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
**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)
F. **TIRE-AXLE WIDTH**: –
G. **MACHINE WIDTH**: 1341 mm (52.8 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

### 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)

### 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
- **EMISSION 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
- Arm rests
- Second drive-lever, left
- Edge-cutter incl. multi-function lever
- Bio-degradable hydraulic oil
- ACE vibration
- FOPS canopy
- Additional working lights (ROPS mounted)
- Warning beacon
- Foldable scrapers
- Weather canopy

For additional product information and services please visit: www.ammann-group.com
Specifications are subject to change.
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