

# ARS 130.1

## SINGLE DRUM ROLLER

EU STAGE IIIA / U.S. EPA TIER 3

### APPLICATIONS

- Medium and large compaction sites
- Transport construction
- Municipal and town roads
- Rock fill dams
- Industrial zones
- City centers



### PRODUCTIVITY

#### No-rear-axle

Provides low centre of gravity and high versatility.

#### Compaction performance

Two-stage vibratory system, high compaction output.

### ERGONOMICS

#### Platform and cab

Spacious and quiet, with 360° visibility.

#### Operator station

High comfort and safety.

### SERVICEABILITY

#### Reduced downtime

Heavy-duty components and robust construction.

#### Reduced maintenance

Extended service intervals; easy-to-reach maintenance points.

### SUSTAINABILITY

#### ECodrop

Improved efficiency, reduced use of fluids.

#### Digitalization

Advanced monitoring and measuring systems

### OPTIONAL EQUIPMENT

- Additional documentation printed
- Ammann Traction Control - ATC
- Back-up alarm
- Back-up alarm adaptive
- Cab ROPS
- Cab noise reduction kit
- ROPS cab with A/C
- Certificate of origin
- Compaction measuring system ACE
- Container shipment preparation
- Engine air inlet pre-cleaner
- Fire extinguisher
- Fuel tank lock
- Hydraulic oil biodegradable
- Padfoot shell kit - including scrapers
- Rear view camera
- Registration plate holder incl. light
- Road lights incl. turn signals
- Scrapers vulcolan for smooth drum
- Maintenance kit 1000h
- Maintenance kit 2000h
- Maintenance kit 500h
- Telematics Servicelink Pro
- Telematics preparation
- Toolset
- Tractor tyres
- Tyre ballast -25°C
- Warning beacon LED

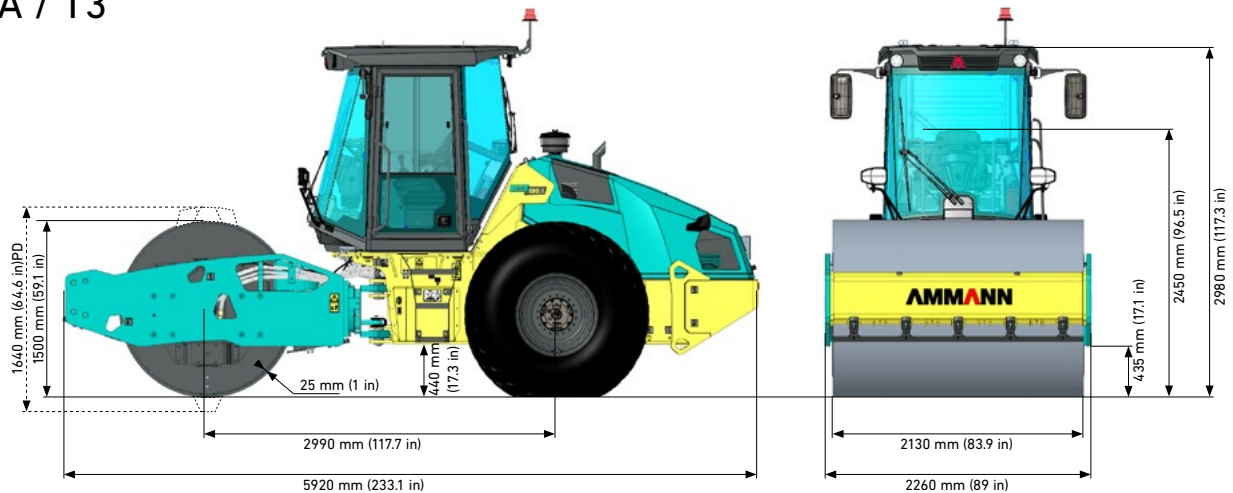
### STANDARD EQUIPMENT

- CE Conformity without
- Smooth drum
- Steel scrapers
- Diamond tread tyres
- ECodrop
- Inter wheel flow divider
- 2 amplitudes / 2 frequencies
- Operator's station with one drive lever (RH)
- Adjustable driver's seat with armrests
- Adjustable Steering column
- Battery disconnection switch
- Working lights (front / rear) - LED
- Standard hydraulic oil
- Testports on Hydrocomponents
- Manual hood opening and Cab tilting
- Telematics Ready
- Ammann color design and decals
- External draining points
- On-board diagnostics

# AMMANN

# ARS 130.1

StIIIA / T3



## WEIGHT & OPERATING CHARACTERISTICS

|                                |                          |
|--------------------------------|--------------------------|
| OPERATING WEIGHT ROPS-FOPS     | 12 475 kg (27 503 lb)    |
| OPERATING WEIGHT CAB           | 12 540 kg (27 646 lb)    |
| OPERATING WEIGHT CAB MAX.      | 14 392 kg (31 729 lb)    |
| STATIC LINEAR LOAD             | 35.5 kg/cm (198.8 lb/in) |
| NUMBER OF PADS                 | –                        |
| PAD CONTACT SURFACE            | –                        |
| PAD HEIGHT                     | –                        |
| MAX. WORKING SPEED             | 7 km/h (4.3 mph)         |
| MAX. TRANSPORT SPEED           | 12 km/h (7.5 mph)        |
| GRADEABILITY WITHOUT VIBRATION | 50%                      |
| GRADEABILITY WITH VIBRATION    | 40%                      |
| TURNING RADIUS (INNER)         | 3595 mm (141.5 in)       |

## ENGINE

|                             |                                 |
|-----------------------------|---------------------------------|
| MANUFACTURER                | Deutz                           |
| ENGINE TYPE                 | TCD2012                         |
| POWER OUTPUT ISO 14396      | 96 kW (130HP)                   |
| ENGINE SPEED                | 2200 rpm                        |
| EXHAUST GAS AFTER-TREATMENT | no EAT                          |
| EMISSION STAGE              | EU Stage IIIA / U.S. EPA Tier 3 |

## COMPACTION FORCES

|                      |                     |
|----------------------|---------------------|
| FREQUENCY I          | 32 Hz (1920 vpm)    |
| FREQUENCY II         | 35 Hz (2100 vpm)    |
| AMPLITUDE I          | 1.85 mm (0.073 in)  |
| AMPLITUDE II         | 0.9 mm (0.035 in)   |
| CENTRIFUGAL FORCE I  | 275 kN (61 822 lbf) |
| CENTRIFUGAL FORCE II | 160 kN (35 969 lbf) |

## MISCELLANEOUS

|                         |                            |
|-------------------------|----------------------------|
| BRAKES OPERATING        | Hydrostatic                |
| BRAKES PARKING          | Multiple-disc spring brake |
| BRAKES EMERGENCY        | Multiple-disc spring brake |
| FUEL TANK CAPACITY      | 310 l (81.9 gal)           |
| HYDRAULIC TANK CAPACITY | 76 l (20.1 gal)            |
| STEERING ANGLE          | ±36°                       |
| OSCILLATION ANGLE       | ±10°                       |
| BATTERY VOLTAGE         | 24V                        |
| BATTERY CAPACITY        | 2x75 Ah                    |

## MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

|               |                   |
|---------------|-------------------|
| ROCKFILL      | 1000 mm (39.3 in) |
| SAND / GRAVEL | 700 mm (27.5 in)  |
| MIXED SOILS   | 600 mm (23.6 in)  |
| SILT          | 450 mm (17.7 in)  |
| CLAY          | 270 mm (10.6 in)  |

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For additional product information and services please visit: [www.ammann.com](http://www.ammann.com)

Materials and specification data are subject to change without notice.

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