

“Ammann Tandem Rollers provide operator comfort and easy adjustment of amplitude and frequency.”



TANDEM ROLLERS

THE ULTIMATE BENEFIT OF OPERATOR COMFORT

What might initially appear as comfort actually translates into jobsite productivity. For example, conveniently located, intuitive controls make the operator's job easier – and they help him be more efficient, too. Reduced vibration to the cab means less operator fatigue – and more force applied to the compaction target. The list goes on, but the story remains the same: Operator comfort is synonymous with productivity.



OUTSTANDING VISIBILITY

On many models the operator's station extends beyond the frame for improved views of the drum, surface and spray system. All models utilise a rotating seat that helps the operator see out the front and back.

EASY ACCESSIBILITY

Service and maintenance points are easy to reach, as are fluid ports. Your service team will make quicker, more efficient work of preventive maintenance.

ACE COMPACTION SYSTEMS

Tandem roller options include the proprietary Ammann Compaction Expert (ACE), an automated compaction measurement and control system. ACE systems with various capacities are available depending on your needs. All provide cost-saving efficiencies.

(For more information, see pages 24-25.)



EASY OPERATION

Ammann Tandem Rollers are designed and engineered for easy operation. That includes the location of controls, an easy-to-see operator display, drive levers, visibility and easy adjustment of amplitude and frequency. And that's just the start.

APPLICATIONS

SMALL TANDEMS:

- New construction
- Asphalt and soil compaction
- Parking lots
- Sidewalks
- Cycle paths
- Playing fields

LARGE TANDEMS:

- Asphalt bases, binders and wearing courses
- Sub-base and base compaction of aggregates
- Transportation construction
- Building construction



SPECIFICATIONS

LIGHT TANDEM VIBRATORY ROLLERS 1,5-4,5t

	ARX 12	ARX 16	ARX 16 K	ARX 20
	Tier 4i	Tier 4i	Tier 4i	Tier 4i
OPERATING WEIGHT	1475 kg (3251.8 lb)	1520 kg (3351 lb)	1460 kg (3218.7 lb)	1570 kg (3461.3 lb)
WORKING WIDTH	820 mm (32.3 in)	900 mm (35.4 in)	900 mm (35.4 in)	1000 mm (39.4 in)
DRUM OFFSET	50 mm (1.97 in)	50 mm (1.97 in)	50 mm (1.97 in)	50 mm (1.97 in)
CENTRIFUGAL FORCE	23 kN	23 kN	23 kN	24 kN
FREQUENCY	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)
AMPLITUDE	0.5 mm (0.02 in)	0.5 mm (0.02 in)	0.5 mm (0.02 in)	0.45 mm (0.02 in)
ENGINE	YANMAR 3TNV76	YANMAR 3TNV76	YANMAR 3TNV76	YANMAR 3TNV76
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i
ROAD CONSTRUCTION TECHNOLOGY	–	–	–	–

	ARX 23	ARX 23 K	ARX 26	ARX 26 K
	Tier 4i	Tier 4i	Tier 4i	Tier 4i
OPERATING WEIGHT	2250 kg (4960.4 lb)	2045 kg (4508.4 lb)	2460 kg (5423.4 lb)	2250 kg (4960.4 lb)
WORKING WIDTH	1000 mm (39.4 in)	1000 mm (39.4 in)	1200 mm (47.2 in)	1200 mm (47.2 in)
DRUM OFFSET	40 mm (1.57 in)	40 mm (1.57 in)	40 mm (1.57 in)	40 mm (1.57 in)
CENTRIFUGAL FORCE	41 kN	41 kN	47 kN	47 kN
FREQUENCY	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)
AMPLITUDE	0.42 mm (0.02 in)	0.45 mm (0.02 in)	0.42 mm (0.02 in)	0.45 mm (0.02 in)
ENGINE	YANMAR 3TNV88	YANMAR 3TNV88	YANMAR 3TNV88	YANMAR 3TNV88
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i
ROAD CONSTRUCTION TECHNOLOGY	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}

	ARX 36	ARX 40	ARX 40 K	ARX 45	ARX 45 K
	Tier 4i	Tier 4i	Tier 4i	Tier 4i	Tier 4i
OPERATING WEIGHT	3725 kg (8212.2 lb)	4125 kg (9094.1 lb)	4055 kg (8939.7 lb)	4650 kg (10 251.5 lb)	4325 kg (9535 lb)
WORKING WIDTH	1300 mm (51.2 in)	1300 mm (51.2 in)	1300 mm (51.2 in)	1380 mm (54.3 in)	1380 mm (54.3 in)
DRUM OFFSET	40 mm (1.57 in)	40 mm (1.57 in)	40 mm (1.57 in)	40 mm (1.57 in)	40 mm (1.57 in)
CENTRIFUGAL FORCE	50 kN	52 kN	52 kN	55 kN	55 kN
FREQUENCY	45/57 Hz (2700/3420 VPM)	45/57 Hz (2700/3420 VPM)	45/57 Hz (2700/3420 VPM)	45/57 Hz (2700/3420 VPM)	45/57 Hz (2700/3420 VPM)
AMPLITUDE	0.36/0.55 mm (0.01/0.02 in)	0.36/0.55 mm (0.01/0.02 in)	0.36/0.55 mm (0.01/0.02 in)	0.36/0.55 mm (0.01/0.02 in)	0.36/0.55 mm (0.01/0.02 in)
ENGINE	YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV88
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i
ROAD CONSTRUCTION TECHNOLOGY	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}



RIGID FRAME TANDEM ROLLERS 3-9t

	ARP 35	ARP 35 K	ARP 95	ARP 95 K
	Tier 4i	Tier 4i	Tier 4i	Tier 4i
OPERATING WEIGHT	3200 kg (7050 lb)	3200 kg (7050 lb)	9610 kg (21 190 lb)	9180 kg (20 240 lb)
WORKING WIDTH	1100 mm (43.4 in)	1100 mm (43.4 in)	1680 mm (66.2 in)	1680 mm (66.2 in)
CRAB MODE	824 mm (32.5 in)	824 mm (32.5 in)	1350 mm (53.1 in)	1390 mm (54.72 in)
CENTRIFUGAL FORCE	35/22 kN	35/22 kN	92/62 kN	92/62 kN
FREQUENCY	47/60 Hz (2820/3600 VPM)	47/60 Hz (2820/3600 VPM)	42/55 Hz (2520/3300 VPM)	42/55 Hz (2520/3300 VPM)
AMPLITUDE	0.47 mm (0.02 in)	0.47 mm (0.02 in)	0.66/0.26 mm (0.026/0.01 in)	0.66/0.26 mm (0.026/0.01 in)
ENGINE	Deutz D2011 L03i	Deutz D2011 L03i	Deutz TCD3.6 L4	Deutz TCD3.6 L4
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 4i	EU Stage IIIA, U.S. EPA Tier 4i	EU Stage IIIB, U.S. EPA Tier 4i	EU Stage IIIB, U.S. EPA Tier 4i
ROAD CONSTRUCTION TECHNOLOGY	–	–	ACE ^{pro} , ACE ^{force}	ACE ^{pro} , ACE ^{force}

ARTICULATED TANDEM ROLLERS 4-13t

	AV 70 X	AV 110 X	AV 110 X	AV 130 X
	Tier 3	Tier 2	Tier 3	Tier 3
OPERATING WEIGHT	7360 kg (16 230 lb)	10 400 kg (22 930 lb)	10 400 kg (22 930 lb)	13 080 kg (28 840 lb)
WORKING WIDTH	1450 mm (57.1 in)	1700 mm (67 in)	1700 mm (67 in)	2100 mm (82.7 in)
CRAB MODE	180 mm (7.1 in)	160 mm (6.3 in)	160 mm (6.3 in)	160 mm (6.3 in)
CENTRIFUGAL FORCE	65/55 kN	110/83 kN	110/83 kN	135/116 kN
FREQUENCY	43/52 Hz (2580/3120 VPM)	45/55 Hz (2700/3300 VPM)	45/55 Hz (2700/3300 VPM)	42/55 Hz (2520/3300 VPM)
AMPLITUDE	0.6/0.33 mm (0.024/0.013 in)	0.7/0.35 mm (0.028/0.014 in)	0.7/0.35 mm (0.028/0.014 in)	0.8/0.4 mm (0.031/0.016 in)
ENGINE	Cummins BTAA3.3-C80	Cummins 4BT4.5-C99	Cummins QSB3.3-C99	Cummins QSB4.5-C130
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 3	EU Stage II, U.S. EPA Tier 2	EU Stage IIIA, U.S. EPA Tier 3	EU Stage IIIA, U.S. EPA Tier 3
ROAD CONSTRUCTION TECHNOLOGY	ACE ^{force}	–	ACE ^{force}	ACE ^{force}



ARP 35 - Tier 4i



ARP 95 K - Tier 4i

ARTICULATED TANDEM ROLLERS 9-11t

	ARX 90	ARX 90 K	ARX 90	ARX 90 K	ARX 90	ARX 90 C
	Tier 3	Tier 3	Tier 4i	Tier 4i	Tier 4f	Tier 4f
OPERATING WEIGHT	9470 kg (20 880 lb)	9320 kg (20 550 lb)	9470 kg (20 880 lb)	9320 kg (20 550 lb)	9560 kg (21080 lb)	9410 kg (20 750 lb)
WORKING WIDTH	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)
CRAB MODE	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)
CENTRIFUGAL FORCE	84/68 kN	84/68 kN	84/68 kN	84/68 kN	84/68 kN	84/68 kN
FREQUENCY	42/54 Hz (2520/3240 VPM)	42/54 Hz (2520/3240 VPM)	42/54 Hz (2520/3240 VPM)	42/54 Hz (2520/3240 VPM)	42/54 Hz (2520/3240 VPM)	42/54 Hz (2520/3240 VPM)
AMPLITUDE	0.7/0.34 mm (0.028/0.013 in)	0.7/0.34 mm (0.028/0.013 in)	0.7/0.34 mm (0.028/0.013 in)	0.7/0.34 mm (0.028/0.013 in)	0.7/0.34 mm (0.028/0.013 in)	0.7/0.34 mm (0.028/0.013 in)
ENGINE	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 3	EU Stage IIIA, U.S. EPA Tier 3	EU Stage IIIB, U.S. EPA Tier 4i	EU Stage IIIB, U.S. EPA Tier 4i	EU Stage IV, U.S. EPA Tier 4f	EU Stage IV, U.S. EPA Tier 4f
ROAD CONSTRUCTION TECHNOLOGY	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}

	ARX 110	ARX 110 K	ARX 110	ARX 110 K	ARX 110	ARX 110 C
	Tier 3	Tier 3	Tier 4i	Tier 4i	Tier 4f	Tier 4f
OPERATING WEIGHT	10 310 kg (22 730 lb)	10 090 kg (22 240 lb)	10 310 kg (22 730 lb)	10 090 kg (22 240 lb)	10 400 kg (22 930 lb)	10 180 kg (22 400 lb)
WORKING WIDTH	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)	1680 mm (66.2 in)
CRAB MODE	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)	170 mm (6.7 in)
CENTRIFUGAL FORCE	120/78 kN	120/78 kN	120/78 kN	120/78 kN	120/78 kN	120/78 kN
FREQUENCY	42/52 Hz (2520/3120 VPM)	42/52 Hz (2520/3120 VPM)	42/52 Hz (2520/3120 VPM)	42/52 Hz (2520/3120 VPM)	42/52 Hz (2520/3120 VPM)	42/52 Hz (2520/3120 VPM)
AMPLITUDE	0.82/0.35 mm (0.032/0.014 in)	0.82/0.35 mm (0.032/0.014 in)	0.82/0.35 mm (0.032/0.014 in)	0.82/0.35 mm (0.032/0.014 in)	0.82/0.35 mm (0.032/0.014 in)	0.82/0.35 mm (0.032/0.014 in)
ENGINE	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4	Deutz TCD3.6 L4
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 3	EU Stage IIIA, U.S. EPA Tier 3	EU Stage IIIB, U.S. EPA Tier 4i	EU Stage IIIB, U.S. EPA Tier 4i	EU Stage IV, U.S. EPA Tier 4f	EU Stage IV, U.S. EPA Tier 4f
ROAD CONSTRUCTION TECHNOLOGY	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}	ACE ^{force}



ARX 90 - Tier 4i



ARX 110 K - Tier 4i