE LENGTH	2800 mm (110.2 in)
B	WHEELBASE	1950 mm (76.8 in)
C	MACHINE HEIGHT	2826 mm (111.3 in)
D	MACHINE HEIGHT (FOLDED ROPS)	2155 mm (84.8 in)
E	DRUM WIDTH	1300 mm (51.2 in)
E	TIRE-AXLE WIDTH	–
F	MACHINE WIDTH	1341 mm (52.8 in)
G	MACHINE LENGTH	2837 mm (111.7 in)
H	GROUND CLEARANCE	325 mm (12.8 in)
I	DRUM DIAMETER	850 mm (33.5 in)
J	DRUM SHELL THICKNESS	17 mm (0.7 in)
K	MACHINE WIDTH (TOTAL)	1423 mm (56 in)
L	MACHINE LENGTH (FOLDED ROPS)	2971 mm (117 in)



COMPACTION FORCES

AMPLITUDE	0.36/0.55 mm (0.01/0.02 in)
FREQUENCY AT 2100 / 2400 RPM	45/57 Hz (2700/3420 VPM)
CENTRIFUGAL FORCE – MAX.	52 kN

MISCELLANEOUS

BATTERY / CAPACITY	12/77 V/Ah
WATER TANK	350 l (92.5 gal)
HYDRAULIC TANK	37 l (9.8 gal)
DIESEL FUEL TANK	59 l (15.6 gal)
WHEEL LOAD	–
NUMBER OF WHEELS	–
TIRE SIZE	–

ENGINE

ENGINE TYPE	YANMAR 4TNV88
EMMISSION CLASS	EU Stage IIIA / EPA Tier 4i
POWER OUTPUT ISO 3046	30.0 kW / 40.8 HP
CYLINDER / LTR.	4 cyl / 2189 No./ccm
1. / 2. WORKING SPEED	2400 rpm
TRAVEL SPEED KM/H	10 km/h (6.2 MPH)
GRADEABILITY WITH / WITHOUT VIBR.	30 % / 40 %

WEIGHT & OPERATING CHARACTERISTICS

OPERATING WEIGHT CECE	4125 kg (9094.1 lb)
OPERATING WEIGHT MAX.	4700 kg (10 361.7 lb)
STATIC LINEAR LOAD (FULL-FLUSH)	15.8 kg/cm (34.8 lb)
TURNING RADIUS INSIDE	2581 mm (101.6 in)
STEERING / OSCILLATING ANGLE	32/8 ±°
DRUM OFFSET	40 mm (1.57 in)



STANDARD

- Front and rear vibration and drive
- Control system with emergency stop
- Pressurised pulse interval sprinkler system
- Ammann Vibration Control
- Lateral sliding seat
- 2 working frequencies / 2 amplitudes
- Hydraulic test ports

OPTIONAL EQUIPMENT

- CE-Kit with folding ROPS and working lights
- Road lighting
- Canopy
- Asphalt thermometer
- Reverse alarm
- Battery disconnection switch
- Central lifting hook
- ATC – Ammann Traction Control
- Arm rests
- Second drive-lever, left
- Edge-cutter incl. multi-function lever
- Bio-degradable hydraulic oil
- ACE^{force}
- Customer colour
- FOPS canopy
- Additional working lights (ROPS mounted)
- Warning beacon
- Foldable scrapers
- Weather canopy