

# ARX 16-2

## 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
- AmmannCare Gold
- AmmannCare Silver
- Back-up alarm
- Back-up alarm adaptive
- CE conformity
- Certificate of origin
- Color scheme customer
- Drive lever additional left
- Edge cutter 45° (front left)
- Frame ROPS
- Hard canopy ROPS mounted
- Hard driving
- Hydraulic oil biodegradable
- Infrared thermometer
- Maintenance kit 1000h
- Maintenance kit 500h
- Maintenance kit 200h
- 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
- Warning beacon green LED
- Warning beacon LED for hard canopy
- Warning beacon LED for ROPS
- Warning beacon LED green for hard canopy
- Warning beacon permanently activated
- Warning beacon with holder
- Water tank lock

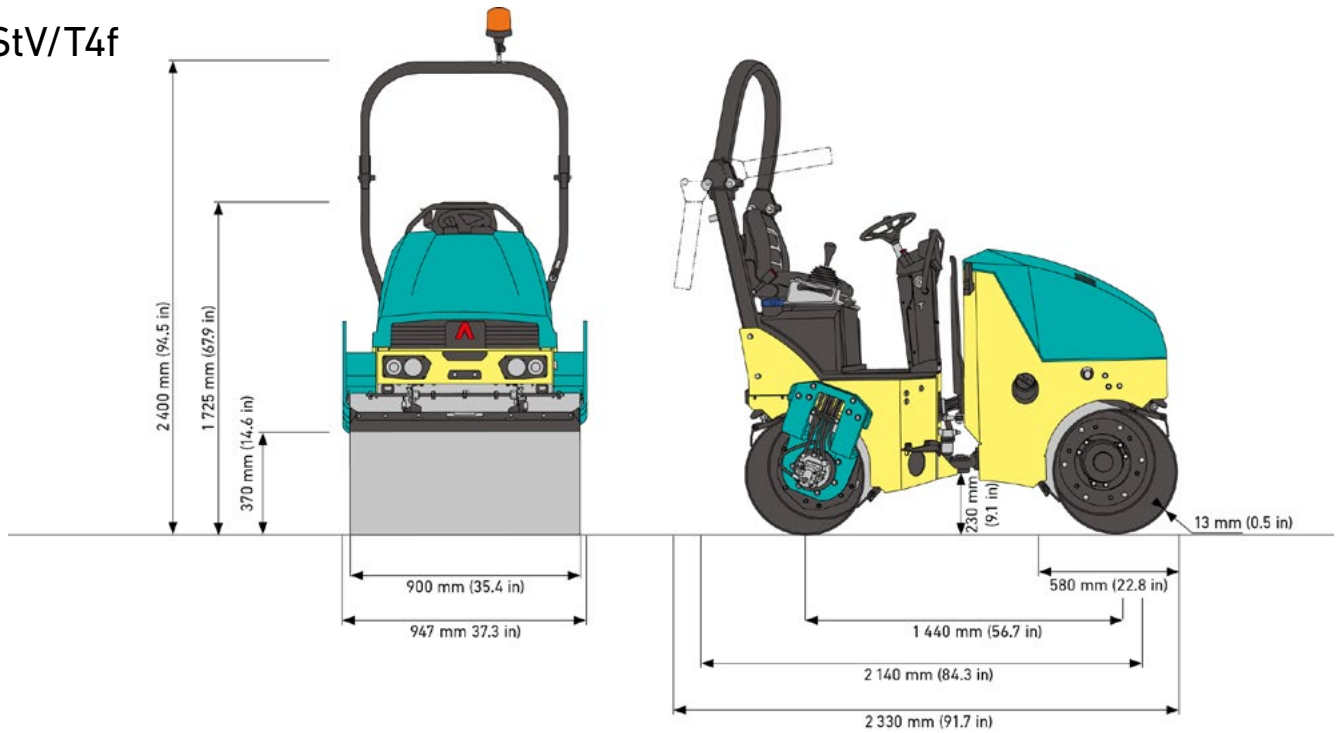
### STANDARD EQUIPMENT

- 1 amplitude / 2 frequencies
- Ammann color design and decals
- Articulation joint with oscillation
- AVC - Automatic Vibration Control
- Operator station with one drive lever (RH)
- Front and rear drive and vibration
- Open platform with safety handles
- Front and rear side free drum attachment
- Electronic drive lever
- Pressure water sprinkling with interval switch, 2 stage filtration
- Horizontally adjustable driver's seat
- Multi-functional display for machine overview
- Non-tiltable scrapers
- Standard hydraulic oil
- Telematics ready
- On-board diagnostics
- Ammann Traction Control (ATC)
- Battery disconnection switch
- Central lifting point

**AMMANN**

# ARX 16-2

StV/T4f



## WEIGHT & OPERATING CHARACTERISTICS

|                                |                         |
|--------------------------------|-------------------------|
| OPERATING WEIGHT CECE          | 1 510 kg (3,329 lb)     |
| OPERATING WEIGHT MAX.          | 1 655 kg (3,649 lb)     |
| STATIC LINEAR LOAD AVG.        | 8,45 kg/cm (47.3 lb/in) |
| MAX. WORKING SPEED             | 8 km/h (5 MPH)          |
| GRADEABILITY WITHOUT VIBRATION | 35%                     |
| GRADEABILITY WITH VIBRATION    | 30%                     |
| TURNING RADIUS (INNER)         | 2 130 mm (83.9 in)      |
| DRUM OFFSET                    | 48 mm (1.9 in)          |

## ENGINE

|                        |                                    |
|------------------------|------------------------------------|
| MANUFACTURER           | Kubota                             |
| ENGINE TYPE            | D1105                              |
| ENGINE SPEED           | 2400 / 2600 rpm                    |
| POWER OUTPUT ISO 14396 | 15,6 kW / 21,2 HP                  |
| EMISSION STAGE         | EU Stage V / U.S. EPA Tier 4 Final |

## COMPACTION FORCES

|                      |                   |
|----------------------|-------------------|
| AMPLITUDE I          | 0,5 mm (0.020 in) |
| AMPLITUDE II         | 0,5 mm (0.020 in) |
| FREQUENCY I          | 60 Hz (3,600 vpm) |
| FREQUENCY II         | 70 Hz (4,200 vpm) |
| CENTRIFUGAL FORCE I  | 20 kN (4,496 lbf) |
| CENTRIFUGAL FORCE II | 23 kN (5,171 lbf) |

## MISCELLANEOUS

|                         |                            |
|-------------------------|----------------------------|
| BRAKES OPERATING        | Hydrostatic                |
| BRAKES PARKING          | Multiple-disc spring brake |
| BRAKES EMERGENCY        | Multiple-disc spring brake |
| FUEL TANK CAPACITY      | 24 l (6.3 gal)             |
| WATER TANK CAPACITY     | 110 l (29.1 gal)           |
| TYPE OF WATERING        | Pressure                   |
| HYDRAULIC TANK CAPACITY | 28,5 l (7.5 gal)           |
| STEERING ANGLE          | ±30°                       |
| OSCILLATION ANGLE       | ±6°                        |
| BATTERY VOLTAGE         | 12V                        |
| BATTERY CAPACITY        | 77 Ah                      |

## MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

|               |                 |
|---------------|-----------------|
| ROCKFILL      | N/A             |
| SAND / GRAVEL | 200 mm (7.9 in) |
| MIXED SOILS   | 150 mm (5.9 in) |
| SILT          | N/A             |
| CLAY          | N/A             |
| STABILISATION | 100 mm (3.9 in) |
| ASPHALT       | 80 mm (3.1 in)  |