

# ARP 75

## PIVOT-STEER TANDEM ROLLER

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



### APPLICATIONS

- Open, straight jobsites
- Municipal roads
- Highways
- Tighter jobsites
- Roundabouts
- Urban areas

### PRODUCTIVITY

#### Pivot steering with split drums

Enables high manoeuvrability and reduces surface shear forces. A wide range of working widths provide productivity.

#### Multiple vibration frequencies

Varied vibratory settings increase or decrease compaction output for even more precise compaction control and higher quality.

#### Sprinkling system

3-stage filtration system with large water tank for extended intervals between fillings

### ERGONOMICS

#### Advanced machine controls

Ergonomic steering system makes the machine operator-friendly and easy to control

#### Operator station

An intuitively organized, fully adjustable operator station has all controls located within easy reach

#### Uninhibited visibility

Excellent all-around machine visibility for jobsite safety

### SERVICEABILITY

#### ECODrop

Smart machine functions and new technologies improve efficiency and reduce fuel consumption and the amount of required fluids.

#### Maintenance-friendly design

Tool-free, wide-opening side doors provide access to the engine compartments and service points

#### Self-diagnostic system

The on-board, automated diagnostic system quickly identifies potential problems

### OPTIONAL EQUIPMENT

- Customer color scheme
- Split double drums (Front ACE<sup>pro</sup>)
- Split combi drums (Front ACE<sup>pro</sup>)
- Biodegradable hydraulic oil
- Additional Lights 360° LED
- Additional Lights 360° LED for Combi
- A/C
- A/C without Cooling Medium
- Radio Preparation
- Radio
- Sun Films on Cabin Glasses
- Sun Visor
- Warning Beacon LED
- Warning Beacon Green LED
- Back-up Alarm
- Back-up Alarm Adaptive
- Edge Cutter 45° (Front Right)
- Edge Cutter 45° (Diagonal)
- Edge Cutter 45° (Rear left)
- Chip Spreader Preparation
- Chip Spreader
- Infrared Thermometer
- Compaction Measuring System ACE<sup>force</sup>
- Telematics Preparation
- Telematics Topcon
- Telematics Trackunit
- Telematics ServiceLink
- GPS Q-Compaction Preparation
- GPS Q-Compaction Preparation ACE
- GPS Q-Compaction ACE
- ADS (Ammann Documentation System)
- ADS (Ammann Documentation System) RTK
- Rear View Camera
- Rear View Camera for Chip Spreader
- ROPS 2D
- Water Tank Filling from Ground
- Slow Moving Vehicle Triangle
- Toolset
- Fire Extinguisher
- Cooling Box
- Seat Belt 3"
- Maintenance Kit 500h
- Maintenance Kit 1000h
- Maintenance Kit 2000h
- Engine Automatic Stop
- Steering Control
- Battery Disconnection Switch
- Registration Plate Holder
- Container Shipment Preparation
- Certificate of Origin
- Additional Printed Documentation
- Additional Lights Cabin LED

### STANDARD EQUIPMENT

- CE conformity
- Cab version with integrated ROPS
- Working lights on cab
- 10" multi-control display with on-board diagnostics
- 270° rotatable & slideable seat
- FTS (Finger Tip Steering)
- 2 smooth drums, multiple frequencies/ 2 amplitude vibratory system
- Ammann color scheme
- Tilttable scrapers
- Central draining points
- Test ports on hydro-components

# AMMANN

TECHNICAL SPECIFICATIONS  
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**DIMENSIONS**

A	MACHINE LENGTH	4100 mm (161,4 in)
B	WHEELBASE	3000 mm (118.1 in)
C	MACHINE HEIGHT	3000 mm (118.1 in)
E	DRUM WIDTH	1500 mm (59,1 in)
F	MACHINE WIDTH	1670 mm (65,7 in)
G	CURB CLEARANCE	715 mm (28,1 in)
H	GROUND CLEARANCE	240 mm (9,4 in)
I	DRUM DIAMETER	1100 mm (43,3 in)
J	DRUM THICKNESS	18 mm (0,7 in)

**WEIGHT & OPERATING CHARACTERISTICS**

OPERATING WEIGHT CECE	7375 kg (16 259 lb)
STAT. LIN. LOAD	24.6 kg (54.23 lb)
TRAVEL SPEED	10 km/h (6.21 miles/h)
OSCILLATION ANGLE	± 6°
STEERING ANGLE	± 24°
TURNING RADIUS, INNER (EDGE)	2938 mm (115.7 in)
DRUM OFFSET	1220 mm (48 in)

**ENGINE**

MANUFACTURER	Kubota V3307-CR-T
POWER OUTPUT ISO 14396	54.4 kW (74 HP)
EMISSION CLASS	EU Stage V, U.S. EPA Tier 4 Final
EXHAUST GAS AFTER-TREATMENT	EGR+DOC+DPF

**COMPACTION FORCES**

FREQUENCY I	38-48 Hz (2280-2880 VPM)
FREQUENCY II	45-55 Hz (2700-3300 VPM)
AMPLITUDE I	0,68 mm (0,03 in)
AMPLITUDE II	0,39 mm (0,02 in)
CENTRIFUGAL FORCE I	58-92 kN (13 038,92 - 20 682,42 lbf)
CENTRIFUGAL FORCE II	47-70 kN (10 566,02 - 15 736,63 lbf)

**MISCELLANEOUS**

FUEL TANK CAPACITY	180 liters (47,5 gallons)
WATER TANK CAPACITY	900 liters (237,75 gallons)

**MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS**

ROCKFILL	N/A
SAND / GRAVEL	350 mm (13.7 in)
MIXED SOILS	250 mm (9.8 in)
SILT	N/A
CLAY	N/A
STABILISATION	180 mm (7.1 in)
ASPHALT	40-130 mm (1.58-5.1 in)