

ARS 130.1

SINGLE DRUM ROLLER

EU STAGE IIIA / U.S. EPA T3



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, 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



- **ECOdop** - improved efficiency, reduced use of fluids
- **Digitalization** - advanced monitoring and measuring systems

OPTIONAL EQUIPMENT

- A/C Cab
- Cabin without A/C
- Radio FM
- Radio Preparation
- Scrapers Vulcolan for Smooth Drum
- Tractor Tyres
- Engine Air Inlet Pre-Cleaner
- Warning Beacon LED
- Hydraulic Oil Biodegradable
- Back-up Alarm
- Back-up Alarm Adaptive
- Ammann Traction Control ATC
- Tyre Ballast -25°C
- Color Scheme Customer
- Compaction Measuring System ACE
- Telematics Preparation
- Telematics Servicelink Plus
- CE Conformity
- Fuel Tank Lock
- Padfoot Shell Kit incl. Scrapers
- Road Lights incl. Turn Signals
- Registration Plate Holder incl. Light
- Fire Extinguisher
- Maintenance Kit 500h
- Toolset
- Certificate of Origin
- Overseas Shipping Preparation
- Additional Documentation Printed
- Rear View Camera

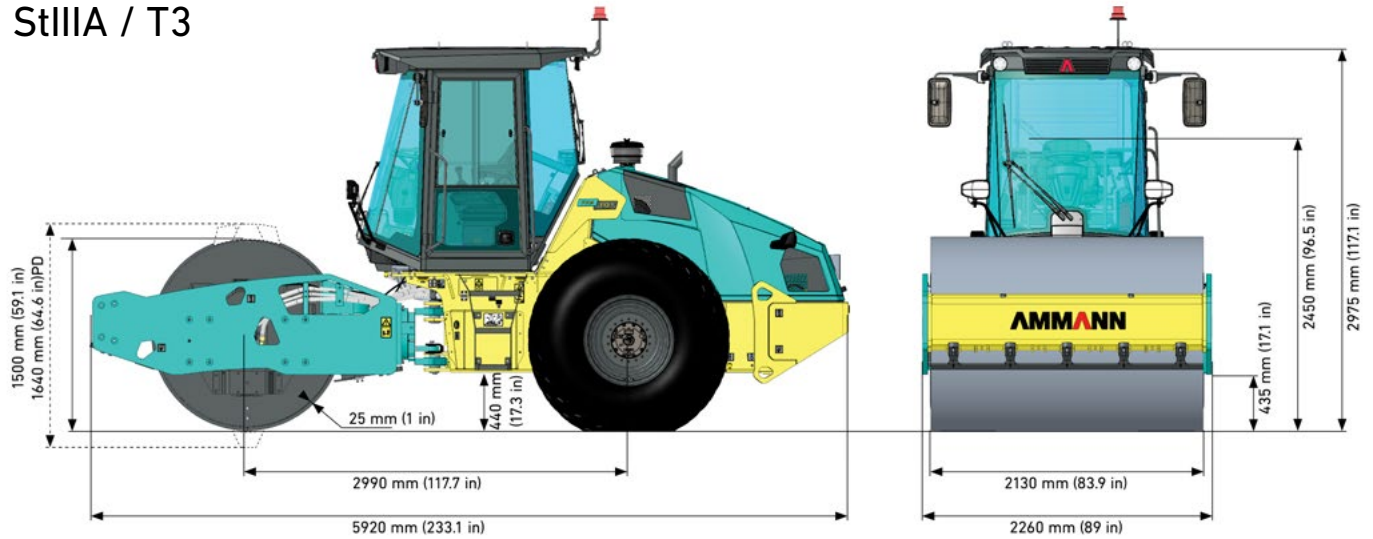
STANDARD EQUIPMENT

- Basic version propulsion (wheel and drum drive); flow divider between wheels
- Smooth Drum, 2 Frequencies/2 Amplitudes Vibration System
- ROPS Open Platform with Rails and Working Lights
- Steel Scrapers
- Diamond Tread Tyres
- Ammann Color Scheme

AMMANN

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WEIGHT & OPERATING CHARACTERISTICS

	Open ROPS-FOPS	Cab ROPS-FOPS
OPERATING WEIGHT CECE	12 540 kg (27,646 lb)	12 680 kg (27,955 lb)
OPERATING WEIGHT MAX.	14 220 kg (31,350 lb)	14 220 kg (31,350 lb)
STATIC LINEAR LOAD	35.5 kg/cm (78.3 lb/in)	36.2 kg/cm (79.8 lb/in)
PAD CONTACT SURFACE	-	-
PAD HEIGHT	-	-
MAX. TRANSPORT SPEED	12 km/h (7.5 MPH)	12 km/h (7.5 MPH)
MAX. WORKING SPEED	5 km/h (3.11 MPH)	5 km/h (3.11 MPH)
THEORETICAL GRADEABILITY	70%	70%
TURNING RADIUS (INNER)	3595 mm (141.5 in)	3595 mm (141.5 in)

ENGINE

TYPE	Deutz TCD2012L042V
POWER ACCORDING TO ISO 14396	96 kW (128.7 HP)
EXHAUST GAS AFTER-TREATMENT	no EAT
EMISSION STAGE	EU Stage IIIA / U.S. EPA T3

COMPACTION FORCES

FREQUENCY I	35 Hz (2100 vpm)
FREQUENCY II	32 Hz (1920 vpm)
AMPLITUDE I	1.9 mm (0.07 in)
AMPLITUDE II	0.85 mm (0.03 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)
ARTICULATION ANGLE	±36°
OSCILLATION ANGLE	±10°
OPERATING VOLTAGE	24V DC
BATTERY	2 x 75 Ah

MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

ROCKFILL	1000 mm (39.4 in)
SAND / GRAVEL	700 mm (27.6 in)
MIXED SOILS	600 mm (23.6 in)
SILT	450 mm (17.7 in)
CLAY	270 mm (10.6 in)