ARX 45

LIGHT TANDEM VIBRATORY ROLLER Tier 4i

THE HEAVIEST COMPACT ROLLER

With a weight of 4650 kg, the Ammann ARX 45 Tandem Roller is the heaviest compact roller in the product line. Double drive and double vibration are standard and help deliver optimum compaction outputs of 55 kN. The ARX 45 still delivers the benefits of a compact roller and is able to work flush against curbs and other objects. An electronic drive lever makes for smooth starting and stopping and is among the reasons the roller is popular with operators. 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

AMMANN

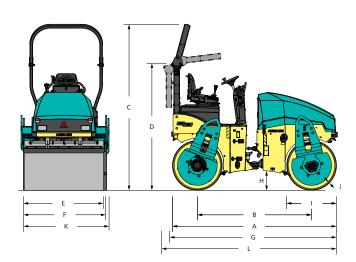
- Boardwalks
- Repair works in city centre



TECHNICAL SPECIFICATIONS ARX 45 LIGHT TANDEM VIBRATORY ROLLER

DIMENSIONS

| А | MACHINE LENGTH | 2800 mm (110.2 in) |
|---|------------------------------|--------------------|
| В | WHEELBASE | 1950 mm (76.8 in) |
| С | MACHINE HEIGHT | 2826 mm (111.3 in) |
| D | MACHINE HEIGHT (FOLDED ROPS) | 2155 mm (84.8 in) |
| Е | DRUM WIDTH | 1380 mm (54.3 in) |
| Е | TIRE-AXLE WIDTH | - |
| F | MACHINE WIDTH | 1421 mm (55.9 in) |
| G | MACHINE LENGTH | 2837 mm (111.7 in) |
| н | GROUND CLEARANCE | 325 mm (12.8 in) |
| Т | DRUM DIAMETER | 850 mm (33.5 in) |
| J | DRUM SHELL THICKNESS | 17 mm (0.7 in) |
| к | MACHINE WIDTH (TOTAL) | 1503 mm (59.2 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. | 55 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 | - |

WEIGHT AND OPERATING CHARACTERISTICS

| OPERATING WEIGHT CECE | 4650 kg (10 251.5 lb) |
|---------------------------------|-----------------------|
| OPERATING WEIGHT MAX. | 5100 kg (11 243.6 lb) |
| STATIC LINEAR LOAD (FULL-FLUSH) | 16.8 kg/cm (37 lb) |
| TURNING RADIUS INSIDE | 2621 mm (103.2 in) |
| STEERING / OSCILLATING ANGLE | 32/8 ±° |
| DRUM OFFSET | 40 mm (1.57 in) |

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 % |



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
 FOPS canopy
- Arm rests
- Second drive-lever, left
- Edge-cutter incl.
- multi-function lever Bio-degradable hydraulic oil
- ACE^{force}
- Customer colour
- Additional working lights
 (ROPS mounted)
 - Warning beacon
 - Foldable scrapers
 - Weather canopy

