

# APA 55/46 APA 55/56 APA 55/64

## ADD-ON COMPACTOR

### READY TO OPERATE NOW

The APA 55/46, APA 55/56 and APA 55/64 series is ideal for work with excavators above 4- to 12- tonnes. Their efficient size makes these compactors exceptionally versatile. The Add-On Compactors can be installed quickly with commonly used fast-change systems.

The APA 55/64 is an excellent choice for urban sites thanks to its enlarged 640 mm (25.2 in) base plate.

### PATENTED VIBRATION LIMITATION

- High-resistance rubber shock absorbers cushion vibrations to protect the excavator and operator

### TWIN-SHAFT EXCITER

- High frequency and low amplitude to protect adjacent buildings
- Maintenance-free

### SAFETY

- For work on steep inclines where compaction with a vibratory plate is not safe
- Trench compaction from a safe distance

### THE MACHINE THAT MATCHES

- The Add-On Compactor is compatible with all commonly used fast change systems
- With the matching fast change system, the Add-On Compactor is connected and ready to operate within a few seconds
- Mechanical and hydraulic rotators are available

### RUGGED DESIGN

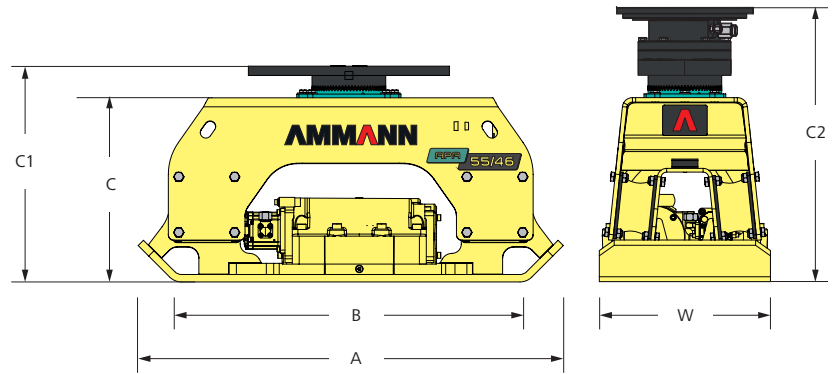
- The housing protects the central exciter unit
- Bearing bushings protect the housing against vibrations and prevent direct contact by metal surfaces under high pressure

### APPLICATIONS

- Add-On Compactor for excavators in the 4- to 12-tonne class
- Pipeline and canal construction
- Slope and hillside compaction
- Confined work spaces, manhole compaction
- Structure backfill work
- Landfill
- Track construction

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TECHNICAL SPECIFICATIONS  
 APA 55/46, 55/56, 55/64 ADD-ON COMPACTORS



## WEIGHT & DIMENSIONS

|                          | APA 55/46                   | APA 55/56                   | APA 55/64                   |
|--------------------------|-----------------------------|-----------------------------|-----------------------------|
| MACHINE WEIGHT           | 370 kg (816 lb)             | 385 kg (849 lb)             | 400 kg (882 lb)             |
| MACHINE WEIGHT (MECH.)   | 395 kg (871 lb)             | 410 kg (904 lb)             | 425 kg (937 lb)             |
| MACHINE WEIGHT (HYD.)    | 440 kg (970 lb)             | 455 kg (1003 lb)            | 470 kg (1036 lb)            |
| A LENGTH                 | 1142 mm (45 in)             | 1142 mm (45 in)             | 1142 mm (45 in)             |
| B BASE PLATE LENGTH      | 947 mm (37.3 in)            | 947 mm (37.3 in)            | 947 mm (37.3 in)            |
| C HEIGHT                 | 495 mm (19.5 in)            | 495 mm (19.5 in)            | 495 mm (19.5 in)            |
| C1 HEIGHT (MECH.)        | 580 mm (22.8 in)            | 580 mm (22.8 in)            | 580 mm (22.8 in)            |
| C2 HEIGHT (HYD.)         | 735 mm (28.9 in)            | 735 mm (28.9 in)            | 735 mm (28.9 in)            |
| W WIDTH                  | 460 mm (18.1 in)            | 560 mm (22 in)              | 640 mm (25.2 in)            |
| DIAMETER                 | 1205 mm (47.4 in)           | 1205 mm (47.4 in)           | 1205 mm (47.4 in)           |
| RECOMMENDED CARRIER SIZE | 4 - 12 t (8818 - 26 455 lb) | 4 - 12 t (8818 - 26 455 lb) | 4 - 12 t (8818 - 26 455 lb) |

## COMPACTION FORCES

|                          |                                   |                                 |                                  |
|--------------------------|-----------------------------------|---------------------------------|----------------------------------|
| MAX. VIBRATION FREQUENCY | 45 Hz (2700 VPM)                  | 45 Hz (2700 VPM)                | 60 Hz (3600 VPM)                 |
| MAX. CENTRIFUGAL FORCE   | 55 kN (12 364 lbf)                | 55 kN (12 364 lbf)              | 55 kN (12 364 lbf)               |
| SPEC. SURFACE PRESSURE   | 12.6 N/cm <sup>2</sup> (18.3 psi) | 10.4 N/cm <sup>2</sup> (15 psi) | 9.1 N/cm <sup>2</sup> (13.2 psi) |

## MISCELLANEOUS

|                             |                                      |                                      |                                       |
|-----------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| HYDRAULIC CONNECTIONS       | Forward - Return                     | Forward - Return                     | Forward - Return                      |
| REQUIRED HYDRAULIC PRESSURE | 150 bar (2175.6 psi)                 | 150 bar (2175.6 psi)                 | 150 bar (2175.6 psi)                  |
| REQUIRED VOLUME FLOW        | 80 l/min (4882 in <sup>3</sup> /min) | 80 l/min (4882 in <sup>3</sup> /min) | 110 l/min (6712 in <sup>3</sup> /min) |
| MAX. RETURN PRESSURE        | 30 bar (435.1 psi)                   | 30 bar (435.1 psi)                   | 30 bar (435.1 psi)                    |

### STANDARD EQUIPMENT

- Twin-shaft exciter with high frequency and low amplitude
- Rubber cushions protect the excavator against vibrations
- Universal adapter plate for fast changes

### OPTIONAL EQUIPMENT

- Version with mechanical rotator
- Version with hydraulic rotator

For additional product informations and services please visit:  
[www.ammann.com](http://www.ammann.com)

Materials and specification data are subject to change without notice.  
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