

# ARX 40-2

## LIGHT TANDEM VIBRATORY ROLLER

EU STAGE V / U.S. EPA TIER 4 FINAL

### APPLICATIONS

- Small and medium construction sites
- Road maintenance
- City street repairs
- Confined work spaces
- Pathways
- Playgrounds, golf courses



### PRODUCTIVITY

#### Smooth rolling

No sudden starts and stops during machine operation.

#### Compaction performance

Varied machine sizes ensure proper fits for the application and jobsite.

### ERGONOMICS

#### The operator platform

is designed for comfort, ensuring a pleasant experience no matter the duration of the shift.

**The operator station** offers 360° all-around machine visibility from the seat to maximize safety on the jobsite.

### SERVICEABILITY

#### Low downtime

Robust design that protects components.

#### Reduced maintenance

Easy-to-reach maintenance points.

### SUSTAINABILITY

#### ECODrop

Improved efficiency, reduced use of fluids.

#### Advanced technologies

Machine usage controlled to bring efficiency, productivity – and enable precise documentation.

### OPTIONAL EQUIPMENT

- Two non-split drums, in-line
- Additional documentation printed
- Additional lights for hard canopy
- Additional Lights for ROPS
- Additional Lights for ROPS with Beacon
- Additional mirror
- Ammann Traction Control (ATC)
- AmmannCare Gold
- AmmannCare Silver
- Back-up alarm
- Back-up alarm adaptive
- CE conformity
- Certificate of origin
- Color scheme customer
- Compaction Measuring System ACE<sup>force</sup>
- Drive lever additional left
- Edge cutter 45° (front right)
- Frame ROPS
- Hard canopy ROPS mounted
- Hard driving
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance kit 1000h
- Maintenance kit 500h
- Maintenance kit 250h
- Maintenance kit 50h
- Overseas shipping preparation
- Registration plate holder
- Road lights
- Road lights incl. turn signals
- Scrapers double drum tiltable
- Seat activation warning switch
- Seat belt 3"
- Seat options armrests
- Seat options seat heating
- Telematics ServiceLink Light
- Telematics ServiceLink Plus
- Toolset
- Transport accessories
- Warning beacon green LED
- Warning beacon green LED for ROPS/FOPS
- Warning beacon LED for hard canopy
- Warning beacon LED for ROPS
- Warning beacon LED green for hard canopy
- Warning beacon LED ROPS/FOPS
- Warning beacon permanently activated
- Water tank lock

### STANDARD EQUIPMENT

- 2 amplitudes / 2 frequencies
- Ammann color design and decals
- Articulation joint with oscillation and offset
- AVC - Automatic Vibration Control
- Operator station with one drive lever (RH)
- Front and rear drive and vibration
- Open platform with safety handles
- Electronic drive lever
- Pressure water sprinkling with interval switch, 2 stage filtration
- Multi-functional display for machine overview
- Slideable and horizontally adjustable driver's seat
- Fixed scrapers
- Standard hydraulic oil
- Telematics ready
- On-board diagnostics
- Battery disconnection switch

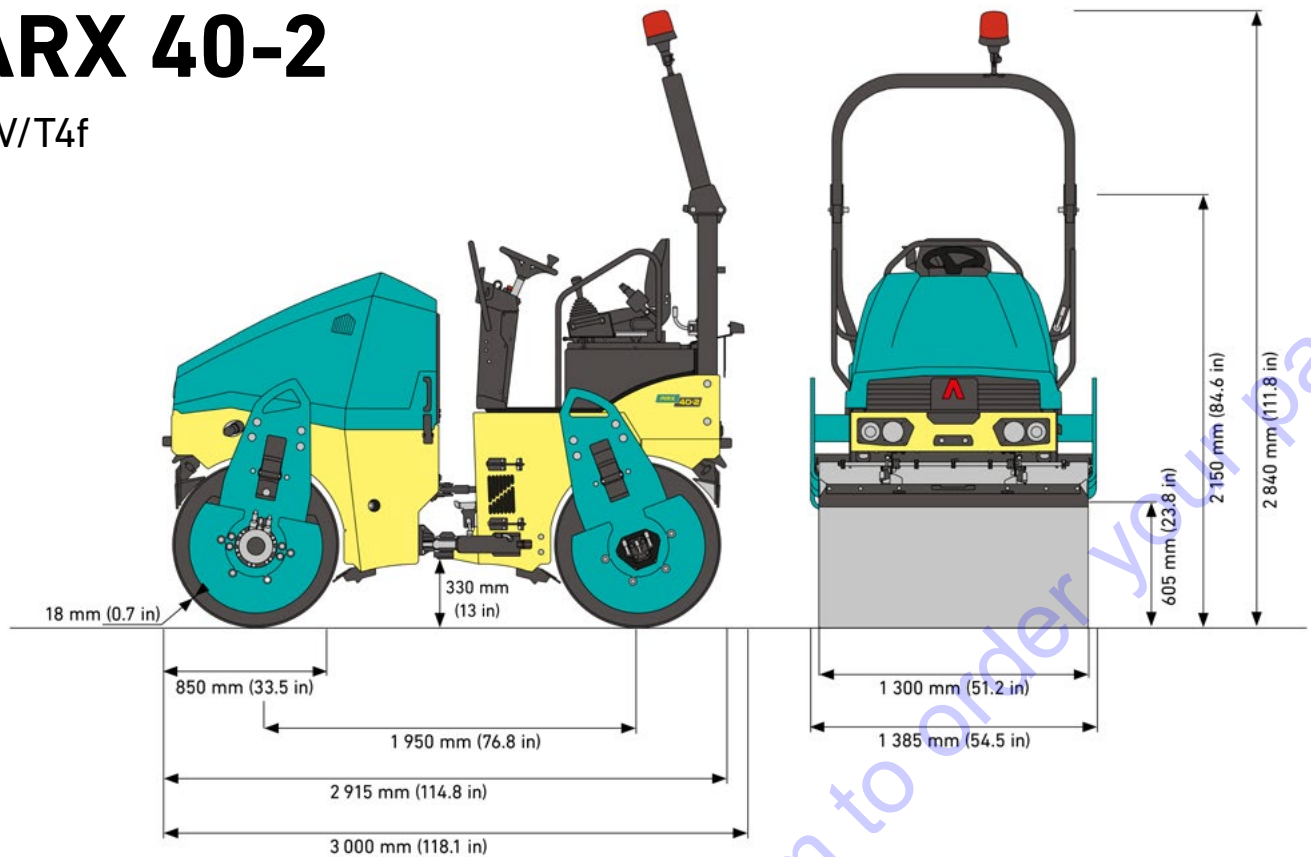
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**AMMANN**

# ARX 40-2

StV/T4f



## WEIGHT & OPERATING CHARACTERISTICS

|                                |                         |
|--------------------------------|-------------------------|
| OPERATING WEIGHT CECE          | 4 200 kg (9,259 lb)     |
| OPERATING WEIGHT MAX.          | 4 490 kg (9,899 lb)     |
| STATIC LINEAR LOAD AVG.        | 16,9 kg/cm (94.6 lb/in) |
| MAX. WORKING SPEED             | 10 km/h (6.2 MPH)       |
| GRADEABILITY WITHOUT VIBRATION | 40%                     |
| GRADEABILITY WITH VIBRATION    | 30%                     |
| TURNING RADIUS (INNER)         | 2 720 mm (107.1 in)     |
| DRUM OFFSET                    | 40 mm (1.6 in)          |

## ENGINE

|                             |                                    |
|-----------------------------|------------------------------------|
| MANUFACTURER                | Kubota                             |
| ENGINE TYPE                 | D1803-CR-T                         |
| ENGINE SPEED                | 2400 rpm                           |
| POWER OUTPUT ISO 3046       | 32,8 kW / 44 HP                    |
| EMISSION STAGE              | EU Stage V / U.S. EPA Tier 4 Final |
| EXHAUST GAS AFTER-TREATMENT | EGR+DOC+DPF                        |

## COMPACTION FORCES

|                       |                      |
|-----------------------|----------------------|
| AMPLITUDE I           | 0,6 mm (0.024 in)    |
| AMPLITUDE II          | 0,4 mm (0.016 in)    |
| FREQUENCY I           | 41 Hz (2,460 vpm)    |
| FREQUENCY II          | 55 Hz (3,300 vpm)    |
| CENTRIFUGAL FORCE I   | 42,4 kN (9,532 lbf)  |
| CENTRIFUGAL FORCE II  | 53,8 kN (12,095 lbf) |
| CENTRIFUGAL FORCE III | 55 kN (12,364 lbf)   |

## MISCELLANEOUS

|                         |                            |
|-------------------------|----------------------------|
| BRAKES OPERATING        | Hydrostatic                |
| BRAKES PARKING          | Multiple-disc spring brake |
| BRAKES EMERGENCY        | Multiple-disc spring brake |
| FUEL TANK CAPACITY      | 57 l (15.1 gal)            |
| WATER TANK CAPACITY     | 340 l (89.8 gal)           |
| TYPE OF WATERING        | Pressure                   |
| HYDRAULIC TANK CAPACITY | 53,5 l (14.1 gal)          |
| STEERING ANGLE          | ±35°                       |
| OSCILLATION ANGLE       | ±9°                        |
| BATTERY VOLTAGE         | 12V                        |
| BATTERY CAPACITY        | 77 Ah                      |

## MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

|               |                  |
|---------------|------------------|
| ROCKFILL      | N/A              |
| SAND / GRAVEL | 300 mm (11.8 in) |
| MIXED SOILS   | 200 mm (7.9 in)  |
| SILT          | N/A              |
| CLAY          | N/A              |
| STABILISATION | 150 mm (5.9 in)  |
| ASPHALT       | 120 mm (4.7 in)  |



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