Ammann is a world-leading supplier of mixing plants, machines and services to the construction industry, with core expertise in road-building and transportation infrastructure. Our strengths are the forthcoming approach of a family firm that has been operating for many years, coupled with our strong and well-established international presence. Since 1869, we have been setting benchmarks in the road-building industry, thanks to countless innovations and solutions that are as competitive as they are dependable.

True to our motto, “Productivity Partnership for a Lifetime,” we gear our activities to the needs and requirements of our customers around the globe. We are aware that plants and machines that prove their merits day after day under tough operating conditions are the only way to give our customers the critical, competitive edge they need. As you would expect, we provide a well-developed service network and reliable supply of spare parts, together with support throughout the lifetimes of the plants and machines that we offer.
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Compaction is about reaching your goals in the fewest passes possible. Ammann soil and asphalt compactors provide that needed efficiency through industry-leading technology and an ability to direct more force toward the target and away from the machine. The result: quality results in fewer passes and a more productive and profitable jobsite.
ARX LIGHT TANDEM ROLLERS

ARX LINE 1

ARX 12  ARX 16  ARX 16C  ARX 16K  ARX 20

ARX LINE 2-2

ARX 23-2  ARX 23-2C  ARX 26-2  ARX 26-2C

ARX LINE 4-2

ARX 36-2  ARX 46-2  ARX 40-2C  ARX 45-2  ARX 45-2C

ART / AP PNEUMATIC TYRED ROLLERS

ART 240  AP 240  ART 280

ARX / AVX ARTICULATED TANDEM ROLLERS

ARX 90  ARX 90C  ARX 90K  ARX 91

ARX 110  ARX 110C  ARX 110K

ARP PIVOT-STEER TANDEM ROLLERS

ARP 95  ARP 95C
ARS / ASC SOIL COMPACTORS

It’s hard to know what the next job will bring: Clay, sand or something in between? Will it require traditional compacting methods or will you have to adjust amplitude and frequency because of sensitive surroundings? Either way you will need a roller that produces. Ammann Soil Compactors provide industry-leading compaction outputs – whatever the application. Your jobsite conditions might change, but you will always have a need for productivity and performance.

ARS SOIL COMPACTORS

**PRODUCTIVITY**
- High compaction output - faster compaction of thicker layers in fewer passes
- No-rear-axle concept – optimal stability and low center of gravity, which significantly improves safety on jobsites
- Variable range of vibration frequencies for added versatility
- ACEpro/AECEforce Intelligent Compaction tool for higher compaction efficiency

**ERGONOMICS**
- Spacious, quiet cab with integrated ROPS structure
- New multifunctional display for intuitive machine control and operation
- Excellent machine visibility with 360° view to machine edges and surroundings
- Innovative travel lever with speed adjustment and wider machine speed range (newly 5+1 speed instead of 3+1)

**SERVICEABILITY**
- All service points and engine compartment accessible from the ground
- Wide-opening rear hood for easy and fast daily maintenance
- Tiltable cab for exceptional access to main hydraulic components, which significantly reduces labour (excludes ARS 70)
- ECOdrop – machine efficiency and reductions in fuel consumption and required fluids

ASC SOIL COMPACTORS (incl. ARS 121 / 122)

**PRODUCTIVITY**
High compaction output
Faster compaction of thicker layers in fewer passes
No-rear-axle concept
Compact machine design for high stability, manoeuvrability and service access
Excellent gradeability
Exceptional traction in all conditions due to fully hydrostatic drive system

**ERGONOMICS**
Cab design
Spacious cab with low sound levels for all-day operator comfort
Simple and reliable dashboard
Intuitive machine control, even with an unskilled operator
Visibility
Optimal all-around machine visibility for safety on the jobsite

**SERVICEABILITY**
Tiltable cabin and engine hood
Best access to service points and engine compartment
Ground access to service and maintenance points
Easy and fast daily maintenance

ARMS SERIES
SOIL COMPACTORS

ARS 121 / 122
SOIL COMPACTORS

ASC SERIES
SOIL COMPACTORS
“Ammann Soil Compactors provide industry-leading compaction outputs regardless of the application.”
### SMOOTH DRUM

#### ARS 110
- **Operating Weight**: 10,860 kg (23,940 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 161 / 275 kN (35 969.4 / 61 822.5 lbf)
- **Frequency**: 31 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 2.06 / 0.88 mm (0.081 / 0.035 in)
- **Engine**: Deutz - TCD3.6 L4

#### ASC 110
- **Operating Weight**: 11,490 kg (25,330 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 160 / 275 kN (35 969.4 / 61 822.5 lbf)
- **Frequency**: 32 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 1.85 / 0.9 mm (0.073 / 0.035 in)
- **Engine**: Cummins - 4BTAA 3.9-C99 / or Equivalent

#### ASC 120
- **Operating Weight**: 11,500 kg (25,350 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 206 / 277 kN (46 310.6 / 62 272.1 lbf)
- **Frequency**: 32 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 1.65 / 0.9 mm (0.065 / 0.035 in)
- **Engine**: Cummins - 4BTAA 3.9-C99 / or Equivalent

#### ARS 130
- **Operating Weight**: 12,580 kg (27,730 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 230 / 300 kN (51 706.1 / 67 442.7 lbf)
- **Frequency**: 30 / 36 Hz (1800 / 2160 VPM)
- **Amplitude**: 1.9 / 1.05 mm (0.075 / 0.041 in)
- **Engine**: Deutz - TCD3.6 L4

#### ARS 70
- **Operating Weight**: 6490 kg (14,310 lb)
- **Working Width**: 1680 mm (66.1 in)
- **Centrifugal Force**: 73 / 135 kN (16 411.1 / 30 349.2 lbf)
- **Frequency**: 33 / 36 Hz (1980 / 2160 VPM)
- **Amplitude**: 1.65 / 0.7 mm (0.061 / 0.028 in)
- **Engine**: Kubota - V3307-CR-TE4

#### ASC 70
- **Operating Weight**: 7140 kg (15,740 lb)
- **Working Width**: 1680 mm (66.1 in)
- **Centrifugal Force**: 130 / 145 kN (29 225.2 / 32 597.3 lbf)
- **Frequency**: 30 / 41 Hz (1800 / 2460 VPM)
- **Amplitude**: 1.7 / 0.86 mm (0.067 / 0.034 in)
- **Engine**: Cummins - QS3.3-C99

#### ASC 100
- **Operating Weight**: 10,120 kg (22,310 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 160 / 275 kN (35 969.4 / 61 822.5 lbf)
- **Frequency**: 32 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 1.85 / 0.9 mm (0.073 / 0.035 in)
- **Engine**: Cummins - 4BTAA 3.9-C99 / or Equivalent

#### ASC 122
- **Operating Weight**: 11,110 kg (24,471 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 160 / 275 kN (35 969.4 / 61 822.5 lbf)
- **Frequency**: 32 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 1.85 / 0.9 mm (0.073 / 0.035 in)
- **Engine**: Cummins - 4BTAA 3.9-C99 / or Equivalent

#### ARS 130
- **Operating Weight**: 12,510 kg (27,730 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 161 / 297 kN (36 194.2 / 66 768.3 lbf)
- **Frequency**: 31 / 35 Hz (1980 / 2160 VPM)
- **Amplitude**: 2.06 / 0.88 mm (0.081 / 0.035 in)
- **Engine**: Deutz - TCD3.6 L4
<table>
<thead>
<tr>
<th>Model</th>
<th>ARS 150</th>
<th>ASC 150</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPERATING WEIGHT</strong></td>
<td>14 840 kg (32 720 lb)</td>
<td>14 580 kg (32 140 lb)</td>
</tr>
<tr>
<td><strong>WORKING WIDTH</strong></td>
<td>2130 mm (83.9 in)</td>
<td>2130 mm (83.9 in)</td>
</tr>
<tr>
<td><strong>CENTRIFUGAL FORCE</strong></td>
<td>224 / 338 kN (50 357.2 / 75 986.4 lbf)</td>
<td>237 / 325 kN (53 279.7 / 73 062.9 lbf)</td>
</tr>
<tr>
<td><strong>FREQUENCY</strong></td>
<td>29 / 35 Hz (1740 / 2100 VPM)</td>
<td>29 / 35 Hz (1740 / 2100 VPM)</td>
</tr>
<tr>
<td><strong>AMPLITUDE</strong></td>
<td>2.06 / 0.88 mm (0.081 / 0.035 in)</td>
<td>2 / 1 mm (0.079 / 0.039 in)</td>
</tr>
<tr>
<td><strong>ENGINE</strong></td>
<td>Deutz - TCD4.1 L4 Cummins - QSB4.5-C160 EU Stage V / US EPA Tier 4 Final</td>
<td>EU Stage III / US EPA Tier 3</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Model</th>
<th>ARS 170</th>
<th>ASC 170</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPERATING WEIGHT</strong></td>
<td>16 340 kg (36 020 lb)</td>
<td>16 270 kg (35 870 lb)</td>
</tr>
<tr>
<td><strong>WORKING WIDTH</strong></td>
<td>2130 mm (83.9 in)</td>
<td>2130 mm (83.9 in)</td>
</tr>
<tr>
<td><strong>CENTRIFUGAL FORCE</strong></td>
<td>222 / 333 kN (49 907.6 / 74 861.4 lbf)</td>
<td>260 / 335 kN (58 450.3 / 75 311 lbf)</td>
</tr>
<tr>
<td><strong>FREQUENCY</strong></td>
<td>28 / 35 Hz (1620 / 2040 VPM)</td>
<td>28 / 35 Hz (1620 / 2040 VPM)</td>
</tr>
<tr>
<td><strong>AMPLITUDE</strong></td>
<td>2.23 / 0.95 mm (0.087 / 0.039 in)</td>
<td>2.2 / 1.2 mm (0.087 / 0.047 in)</td>
</tr>
<tr>
<td><strong>ENGINE</strong></td>
<td>Deutz - TCD4.1 L4 Cummins - QSB4.5-C160 EU Stage V / US EPA Tier 4 Final</td>
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</tr>
</tbody>
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<thead>
<tr>
<th>Model</th>
<th>ARS 200</th>
<th>ARS 200</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPERATING WEIGHT</strong></td>
<td>19 750 kg (43 540 lb)</td>
<td>19 750 kg (43 540 lb)</td>
</tr>
<tr>
<td><strong>WORKING WIDTH</strong></td>
<td>2130 mm (83.9 in)</td>
<td>2130 mm (83.9 in)</td>
</tr>
<tr>
<td><strong>CENTRIFUGAL FORCE</strong></td>
<td>300 / 375 kN (67 442.7 / 84 303.4 lbf)</td>
<td>300 / 375 kN (67 442.7 / 84 303.4 lbf)</td>
</tr>
<tr>
<td><strong>FREQUENCY</strong></td>
<td>27 / 34 Hz (1620 / 2040 VPM)</td>
<td>27 / 34 Hz (1620 / 2040 VPM)</td>
</tr>
<tr>
<td><strong>AMPLITUDE</strong></td>
<td>2 / 1 mm (0.079 / 0.039 in)</td>
<td>2 / 1 mm (0.079 / 0.039 in)</td>
</tr>
<tr>
<td><strong>ENGINE</strong></td>
<td>Deutz - TCD6.1 L6 Deutz - TCD6.1 L6 EU Stage V / US EPA Tier 4 Final</td>
<td>EU Stage III / US EPA Tier 3</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>ARS 220</th>
<th>ARS 220</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPERATING WEIGHT</strong></td>
<td>21 930 kg (48 350 lb)</td>
<td>21 630 kg (47 690 lb)</td>
</tr>
<tr>
<td><strong>WORKING WIDTH</strong></td>
<td>2130 mm (83.9 in)</td>
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<td><strong>AMPLITUDE</strong></td>
<td>2 / 1 mm (0.079 / 0.039 in)</td>
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<tr>
<td><strong>ENGINE</strong></td>
<td>Deutz - TCD6.1 L6 Deutz - TCD6.1 L6 EU Stage V / US EPA Tier 4 Final</td>
<td>EU Stage III / US EPA Tier 3</td>
</tr>
</tbody>
</table>
### PADFOOT DRUM

#### ARS 70
- **Operating Weight**: 6910 kg (15 230 lb)
- **Working Width**: 1680 mm (66.1 in)
- **Centrifugal Force**: 73 / 135 kN (16 411.1 / 30 349.2 lbf)
- **Frequency**: 30 / 36 Hz (1860 / 2100 VPM)
- **Amplitude**: 1.65 / 0.71 mm (0.067 / 0.028 in)
- **Engine**: Deutz - TCD3.6 L4

#### ASC 70
- **Operating Weight**: 7090 kg (15 630 lb)
- **Working Width**: 1680 mm (66.1 in)
- **Centrifugal Force**: 130 / 145 kN (29 225.2 / 32 597.3 lbf)
- **Frequency**: 30 / 41 Hz (1800 / 2460 VPM)
- **Amplitude**: 1.7 / 0.86 mm (0.067 / 0.034 in)
- **Engine**: Cummins - QSB3.3-C99

#### ASC 100
- **Operating Weight**: 10 860 kg (23 940 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 160 / 275 kN (35 969.4 / 61 822.5 lbf)
- **Frequency**: 32 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 1.6 / 0.97 mm (0.063 / 0.038 in)
- **Engine**: Cummins - 4BTA3.9-C116

#### ARS 110
- **Operating Weight**: 11 485 kg (25 320 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 161 / 297 kN (36 194.2 / 66 768.3 lbf)
- **Frequency**: 31 / 35 Hz (1860 / 2100 VPM)
- **Amplitude**: 1.7 / 0.7 mm (0.067 / 0.028 in)
- **Engine**: Deutz - TCD3.6 L4

#### ASC 110
- **Operating Weight**: 12 100 kg (26 800 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 220 / 277 kN (49 458 / 62 272.1 lbf)
- **Frequency**: 31 / 35 Hz (1860 / 2100 VPM)
- **Amplitude**: 2 / 1.1 mm (0.079 / 0.043 in)
- **Engine**: Cummins - QS84.5-C160

#### ASC 120
- **Operating Weight**: 12 060 kg (26 060 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 206 / 277 kN (46 310.6 / 62 272.1 lbf)
- **Frequency**: 32 / 35 Hz (1920 / 2100 VPM)
- **Amplitude**: 1.55 / 0.9 mm (0.061 / 0.035 in)
- **Engine**: Cummins - 4BTA3.9-C116

#### ARS 130
- **Operating Weight**: 13 205 kg (29 110 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 161 / 297 kN (36 194.2 / 66 768.3 lbf)
- **Frequency**: 31 / 35 Hz (1860 / 2100 VPM)
- **Amplitude**: 1.7 / 0.7 mm (0.067 / 0.028 in)
- **Engine**: Deutz - TCD3.6 L4

#### ASC 130
- **Operating Weight**: 13 205 kg (29 110 lb)
- **Working Width**: 2130 mm (83.9 in)
- **Centrifugal Force**: 161 / 297 kN (36 194.2 / 66 768.3 lbf)
- **Frequency**: 31 / 35 Hz (1860 / 2100 VPM)
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<tr>
<th>Model</th>
<th>Operating Weight</th>
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<th>Frequency</th>
<th>Amplitude</th>
<th>Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARS 150</td>
<td>15,160 kg (33,420 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>224 / 338 kN (50,357.2 / 75,985.6 lbf)</td>
<td>29 / 35 Hz (1740 / 2100 VPM)</td>
<td>2.06 / 0.88 mm (0.081 / 0.035 in)</td>
<td>Deutz - TCD4.1 L4 Cummins - QSB4.5-C160</td>
</tr>
<tr>
<td>ASC 150</td>
<td>14,490 kg (31,940 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>237 / 326 kN (53,279.7 / 73,287.7 lbf)</td>
<td>29 / 35 Hz (1740 / 2100 VPM)</td>
<td>2 / 1 mm (0.079 / 0.039 in)</td>
<td>EU Stage V / US EPA Tier 4 Final</td>
</tr>
<tr>
<td>ARS 170</td>
<td>16,555 kg (36,500 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>222 / 333 kN (49,907.6 / 74,861.4 lbf)</td>
<td>28 / 35 Hz (1620 / 2040 VPM)</td>
<td>2.14 / 0.91 mm (0.084 / 0.036 in)</td>
<td>Deutz - TCD4.1 L4 Cummins - QSB4.5-C160</td>
</tr>
<tr>
<td>ASC 170</td>
<td>16,170 kg (35,650 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>260 / 335 kN (58,450.3 / 75,311 lbf)</td>
<td>28 / 35 Hz (1620 / 2040 VPM)</td>
<td>2.2 / 1.1 mm (0.087 / 0.043 in)</td>
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<tr>
<td>ARS 200</td>
<td>19,875 kg (43,820 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>300 / 375 kN (67,442.7 / 84,303.4 lbf)</td>
<td>27 / 34 Hz (1620 / 2040 VPM)</td>
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<td>Deutz - TCD6.1 L6</td>
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<tr>
<td>ARS 220</td>
<td>22,060 kg (48,630 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>300 / 375 kN (67,442.7 / 84,303.4 lbf)</td>
<td>27 / 34 Hz (1620 / 2040 VPM)</td>
<td>2 / 1 mm (0.079 / 0.039 in)</td>
<td>Deutz - TCD6.1 L6</td>
</tr>
<tr>
<td>ARS 220</td>
<td>21,760 kg (47,970 lb)</td>
<td>2130 mm (83.9 in)</td>
<td>300 / 375 kN (67,442.7 / 84,303.4 lbf)</td>
<td>27 / 34 Hz (1620 / 2040 VPM)</td>
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</tbody>
</table>
Customer input plays a crucial role in developing the features that are built into all Ammann products, including light tandem rollers. Those requests include an ability to quickly switch between in-line and off-set drum settings as jobsite conditions change. A smart compaction system and easy serviceability also fulfill customer needs.

APPLICATIONS
- Small and medium construction sites
- Jobsites with obstructions
- Road maintenance

PRODUCTIVITY
- Electronic drive lever for smooth starts and stops, especially important on asphalt jobs
- An adjustable steering joint, which enables quick changes between in-line and off-set drums (excludes ARX 1)
- 2-stage sprinkling filtration system with large water tanks for extended intervals between fillings
- ACEforce, the Intelligent Compaction tool for optimal efficiency (excludes ARX 1)

ERGONOMICS
- Spacious operator platform with sliding seat (excludes ARX 1)
- Simple and reliable dashboard with intuitive machine control, helping inexperienced operators succeed
- Optimal all-around machine visibility for safety on the jobsite

SERVICEABILITY
- Easy and fast daily maintenance
- Accessible service and maintenance points
- Maintenance-free parts

ARX SERIES 1
LIGHT TANDEM VIBRATORY ROLLERS

ARX SERIES 2-2
LIGHT TANDEM VIBRATORY ROLLERS

ARX SERIES 2-4
LIGHT TANDEM VIBRATORY ROLLERS
“Ammann Tandem Rollers provide operator comfort and easy adjustment of amplitude and frequency.”
<table>
<thead>
<tr>
<th>Model</th>
<th>Operating Weight</th>
<th>Working Width</th>
<th>Drum Offset</th>
<th>Centrifugal Force</th>
<th>Frequency</th>
<th>Amplitude</th>
<th>Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARX 12</td>
<td>1460 kg (3220 lb)</td>
<td>820 mm (32.3 in)</td>
<td>50 mm (1.97 in)</td>
<td>19 / 22 kN (4217.4 / 4945.8 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Yanmar - 3TNV80F-SPAMM</td>
</tr>
<tr>
<td>ARX 12</td>
<td>1475 kg (3251.8 lb)</td>
<td>820 mm (32.3 in)</td>
<td>50 mm (1.97 in)</td>
<td>23 kN (5170.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 mm (0.02 in)</td>
<td>Yanmar - 3TNV76</td>
</tr>
<tr>
<td>ARX 16</td>
<td>1520 kg (3350 lb)</td>
<td>900 mm (35.4 in)</td>
<td>50 mm (1.97 in)</td>
<td>20 / 23 kN (4496.2 / 5170.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Yanmar - 3TNV80F-SPAMM</td>
</tr>
<tr>
<td>ARX 16</td>
<td>1450 kg (3200 lb)</td>
<td>900 mm (35.4 in)</td>
<td>50 mm (1.97 in)</td>
<td>23 kN (5170.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 mm (0.02 in)</td>
<td>Yanmar - 3TNV76</td>
</tr>
<tr>
<td>ARX 16C</td>
<td>1460 kg (3218.7 lb)</td>
<td>900 mm (35.4 in)</td>
<td>50 mm (1.97 in)</td>
<td>20 / 23 kN (4496.2 / 5170.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Yanmar - 3TNV80F-SPAMM</td>
</tr>
<tr>
<td>ARX 16K</td>
<td>1570 kg (3461.3 lb)</td>
<td>900 mm (35.4 in)</td>
<td>50 mm (1.97 in)</td>
<td>23 kN (5170.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 mm (0.02 in)</td>
<td>Yanmar - 3TNV76</td>
</tr>
<tr>
<td>ARX 20</td>
<td>1550 kg (3420 lb)</td>
<td>1000 mm (39.4 in)</td>
<td>50 mm (1.97 in)</td>
<td>20 / 24 kN (4721 / 5395.4 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 mm (0.02 in)</td>
<td>Yanmar - 3TNV80F-SPAMM</td>
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<tr>
<td>ARX 20</td>
<td>1570 kg (3461.3 lb)</td>
<td>1000 mm (39.4 in)</td>
<td>50 mm (1.97 in)</td>
<td>24 kN (5395.4 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.45 mm (0.02 in)</td>
<td>Yanmar - 3TNV76</td>
</tr>
<tr>
<td>ARX 23-2</td>
<td>2230 kg (4920 lb)</td>
<td>1000 mm (39.4 in)</td>
<td>40 mm (1.57 in)</td>
<td>33.4 / 39.9 kN (7508.6 / 8969.9 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Kubota - D1803-CR-E4B</td>
</tr>
<tr>
<td>ARX 23-2</td>
<td>2230 kg (4920 lb)</td>
<td>1000 mm (39.4 in)</td>
<td>40 mm (1.57 in)</td>
<td>33.4 / 39.9 kN (7508.6 / 8969.9 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Kubota - D1803-CR-E4B</td>
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<tr>
<td>ARX 23-2C</td>
<td>2085 kg (4600 lb)</td>
<td>1000 mm (39.4 in)</td>
<td>40 mm (1.57 in)</td>
<td>33.4 / 39.9 kN (7508.6 / 8969.9 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Kubota - D1803-M-DI-E3B</td>
</tr>
<tr>
<td>ARX 23-2C</td>
<td>2230 kg (4920 lb)</td>
<td>1000 mm (39.4 in)</td>
<td>40 mm (1.57 in)</td>
<td>33.4 / 39.9 kN (7508.6 / 8969.9 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Kubota - D1803-M-DI-E3B</td>
</tr>
<tr>
<td>Model</td>
<td>Operating Weight</td>
<td>Working Width</td>
<td>Drum Offset</td>
<td>Centrifugal Force</td>
<td>Frequency</td>
<td>Amplitude</td>
<td>Engine</td>
</tr>
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<td>-----------</td>
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</tr>
<tr>
<td>ARX 26-2</td>
<td>2515 kg (5540 lb)</td>
<td>1200 mm (47.2 in)</td>
<td>40 mm (1.57 in)</td>
<td>38.8 / 46.5 kN (8722.6 / 10 453.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Kubota - D1803-CR-E4B</td>
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<tr>
<td>ARX 26-2C</td>
<td>2350 kg (5180 lb)</td>
<td>1200 mm (47.2 in)</td>
<td>–</td>
<td>38.8 / 46.5 kN (8722.6 / 10 453.6 lbf)</td>
<td>58 / 66 Hz (3480 / 3960 VPM)</td>
<td>0.5 / 0.5 mm (0.02 / 0.02 in)</td>
<td>Kubota D1803-CR-E4B</td>
</tr>
<tr>
<td>ARX 36-2</td>
<td>3760 kg (8290 lb)</td>
<td>1300 mm (51.2 in)</td>
<td>40 mm (1.57 in)</td>
<td>39.3 / 50.7 / 51.9 kN (8835 / 11 397.8 / 11 667.6 lbf)</td>
<td>41 / 55 Hz (2460 / 3300 VPM)</td>
<td>0.6 / 0.4 mm (0.024 / 0.016 in)</td>
<td>Kubota - D1803-CR-E4B</td>
</tr>
<tr>
<td>ARX 40-2</td>
<td>4160 kg (9170 lb)</td>
<td>1300 mm (51.2 in)</td>
<td>40 mm (1.57 in)</td>
<td>42.4 / 53.8 / 55 kN (9531.9 / 12 094.7 / 12 364.5 lbf)</td>
<td>41 / 55 Hz (2460 / 3300 VPM)</td>
<td>0.6 / 0.4 mm (0.024 / 0.016 in)</td>
<td>Kubota - D1803-CR-E4B</td>
</tr>
<tr>
<td>ARX 45-2</td>
<td>4690 kg (10 340 lb)</td>
<td>1380 mm (54.3 in)</td>
<td>40 mm (1.57 in)</td>
<td>45 / 56.4 / 57.6 kN (10 116.4 / 12 679.2 / 12 949 lbf)</td>
<td>41 / 55 Hz (2460 / 3300 VPM)</td>
<td>0.6 / 0.4 mm (0.024 / 0.016 in)</td>
<td>Kubota - D1803-CR-E4B</td>
</tr>
<tr>
<td>ARX 36-2</td>
<td>3760 kg (8290 lb)</td>
<td>1300 mm (51.2 in)</td>
<td>40 mm (1.57 in)</td>
<td>39.3 / 50.7 / 51.9 kN (8835 / 11 397.8 / 11 667.6 lbf)</td>
<td>41 / 55 Hz (2460 / 3300 VPM)</td>
<td>0.6 / 0.4 mm (0.024 / 0.016 in)</td>
<td>Kubota D1803-M-DE3B</td>
</tr>
<tr>
<td>ARX 40-2</td>
<td>4160 kg (9170 lb)</td>
<td>1300 mm (51.2 in)</td>
<td>40 mm (1.57 in)</td>
<td>42.4 / 53.8 / 55 kN (9531.9 / 12 094.7 / 12 364.5 lbf)</td>
<td>41 / 55 Hz (2460 / 3300 VPM)</td>
<td>0.6 / 0.4 mm (0.024 / 0.016 in)</td>
<td>Kubota V2403-M-EB</td>
</tr>
<tr>
<td>ARX 45-2</td>
<td>4690 kg (10 340 lb)</td>
<td>1380 mm (54.3 in)</td>
<td>40 mm (1.57 in)</td>
<td>45 / 56.4 / 57.6 kN (10 116.4 / 12 679.2 / 12 949 lbf)</td>
<td>41 / 55 Hz (2460 / 3300 VPM)</td>
<td>0.6 / 0.4 mm (0.024 / 0.016 in)</td>
<td>Kubota V2403-M-EB</td>
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</tbody>
</table>

*EU Stage V / US EPA Tier 4 Final, EU Stage IIIA / US EPA Tier 4 Interim*
**APPLICATIONS**
- Medium and large compaction sites
- Transport construction
- Municipal and town roads
- Motorways
- Airfields
- Housing developments
- Industrial zones
- City centres

**PRODUCTIVITY**
- Pivot steering with split drums for optimum manoeuvrability
- A standard differential lock for improved traction on difficult jobsites and easier machine loading
- Best-in-class working width (3070 mm/120.9 in)
- A variable range of vibration frequencies for added versatility
- ACEpro/ACEforce Intelligent Compaction tools to help eliminate unnecessary passes of the roller

**ERGONOMICS**
- A spacious cab with low sound levels and 270° rotating seat for all-day operator comfort
- A multifunctional display for intuitive machine control and operation, helping even inexperienced operators be safe and productive
- Optimum all-around machine visibility for comfort and safety

**SERVICEABILITY**
- A tiltable cab that provides easy access to service points and the engine compartment
- Large engine doors, accessible from the ground, to facilitate maintenance operations and minimise downtime
- ECODrop feature – machine efficiency and reductions in fuel consumption and required fluids

**ARP SERIES PIVOT-STEER TANDEM ROLLER**

<table>
<thead>
<tr>
<th></th>
<th>ARP 95</th>
<th>ARP 95C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>9700 kg (21 380 lb)</td>
<td>9250 kg (20 390 lb)</td>
</tr>
<tr>
<td>Width</td>
<td>1680 mm (66.1 in)</td>
<td>1680 mm (66.1 in)</td>
</tr>
<tr>
<td>Offset</td>
<td>1390 mm (54.7 in)</td>
<td>1355 mm (53.4 in)</td>
</tr>
<tr>
<td>Force</td>
<td>91 / 60 kN (20 457.6 / 13 488.5 lbf)</td>
<td>91 / 60 kN (20 457.6 / 13 488.5 lbf)</td>
</tr>
<tr>
<td>Frequency</td>
<td>42 / 52 Hz (2520 / 3120 VPM)</td>
<td>42 / 52 Hz (2520 / 3120 VPM)</td>
</tr>
<tr>
<td>Amplitude</td>
<td>0.65 / 0.28 mm (0.026 / 0.01 in)</td>
<td>0.65 / 0.28 mm (0.026 / 0.01 in)</td>
</tr>
<tr>
<td>Engine</td>
<td>Deutz - TCD3.6 L4 EU Stage V / US EPA Tier 4 Final</td>
<td>Deutz - TCD3.6 L4 EU Stage V / US EPA Tier 4 Final</td>
</tr>
</tbody>
</table>
“The compactor can pound out production on straightaway projects, thanks to its industry-leading compaction width of 3070 mm (120.9 in).”
Ammann Articulated Tandem Rollers provide features and benefits that ultimately lead to added value for owners. The machines deliver industry-leading compaction output, and do so efficiently, too.

**APPLICATIONS**
- Medium and large compaction sites
- Transport construction
- Municipal and town roads
- Motorways
- Airfields
- Housing developments
- Industrial zones
- City centres

**PRODUCTIVITY**
- Machine design
  - Compact machine design for high stability, maneuverability and access
- Articulation joint with oscillation
  - Increased surface coverage and quality, together with drum offset for higher coverage
- ACEforce
  - Intelligent Compaction tool
    - optimal efficiency

**ERGONOMICS**
- Cab design
  - Spacious cab with low noise levels and 170° rotating seat for operator comfort
- Multifunctional display
  - Multifunctional display integrated in steering wheel for best machine control and overview
- Visibility
  - Exceptional all-around machine visibility for higher safety on the jobsite

**SERVICEABILITY**
- Wide engine doors
  - Ideal access to service points
- Easy access to service points without additional tools
- Easy and fast daily maintenance

ARX & AVX ARTICULATED TANDEM ROLLERS

ARX SERIES ARTICULATED TANDEM ROLLERS

ARX 91 ARTICULATED TANDEM ROLLER

AVX SERIES ARTICULATED TANDEM ROLLERS
<table>
<thead>
<tr>
<th>Model</th>
<th>AV 70 X</th>
<th>AV 110 X</th>
<th>AV 130 X</th>
<th>ARX 91</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Weight</strong></td>
<td>7360 kg (16 230 lb)</td>
<td>10 400 kg (22 930 lb)</td>
<td>13 080 kg (28 840 lb)</td>
<td>9200 kg (20 282 lb)</td>
</tr>
<tr>
<td><strong>Working Width</strong></td>
<td>1450 mm (57.1 in)</td>
<td>1700 mm (67 in)</td>
<td>2100 mm (82.7 in)</td>
<td>1700 mm (67 in)</td>
</tr>
<tr>
<td><strong>Drum Offset</strong></td>
<td>180 mm (7.1 in)</td>
<td>160 mm (6.3 in)</td>
<td>160 mm (6.3 in)</td>
<td>–</td>
</tr>
<tr>
<td><strong>Centrifugal Force</strong></td>
<td>65 / 55 kN (16 612.6 / 12 364.5 lbf)</td>
<td>110 / 83 kN (24 729 / 18 659.1 lbf)</td>
<td>135 / 116 kN (30 349.2 / 26 077.8 lbf)</td>
<td>78 / 67 kN (17 535.1 / 15 062.2 lbf)</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>43 / 52 Hz (2580 / 3120 VPM)</td>
<td>45 / 55 Hz (2700 / 3300 VPM)</td>
<td>42 / 55 Hz (2520 / 3300 VPM)</td>
<td>42 / 55 Hz (2520 / 3300 VPM)</td>
</tr>
<tr>
<td><strong>Amplitude</strong></td>
<td>0.6 / 0.33 mm (0.024 / 0.013 in)</td>
<td>0.7 / 0.35 mm (0.028 / 0.014 in)</td>
<td>0.8 / 0.4 mm (0.031 / 0.016 in)</td>
<td>0.7 / 0.35 mm (0.028 / 0.014 in)</td>
</tr>
<tr>
<td><strong>Engine</strong></td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
<td>Bharat Stage III (equivalent to T3)</td>
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<thead>
<tr>
<th>Model</th>
<th>ARX 90</th>
<th>ARX 90C</th>
<th>ARX 90</th>
<th>ARX 90K</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Weight</strong></td>
<td>9560 kg (21 080 lb)</td>
<td>9410 kg (20 750 lb)</td>
<td>9470 kg (20 880 lb)</td>
<td>9320 kg (20 550 lb)</td>
</tr>
<tr>
<td><strong>Working Width</strong></td>
<td>1680 mm (66.1 in)</td>
<td>1680 mm (66.1 in)</td>
<td>1680 mm (66.1 in)</td>
<td>1680 mm (66.1 in)</td>
</tr>
<tr>
<td><strong>Drum Offset</strong></td>
<td>170 mm (6.7 in)</td>
<td>170 mm (6.7 in)</td>
<td>170 mm (6.7 in)</td>
<td>170 mm (6.7 in)</td>
</tr>
<tr>
<td><strong>Centrifugal Force</strong></td>
<td>84 / 68 kN (18 884 / 15 287 lbf)</td>
<td>84 / 68 kN (18 884 / 15 287 lbf)</td>
<td>84 / 68 kN (18 884 / 15 287 lbf)</td>
<td>84 / 68 kN (18 884 / 15 287 lbf)</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>42 / 54 Hz (2520 / 3240 VPM)</td>
<td>42 / 54 Hz (2520 / 3240 VPM)</td>
<td>42 / 54 Hz (2520 / 3240 VPM)</td>
<td>42 / 54 Hz (2520 / 3240 VPM)</td>
</tr>
<tr>
<td><strong>Amplitude</strong></td>
<td>0.7 / 0.34 mm (0.028 / 0.013 in)</td>
<td>0.7 / 0.34 mm (0.028 / 0.013 in)</td>
<td>0.7 / 0.34 mm (0.028 / 0.013 in)</td>
<td>0.7 / 0.34 mm (0.028 / 0.013 in)</td>
</tr>
<tr>
<td><strong>Engine</strong></td>
<td>Deutz - TCD3.6 L4 EU Stage IV / US EPA Tier 4f</td>
<td>Deutz - TCD3.6 L4 EU Stage IV / US EPA Tier 4f</td>
<td>Deutz - TCD3.6 L4 EU Stage IV / US EPA Tier 4f</td>
<td>Deutz - TCD3.6 L4 EU Stage IV / US EPA Tier 4f</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>ARX 110</th>
<th>ARX 110C</th>
<th>ARX 110</th>
<th>ARX 110K</th>
</tr>
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<tbody>
<tr>
<td><strong>Operating Weight</strong></td>
<td>10 400 kg (22 930 lb)</td>
<td>10 180 kg (22 400 lb)</td>
<td>10 310 kg (22 730 lb)</td>
<td>10 090 kg (22 240 lb)</td>
</tr>
<tr>
<td><strong>Working Width</strong></td>
<td>1680 mm (66.2 in)</td>
<td>1680 mm (66.2 in)</td>
<td>1680 mm (66.2 in)</td>
<td>1680 mm (66.2 in)</td>
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<tr>
<td><strong>Drum Offset</strong></td>
<td>170 mm (6.7 in)</td>
<td>170 mm (6.7 in)</td>
<td>170 mm (6.7 in)</td>
<td>170 mm (6.7 in)</td>
</tr>
<tr>
<td><strong>Centrifugal Force</strong></td>
<td>120 / 78 kN (26 977.1 / 17 535.1 lbf)</td>
<td>120 / 78 kN (26 977.1 / 17 535.1 lbf)</td>
<td>120 / 78 kN (26 977.1 / 17 535.1 lbf)</td>
<td>120 / 78 kN (26 977.1 / 17 535.1 lbf)</td>
</tr>
<tr>
<td><strong>Frequency</strong></td>
<td>42 / 52 Hz (2520 / 3120 VPM)</td>
<td>42 / 52 Hz (2520 / 3120 VPM)</td>
<td>42 / 52 Hz (2520 / 3120 VPM)</td>
<td>42 / 52 Hz (2520 / 3120 VPM)</td>
</tr>
<tr>
<td><strong>Amplitude</strong></td>
<td>0.82 / 0.35 mm (0.032 / 0.014 in)</td>
<td>0.82 / 0.35 mm (0.032 / 0.014 in)</td>
<td>0.82 / 0.35 mm (0.032 / 0.014 in)</td>
<td>0.82 / 0.35 mm (0.032 / 0.014 in)</td>
</tr>
<tr>
<td><strong>Engine</strong></td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
<td>Deutz - TCD3.6 L4 EU Stage IIIA / US EPA Tier 3</td>
</tr>
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</table>
AP & ART PNEUMATIC TYRED ROLLERS

Ammann Pneumatic Tyred Rollers provide the kneading and sealing effect that is so critical on jobsites. The tyred rollers perform on both asphalt and aggregates, which of course means the machines must be flexible. They certainly are, with air pressure adjustments made without the operator ever leaving the cab. Ballast packages easily can be added or removed to ensure the most efficient machine and process are provided.

APPLICATIONS
- Asphalt base layers
- Asphalt binder layers
- Asphalt wearing course
- Soil compaction sub-base
- Soil bases
- Stabilisation

PRODUCTIVITY
Ballasting system
Unique ballsting system bringing wide range of weight from 9 to 24 tons (ART 280 – 9 to 28 tons)

Air-On-Run
Central inflation system for easy control of tyre pressure

Front isostatic axles with oscillation
Higher traction and increased surface coverage and quality

ERGONOMICS
Cab design
Spacious cab with low noise levels for operator comfort (ART 280 – 170° rotating seat)

Simple and reliable dashboard
Intuitive machine control even with unskilled operator

Control & information display integrated into steering wheel (ART 280)
Multifunctional display for intuitive machine control and overview, even with unskilled operator

Visibility
Perfect all-around machine visibility for higher safety on the jobsite

SERVICEABILITY
Spacious service platforms

Maintenance free parts

Easy and fast daily maintenance

Ground access to service and maintenance points

ART SERIES
PNEUMATIC TYRED ROLLERS

AP SERIES
PNEUMATIC TYRED ROLLERS
### ART 240

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
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<tbody>
<tr>
<td>Operating Weight</td>
<td>9700 kg (21 380 lb)</td>
</tr>
<tr>
<td>Maximum Weight</td>
<td>24 000 kg (52 910 lb)</td>
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<tr>
<td>Working Width</td>
<td>1986 mm (78.2 in)</td>
</tr>
<tr>
<td>Number of Wheels</td>
<td>4+4</td>
</tr>
<tr>
<td>Size of Tyres</td>
<td>11 × 20&quot;</td>
</tr>
<tr>
<td>Engine</td>
<td>Deutz - TCD3.6</td>
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<tr>
<td>EPA</td>
<td>EU Stage IV</td>
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### AP 240

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Operating Weight</td>
<td>9590 kg (21 140 lb)</td>
</tr>
<tr>
<td>Maximum Weight</td>
<td>24 000 kg (52 910 lb)</td>
</tr>
<tr>
<td>Working Width</td>
<td>1986 mm (78.2 in)</td>
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<tr>
<td>Number of Wheels</td>
<td>4+4</td>
</tr>
<tr>
<td>Size of Tyres</td>
<td>11 × 20&quot;</td>
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<tr>
<td>Engine</td>
<td>Cummins - QSB 3.3-C99</td>
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<tr>
<td>EPA</td>
<td>EU Stage IIIA</td>
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### ART 280

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
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<tbody>
<tr>
<td>Operating Weight</td>
<td>9750 kg (21 500 lb)</td>
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<tr>
<td>Maximum Weight</td>
<td>28 000 kg (61 730 lb)</td>
</tr>
<tr>
<td>Working Width</td>
<td>2040 mm (80.3 in)</td>
</tr>
<tr>
<td>Number of Wheels</td>
<td>4+4</td>
</tr>
<tr>
<td>Size of Tyres</td>
<td>11 × 20&quot;</td>
</tr>
<tr>
<td>Engine</td>
<td>Deutz - TCD3.6</td>
</tr>
<tr>
<td>EPA</td>
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“Tyre widths and arrangements combine with ballasting options to make these rollers stand out.”
Precise, transparent and verifiable compaction processes increasingly are required on construction sites. Ammann took the first steps toward providing these processes in 1998 with the advent of Ammann Compaction Expert (ACE), an automated compaction measurement and control system.

ACE has been continually improved since its introduction and remains the industry leader. It is the only system that automatically adjusts amplitude and frequency based on ground characteristics.

GPS-BASED COMPACTION
ACEplus combines the ACE (Ammann Compaction Expert) measurement and control system with a GPS system. It provides an efficient analysis and documentation system for continuous compaction control (CCC).

The satellite navigation system accurately assigns the measured compaction values to the position coordinates and the time. The graphic display of measurement data relays the on-site compaction work and enables a fast and reliable performance analysis.

ACEplus therefore increases process reliability and integrates quality control measures in the work process.

GPS SUPPORT OF ACE SYSTEMS
Ready to take your soil and/or asphalt compaction technology to the next level? Combine GPS support with ACE systems and you’ll do exactly that.

GPS-based compaction uses a navigation system to measure and control your processes. A graphic display of measurement data relays the on-site compaction work and enables a fast and reliable performance analysis. The system is easy to use, too; it’s operated and controlled with a touch screen.

KEY FEATURES
• Open GPS system for all providers
• Precise and accurate GPS-based evaluation of compaction process
• More than 10 parameters under continuous control
• Available for all ACEpro and ACEforce systems
• Optional module for online monitoring of jobsite arrangement

THE BENEFITS OF ACE TECHNOLOGY ARE SIGNIFICANT
• It reduces the number of passes a roller makes and deliver savings on fuel, labor and machine wear.
• ACE helps ensure proper compaction is achieved and prevents costly rework, which in some cases can even require a return to the jobsite.
• It extends the life of the compacted material – and structures placed on top of it – by providing a homogenous surface without weak spots.
• ACE technology is available for both soil and asphalt applications.
**ACEpro**

- For use with single-drum and heavy asphalt rollers
- Provides compaction measurement, automatic control and a documentation system
- Precisely measures and evaluates material stiffness
- Continuously adjusts frequency and amplitude depending on compaction measurements
- Delivers the highest compaction efficiency by sending optimal force into the ground
- Eliminates drum jumping and therefore minimizes the risk of over-compaction or material destruction
- Includes ADS documentation software with office analyzing feature
- Can utilise all major manufacturers’ GPS products to provide mapping and operator guidance

**ACEforce**

- For use with single-drum rollers, light and heavy asphalt rollers and vibratory plates
- Provides measurement and documentation (Documentation not for plates)
- Precisely measures and evaluates material stiffness
- Operator guiding function shows compaction progress (not for Light tandem rollers and plates)
- Includes ADS documentation software with office analyzing feature
- Can utilise all major manufacturers’ GPS products to provide mapping and operator guidance
OSCILLATION
QUICKER COMPACTION AND COST SAVINGS

CONSTANT CONTACT
The oscillation drum has two eccentric shafts removed as far as possible from the main axis of the drum. Both rotate in the same direction and generate a rotational vibration, called oscillation. The motion enables the drums to maintain constant contact throughout compaction. This is a significant departure from vibratory compaction, in which the drums lose contact with the ground after each impact.

The more often the drum is in contact with the surface, the more compaction is occurring beneath it.

MASSAGING
Compaction is the process of moving materials more closely together. Traditional vibration tries to accomplish this through a harder pounding in a mostly vertical direction.

Oscillation delivers less force but uses both vertical and horizontal energy. Compaction occurs more quickly when forces are applied from different directions. Oscillation essentially massages the aggregates into place.

HOW WOULD YOUR BUSINESS BENEFIT FROM OSCILLATION?

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitive settings</td>
<td>Because oscillation does more massaging than it does pounding, it is often the method of choice on sensitive jobsites such as bridges, or when working over sewers or utility lines.</td>
</tr>
<tr>
<td>High temperatures</td>
<td>Oscillating rollers can work on hot mats. This widens the compaction window for crews and helps them quickly get to work on thin lifts, such as those placed on bridges.</td>
</tr>
<tr>
<td>Cool temperatures</td>
<td>The “softer” approach of oscillation prevents damage to cooler mats.</td>
</tr>
<tr>
<td>Joint work</td>
<td>Rollers with oscillation are great fits for sealing cold joints. The drum simultaneously can work on the hot and cold mats, so it delivers the best of both worlds. The massaging approach prevents damage to the cold mat but applies enough energy to compact the hot materials – and seal the joint, too.</td>
</tr>
<tr>
<td>Production</td>
<td>Oscillation doesn’t pound like a vibratory roller, but it ultimately delivers more force into the mat because it uses both vertical and horizontal energy. That increased force means quicker compaction and fewer passes. The constant contact with the surface helps too.</td>
</tr>
<tr>
<td>Operator friendly</td>
<td>Rollers with oscillation automatically adjust to compaction needs, removing some of the burden from operators. The longer compaction window also gives operators a margin of error as they keep pace with the paver and other rollers.</td>
</tr>
<tr>
<td>Smoothness</td>
<td>Vibrating drums can leave “chatter” behind; oscillating rollers do not.</td>
</tr>
<tr>
<td>Cost savings</td>
<td>Reducing the number of passes saves on labor, machine wear and fuel. It also helps keeps jobs on track – and customers happy.</td>
</tr>
</tbody>
</table>

“Oscillation is a dynamic compaction method that has significant advantages over traditional vibratory compaction.”
TECHNICAL VIEW

- High quality, hardened steel enables long life
- Shaft deflection extends bearing service life
- Large grease reservoir makes bearings maintenance-free for life of roller
- Precise belt tension lengthens service life
- High efficiency design generates less heat and consumes a third less energy than traditional vibratory rollers
- All oscillation parts are maintenance-free
- Life for all parts exceeds 7000 hours
- Eccentric movements create higher drive efficiency

MANY TECHNOLOGIES FROM A SINGLE SOURCE

Every jobsite has especial requirements, and only Ammann offers many different technologies.

- Ammann Compaction Expert (ACE), circular exciter with automatic controlled variable amplitude and frequency
- Circular exciter with 2 amplitudes/frequencies
- Oscillation
- High-frequency technology
- Split drum / unsplit drum
- Combination axle with 4 smooth tyres
SERVICE
A NETWORK TO SUPPORT YOU

No matter where you are, Ammann-trained technicians and parts are nearby. Ammann dealers provide well-trained service technicians who can help you, whether it’s an emergency or time for preventive maintenance. The vast Ammann network ensures there is a nearby technician who understands your language and your technical needs. Parts availability and ease of ordering are always Ammann priorities.

HOTLINE SUPPORT
Ammann experts are ready to answer your technical questions 24 hours a day, seven days a week. The hotline team is highly trained and experienced. Representatives can talk you through the challenges – in various languages – to help keep your machine productive.

SERVICE APP
The service app for Ammann machines impresses machine operators who are already benefiting from the advantages of the free application. The easy-to-use app provides machine operators working on site quick and uncomplicated access to machine documentation.

SERVICE VIDEOS
Sometimes a video tells the story best. That’s why you’ll find a variety of service videos that walk you through service and maintenance processes.

QR CODE
Many maintenance kits feature QR codes that link to videos with helpful demonstrations that walk you or your technician through the process. The videos tell the story without dialogue so customers anywhere in the world can understand.
Manage your equipment – anytime, anywhere – with Ammann ServiceLink. This comprehensive fleet system provides key data for light compaction equipment, heavy compaction machines and asphalt pavers. You can choose which machines to track.

**HIGHLIGHTS**

- Easy to manage
- Light equipment does not require a machine battery
- Great for rental fleets
- GPS tracking for location, efficiency and productivity information for a jobsite
- Full machine telematics to assess machine usage, fuel burn and idle time
- Machine documentation to help analyse and improve processes
- Easy management of service intervals and maintenance planning

- Ammann ServiceLink utilises telematics that give you the locations of the machines, hours of usage and other essential information. You’ll have access to data that will keep your machines running – and make them more productive, too.
- Ammann ServiceLink makes it easy to plan and schedule the maintenance that protects your fleet.
If Ammann machine training was summarised in a single word, it might well be “comprehensive.” The training includes multiple expertise levels and modules to benefit all skill levels.

TRAINING WORLDWIDE
Ammann product and application experts are ready to provide the training you need, no matter where you are. The global nature of Ammann ensures an expert is always near you – ready to offer instruction that ranges from the basics to the specifics relevant to your geographic area. The training can take place at an Ammann facility, your business – or even on a jobsite.

KEY TEACHING THEMES CONNECT ALL EFFORTS, NO MATTER WHERE THEY OCCUR

A good balance. Training often combines a traditional classroom setting with hands-on machine experience. Ammann application experts also can offer instruction on your jobsite. Training typically includes students from other industry businesses. Participants say conversations with their peers – and learning how they overcome challenges – are other key benefits.

Learn in your language. Lessons are taught in many languages, ensuring your team understands key terms and lessons and makes the most of your training investment.
SPARE PARTS

You can only earn money when your equipment is working. That’s why Ammann does everything possible to ensure you have the parts where and when you need them. Those efforts include easy online ordering to avoid confusion and enable tracking, and efficient logistics and availability to help parts reach you quickly.

WEARING KITS

Some machines handle abrasive materials in demanding applications. While wear is inevitable, downtime can be limited. Wearing kits make replacement of these parts efficient and cost-effective. All the necessary parts – big and small – are in a single box to keep you organised and efficient and to ensure the machines are quickly back up and running.

EMERGENCY KITS

Emergency kits prevent little frustrations from becoming bigger issues that can shut down a machine and even a jobsite. These kits include parts such as switches, fuses and valve coils that are simple and fast to change yet still can cause significant problems if not operating properly. The kits easily fit in the trunk or bed of a vehicle so they’re on hand when needed. A crew-member with a bit of technical knowledge can handle this work on the jobsite. These repairs take 2 hours or less.

MAINTENANCE KITS

Preventive maintenance is crucial to efficient operation and service life of machines. The easier the maintenance, the more likely it is to be completed. Maintenance kits make the upkeep simple. Parts associated with a particular maintenance process are in a single box with a single part number.

BROCHURE WITH ALL KITS

We have a prospect with all kits, and their part numbers are available for you. Just contact your parts consultant and have a digital or hardcopy sent to you.