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AMMANN



Machines

Tandem Vibrating Rollers
ARP 35/ARP 35 K

www.atechnicscom.ru





The roller of this class is ideal for small and medium size asphalt job sites where the pivot-steering guarantees an excellent manoeuvrability and flexibility for different applications.

The ARP 35 Roller is a tandem vibratory-type roller with rigid frame and two smooth steel drums. Both drums are hydrostatic driven and vibrating. The concept of the frame allows compacting close to walls and elevated

curbs on both sides of the machine. Convenient for work within constrained areas due to its compact dimensions and small turning radius. Operator's position provides perfect control of both edges of the drums.

Compaction performance

- Asphalt mixtures up to 120 mm
- Mixed soils up to 200 mm
- Sand/gravel up to 300 mm

Applications

- Back-up alarm
- Warning beacon
- Slow moving vehicle (SMV) sign
- Tool kit
- Customer colour
- Fire extinguisher



Benefits



Flexible working width
1100 – 1924 mm



Sliding & suspended seating with 2 drive levers



Kombi version



Simple dashboard layout



Reliable & easy to maintain



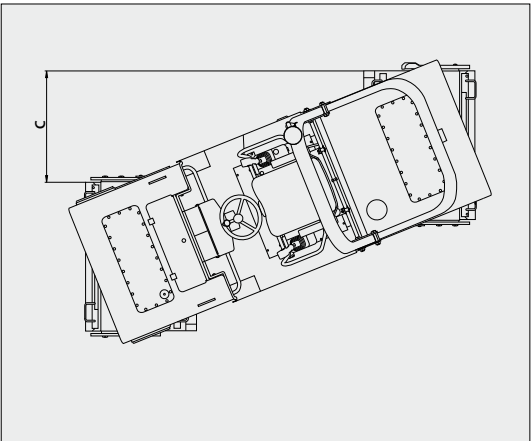
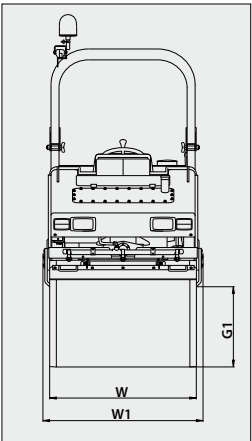
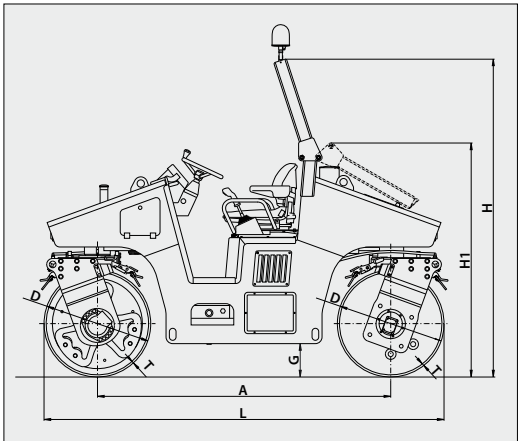
Edge cutter

Standard

- CE conformity with folding ROPS
- Two drive levers
- Sliding driver's seat
- Both drums vibrating
- Working lights
- Vibration – automatic
- Road lifting
- Sprinkler-system with timer
- Foldable scrapers

Optional

- Back-up alarm
- Warning beacon
- Slow moving vehicle (SMV) sign
- Tool kit
- Customer colour
- Fire extinguisher
- Bio degradable oil
- Filters for the first 500 h
- Filters for the first 1000 h
- Kombi front axle with thermal aprons and emulsion sprinkling system
- Edge cutter



A	C	D	G	H	H1	L	T	W	W1
2200	824	800	250	2387	1755	3000	15	1100	1198

Dimensions in mm.



Technical Specifications

		ARP 35	ARP 35 K
Weight			
Operating weight CECE with platform, ROPS	kg	3200	3200
Static linear load – front drum	kg/cm	14,5	0,4 t/wheel
Static linear load – rear drum	kg/cm	14,5	14,5
Driving characteristics			
Maximum transport speed	km/h	10	10
Climbing ability without vibration	%	35	35
Climbing ability with vibration	%	30	30
Turning radius inner (edge)	mm	2390	2390
Turning radius outer (contour)	mm	3600	3600
Type of drive	-	Hydrostatic	Hydrostatic
Oscillation angle	°	± 6	± 6
Angle of steering	°	± 22	± 22
Engine			
Manufacturer	-	Deutz	Deutz
Type	-	D2011 L03i	D2011 L03i
Power	kW	36	36
Engines complies with emission regulations	-	97/68/EU Stage IIIa, EPA/CARB 40 CFR Part 89 Tier 3	97/68/EU Stage IIIa, EPA/CARB 40 CFR Part 89 Tier 3
Brakes			
Operating	-	Hydrostatic	Hydrostatic
Parking	-	Mechanical multiple-disc	Mechanical multiple-disc
Emergency	-	Mechanical multiple-disc	Mechanical multiple-disc
Vibration			
Amplitude	mm	0,47	0,47
Low frequency	Hz	47	47
High frequency	Hz	60	60
Low centrifugal force	kN	22	22
High centrifugal force	kN	35	35
Watering			
Type of sprinkling system	-	Pressurized	Pressurized
Number of pumps	-	1	1
Number of filtrations	-	3	3
Fluid capacities			
Fuel	l	80	80
Water sprinkling system	l	290	290
Wiring			
Voltage	V	12	12
Battery capacity	Ah	66	66
Noise and vibration emissions			
Guaranteed sound power level A	dB	106	106
Highest weighted effective value of acceleration of vibrations transmitted to the whole body	m/s²	<0,5	<0,5
Total value of acceleration of vibrations transmitted to hands	m/s²	<2,5	<2,5
Level of sound pressure affecting operator (platform)	dB	89	89