

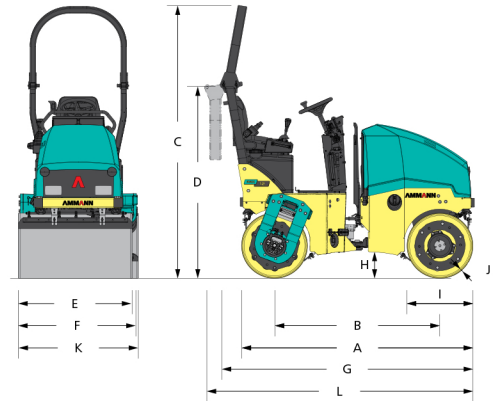
DIMENSIONS

LIGHT TANDEM VIBRATORY ROLLERS

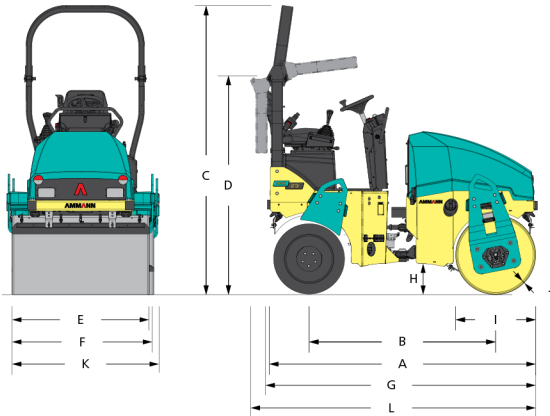
DIMENSIONS

900mm

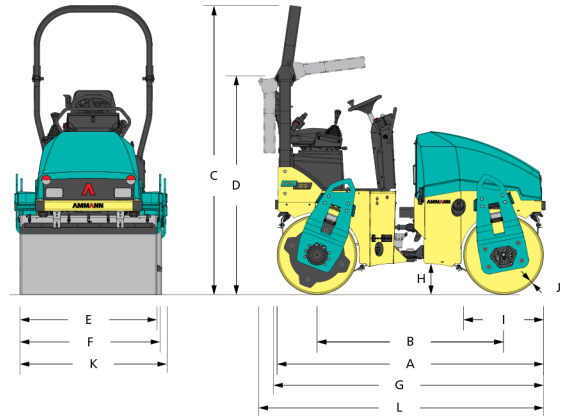
	ARX 12 – Tier 4i	ARX 16 – Tier 4i	ARX 16 K – Tier 4i	ARX 20 – Tier 4i	ARX 23 – Tier 4i	ARX 23 K – Tier 4i
A MACHINE LENGTH	2017 mm (79,4 in)	2017 mm (79,4 in)	2017 mm (79,4 in)	2017 mm (79,4 in)	2330 mm (91,7 in)	2330 mm (91,7 in)
B WHEELBASE	1440 mm (56,7 in)	1440 mm (56,7 in)	1475 mm (58,1 in)	1440 mm (56,7 in)	1630 mm (64,2 in)	1653 mm (65,1 in)
C MACHINE HEIGHT	2402 mm (94,6 in)	2402 mm (94,6 in)	2402 mm (94,6 in)	2402 mm (94,6 in)	2550 mm (100,4 in)	2550 mm (100,4 in)
D MACHINE HEIGHT (FOLDED ROPS)	1731 mm (68,1 in)	1731 mm (68,1 in)	1731 mm (68,1 in)	1731 mm (68,1 in)	1930 mm (76 in)	1930 mm (76 in)
E DRUM WIDTH	820 mm (32,3 in)	900 mm (35,4 in)	900 mm (35,4 in)	1000 mm (39,4 in)	995 mm (39,2 in)	995 mm (39,2 in)
E TIRE-AXLE WIDTH	–	–	890 mm (35 in)	–	–	970 mm (38,2 in)
F MACHINE WIDTH	865 mm (34,1 in)	947 mm (37,3 in)	947 mm (37,3 in)	1046 mm (41,2 in)	1042 mm (41 in)	1042 mm (41 in)
G MACHINE LENGTH	2222 mm (87,5 in)	2222 mm (87,5 in)	2222 mm (87,5 in)	2222 mm (87,5 in)	2369 mm (93,3 in)	2369 mm (93,3 in)
H GROUND CLEARANCE	228 mm (9 in)	228 mm (9 in)	228 mm (9 in)	228 mm (9 in)	275 mm (10,8 in)	275 mm (10,8 in)
I DRUM DIAMETER	577 mm (22,7 in)	577 mm (22,7 in)	577 mm (22,7 in)	577 mm (22,7 in)	700 mm (27,6 in)	700 mm (27,6 in)
J DRUM SHELL THICKNESS	13 mm (0,5 in)	13 mm (0,5 in)	13 mm (0,5 in)	13 mm (0,5 in)	13 mm (0,5 in)	13 mm (0,5 in)
K MACHINE WIDTH (TOTAL)	874 mm (34,4 in)	952 mm (37,5 in)	947 mm (37,3 in)	1054 mm (41,5 in)	1129 mm (44,4 in)	1089 mm (42,9 in)
L MACHINE LENGTH (FOLDED ROPS)	2327 mm (91,6 in)	2327 mm (91,6 in)	2327 mm (91,6 in)	2327 mm (91,6 in)	2506 mm (98,7 in)	2506 mm (98,7 in)



ARX 12 – Tier 4i



ARX 23 K – Tier 4i



ARX 23 – Tier 4i

SPECIFICATIONS

LIGHT TANDEM VIBRATORY ROLLERS

MACHINES

900mm

	ARX 12 – Tier 4i	ARX 16 – Tier 4i	ARX 16 K – Tier 4i	ARX 20 – Tier 4i	ARX 23 – Tier 4i	ARX 23 K – Tier 4i
--	------------------	------------------	--------------------	------------------	------------------	--------------------

MISCELLANEOUS

BATTERY / CAPACITY	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah
WATER TANK	110 l (29,1 gal)	110 l (29,1 gal)	110 l (29,1 gal)	110 l (29,1 gal)	200 l (52,8 gal)	200 l (52,8 gal)
HYDRAULIC TANK	16 l (4,2 gal)	16 l (4,2 gal)	16 l (4,2 gal)	16 l (4,2 gal)	16 l (4,2 gal)	16 l (4,2 gal)
DIESEL FUEL TANK	26 l (6,9 gal)	26 l (6,9 gal)	26 l (6,9 gal)	26 l (6,9 gal)	40 l (10,6 gal)	40 l (10,6 gal)
WHEEL LOAD	–	–	283 kg (623,9 lb)	–	–	251 kg (553,4 lb)
NUMBER OF WHEELS	–	–	4	–	–	4
TIRE SIZE	–	–	8/60-15	–	–	8/60-15

ENGINE

ENGINE TYPE	YANMAR 3TNV76	YANMAR 3TNV76	YANMAR 3TNV76	YANMAR 3TNV76	YANMAR 3TNV88	YANMAR 3TNV88
EMMISSION CLASS	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	EU Stage IIIA / EPA Tier 4i
POWER OUTPUT ISO 3046	15,0 kW / 20,4 HP	15,0 kW / 20,4 HP	15,0 kW / 20,4 HP	15,0 kW / 20,4 HP	22,5 kW / 30,6 HP	22,5 kW / 30,6 HP
CYLINDER/LTR.	3 cyl / 1116 No./ccm	3 cyl / 1116 No./ccm	3 cyl / 1116 No./ccm	3 cyl / 1116 No./ccm	3 cyl / 1642 No./ccm	3 cyl / 1642 No./ccm
1. /2. WORKING SPEED	2,100 / 2,400 rpm	2,100 / 2,400 rpm	2,100 / 2,400 rpm	2,100 / 2,400 rpm	2,100 / 2,400 rpm	2,100 / 2,400 rpm
TRAVEL SPEED KM/H	8 km/h (5 MPH)	8 km/h (5 MPH)	8 km/h (5 MPH)	8 km/h (5 MPH)	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)
GRADEABILITY WITH / WITHOUT VIBR.	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %

COMPACTION FORCES

AMPLITUDE	0,5 mm (0,02 in)	0,5 mm (0,02 in)	0,45 mm (0,02 in)	0,45 mm (0,02 in)	0,42 mm (0,02 in)	0,45 mm (0,02 in)
FREQUENCY AT 2100/2400 RPM	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)
CENTRIFUGAL FORCE	23 kN	23 kN	24 kN	24 kN	41 kN	41 kN

WEIGHT & DRIVING CHARACTERISTICS

OPERATING WEIGHT CECE	1475 kg (3251,8 lb)	1520 kg (3351 lb)	1570 kg (3461,3 lb)	1570 kg (3461,3 lb)	2250 kg (4960,4 lb)	2045 kg (4508,4 lb)
OPERATING WEIGHT MAX.	1700 kg (3747,9 lb)	1700 kg (3747,9 lb)	1700 kg (3747,9 lb)	1700 kg (3747,9 lb)	2550 kg (5621,8 lb)	2550 kg (5621,8 lb)
STATIC LINEAR LOAD (FULL-FLUSH)	9 kg/cm (19,8 lb)	8,4 kg/cm (18,5 lb)	7,9 kg/cm (17,4 lb)	7,9 kg/cm (17,4 lb)	11,3 kg/cm (24,9 lb)	11,3 kg/cm (24,9 lb)
TURNING RADIUS INSIDE	2165 mm (85,2 in)	2125 mm (83,7 in)	2075 mm (81,7 in)	2075 mm (81,7 in)	2350 mm (92,5 in)	2250 mm (88,6 in)
STEERING / OSCILLATING ANGLE	31/5 ±°	31/5 ±°	31/5 ±°	31/5 ±°	32/8 ±°	32/8 ±°
DRUM OFFSET	50 mm (1,97 in)	50 mm (1,97 in)	50 mm (1,97 in)	50 mm (1,97 in)	40 mm (1,57 in)	40 mm (1,57 in)

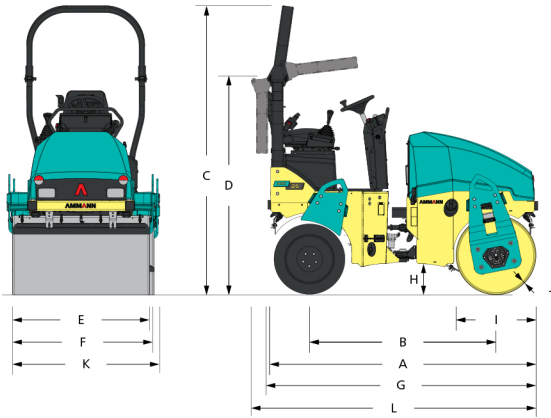
DIMENSIONS

LIGHT TANDEM VIBRATORY ROLLERS

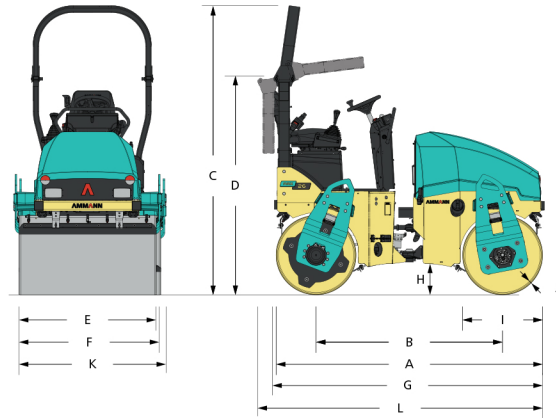
DIMENSIONS

1200mm

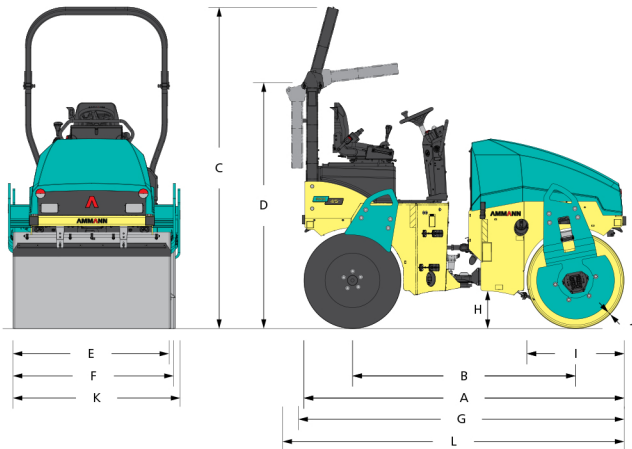
	ARX 26 – Tier 4i	ARX 26 K – Tier 4i	ARX 36 – Tier 4i	ARX 40 – Tier 4i	ARX 40 K – Tier 4i	ARX 45 – Tier 4i	ARX 45 K – Tier 4i
A MACHINE LENGTH	2330 mm (91,7 in)	2330 mm (91,7 in)	2800 mm (110,2 in)	2800 mm (110,2 in)	2800 mm (110,2 in)	2800 mm (110,2 in)	2800 mm (110,2 in)
B WHEELBASE	1630 mm (64,2 in)	1653 mm (65,1 in)	1950 mm (76,8 in)	1950 mm (76,8 in)	2008 mm (79,1 in)	1950 mm (76,8 in)	2008 mm (79,1 in)
C MACHINE HEIGHT	2550 mm (100,4 in)	2550 mm (100,4 in)	2826 mm (111,3 in)	2826 mm (111,3 in)	2826 mm (111,3 in)	2826 mm (111,3 in)	2826 mm (111,3 in)
D MACHINE HEIGHT (FOLDED ROPS)	1930 mm (76 in)	1930 mm (76 in)	2155 mm (84,8 in)	2155 mm (84,8 in)	2155 mm (84,8 in)	2155 mm (84,8 in)	2155 mm (84,8 in)
E DRUM WIDTH	1200 mm (47,2 in)	1200 mm (47,2 in)	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)
E TIRE-AXLE WIDTH	–	1170 mm (46,1 in)	–	–	1275 mm (50,2 in)	–	1275 mm (50,2 in)
F MACHINE WIDTH	1247 mm (49,1 in)	1247 mm (49,1 in)	1341 mm (52,8 in)	1341 mm (52,8 in)	1341 mm (52,8 in)	1421 mm (55,9 in)	1421 mm (55,9 in)
G MACHINE LENGTH	2369 mm (93,3 in)	2369 mm (93,3 in)	2837 mm (111,7 in)	2837 mm (111,7 in)	2837 mm (111,7 in)	2837 mm (111,7 in)	2837 mm (111,7 in)
H GROUND CLEARANCE	275 mm (10,8 in)	275 mm (10,8 in)	325 mm (12,8 in)	325 mm (12,8 in)	325 mm (12,8 in)	325 mm (12,8 in)	325 mm (12,8 in)
I DRUM DIAMETER	700 mm (27,6 in)	700 mm (27,6 in)	850 mm (33,5 in)	850 mm (33,5 in)	850 mm (33,5 in)	850 mm (33,5 in)	850 mm (33,5 in)
J DRUM SHELL THICKNESS	13 mm (0,5 in)	13 mm (0,5 in)	17 mm (0,7 in)	17 mm (0,7 in)	17 mm (0,7 in)	17 mm (0,7 in)	17 mm (0,7 in)
K MACHINE WIDTH (TOTAL)	1334 mm (52,5 in)	1294 mm (50,9 in)	1423 mm (56 in)	1423 mm (56 in)	1463 mm (57,6 in)	1503 mm (59,2 in)	1463 mm (57,6 in)
L MACHINE LENGTH (FOLDED ROPS)	2506 mm (98,7 in)	2506 mm (98,7 in)	2971 mm (117 in)	2971 mm (117 in)	2971 mm (117 in)	2971 mm (117 in)	2971 mm (117 in)



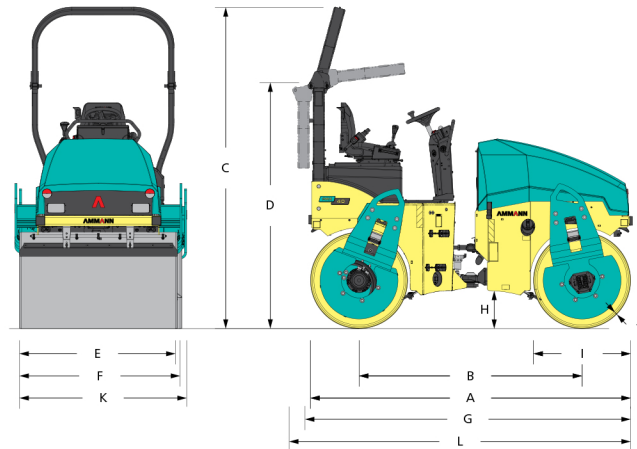
ARX 26 K – Tier 4i



ARX 26 – Tier 4i



ARX 45 K – Tier 4i



ARX 45 – Tier 4i

SPECIFICATIONS

LIGHT TANDEM VIBRATORY ROLLERS

MACHINES

1200mm

	ARX 26 – Tier 4i	ARX 26 K – Tier 4i	ARX 36 – Tier 4i	ARX 40 – Tier 4i	ARX 40 K – Tier 4i	ARX 45 – Tier 4i	ARX 45 K – Tier 4i
--	------------------	--------------------	------------------	------------------	--------------------	------------------	--------------------

MISCELLANEOUS

BATTERY / CAPACITY	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah	12/77 V/Ah
WATER TANK	200 l (52,8 gal)	200 l (52,8 gal)	350 l (92,5 gal)	350 l (92,5 gal)	350 l (92,5 gal)	350 l (92,5 gal)	350 l (92,5 gal)
HYDRAULIC TANK	16 l (4,2 gal)	16 l (4,2 gal)	37 l (9,8 gal)	37 l (9,8 gal)	37 l (9,8 gal)	37 l (9,8 gal)	37 l (9,8 gal)
DIESEL FUEL TANK	40 l (10,6 gal)	40 l (10,6 gal)	59 l (15,6 gal)	59 l (15,6 gal)	59 l (15,6 gal)	59 l (15,6 gal)	59 l (15,6 gal)
WHEEL LOAD	–	260 kg (573,2 lb)	–	–	512 kg (1128,8 lb)	–	541 kg (1192,7 lb)
NUMBER OF WHEELS	–	4	–	–	4	–	4
TIRE SIZE	–	8/60-15	–	–	10,5/80-16	–	10,5/80-16

ENGINE

ENGINE TYPE	YANMAR 3TNV88	YANMAR 3TNV88	YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV88
EMMISSION CLASS	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	EU Stage IIIA / EPA Tier 4i	EU Stage IIIA / EPA Tier 4i
POWER OUTPUT ISO 3046	22,5 kW / 30,6 HP	22,5 kW / 30,6 HP	30,0 kW / 40,8 HP	30,0 kW / 40,8 HP	30,0 kW / 40,8 HP	30,0 kW / 40,8 HP	30,0 kW / 40,8 HP
CYLINDER/LTR.	3 cyl / 1642 No./ccm	3 cyl / 1642 No./ccm	4 cyl / 2189 No./ccm	4 cyl / 2189 No./ccm	4 cyl / 2189 No./ccm	4 cyl / 2189 No./ccm	4 cyl / 2189 No./ccm
1. /2. WORKING SPEED	2,100 / 2,400 rpm	2,100 / 2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm
TRAVEL SPEED KM/H	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)	10 km/h (6,2 MPH)
GRADEABILITY WITH / WITHOUT VIBR.	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %	30 / 40 %

COMPACTION FORCES

AMPLITUDE	0,42 mm (0,02 in)	0,45 mm (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)	0,36/0,55 mm (0,01/0,02 in)
FREQUENCY AT 2100/2400 RPM	58/66 Hz (3480/3960 VPM)	58/66 Hz (3480/3960 VPM)	45/57 Hz (2700/3420VPM)	45/57 Hz (2700/3420VPM)	45/57 Hz (2700/3420VPM)	45/57 Hz (2700/3420VPM)	45/57 Hz (2700/3420VPM)
CENTRIFUGAL FORCE	47 kN	47 kN	50 kN	52 kN	52 kN	55 kN	55 kN

WEIGHT & DRIVING CHARACTERISTICS

OPERATING WEIGHT CECE	2460 kg (5423,4 lb)	2250 kg (4960,4 lb)	3725 kg (8212,2 lb)	4125 kg (9094,1 lb)	4055 kg (8939,7 lb)	4650 kg (10251,5 lb)	4325 kg (9535 lb)
OPERATING WEIGHT MAX.	2650 kg (5842,2 lb)	2650 kg (5842,2 lb)	4300 kg (9479,9 lb)	4700 kg (10361,7 lb)	4700 kg (10361,7 lb)	5100 kg (11243,6 lb)	5100 kg (11243,6 lb)
STATIC LINEAR LOAD (FULL-FLUSH)	10,3 kg/cm (22,7 lb)	10,3 kg/cm (22,7 lb)	14,3 kg/cm (31,5 lb)	15,8 kg/cm (34,8 lb)	15,8 kg/cm (34,8 lb)	16,8 kg/cm (37 lb)	16,8 kg/cm (37 lb)
TURNING RADIUS INSIDE	2250 mm (88,6 in)	2250 mm (88,6 in)	2581 mm (101,6 in)	2581 mm (101,6 in)	2581 mm (101,6 in)	2621 mm (103,2 in)	2621 mm (103,2 in)
STEERING / OSCILLATING ANGLE	32/8 ±°	32/8 ±°	32/8 ±°	32/8 ±°	32/8 ±°	32/8 ±°	32/8 ±°
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)	40 mm (1,57 in)	40 mm (1,57 in)