

A photograph of the Ammann APA 75/74 2M Add-On Compactor, a yellow hydraulic compaction tool, mounted on the arm of an excavator. The machine is positioned over a dirt surface, with a wooden building and trees in the background. The image is partially overlaid with a teal gradient.

APA 75/74 2M

ADD-ON COMPACTOR

2 OPERATING MODES FOR MAXIMUM FLEXIBILITY

The APA 75/74 2M offers users a choice between two operating modes. This allows a wide range of applications on open terrain as well as on urban construction sites.

This Add-On Compactor features a hydraulic 360° rotating motor and is suitable for excavators in the 12- to 40-tonne class.

2M = 2 MODES

- High amplitude with high compaction performance: for use in substructure work
- Low amplitude: used for sensitive areas such as trench filling or compaction work over pipelines

AMMANN ACE FOR MAXIMUM EFFICIENCY

- Intelligent compaction ACE is available for the large Add-On compactors, boosting your productivity with every shift.

PATENTED VIBRATION LIMITATION

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

THE MACHINE THAT MATCHES

- The Add-On Compactor is compatible with all commonly used adapters
- With the Ammann fast change system, this Add-On Compactor is connected up and ready to operate within a few seconds
- Available with a hydraulic rotator

SAFETY

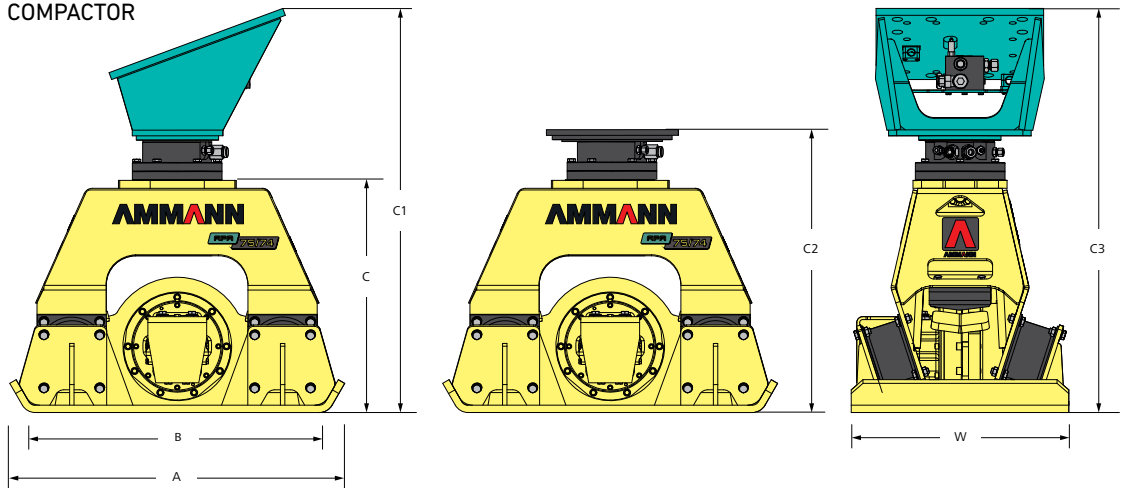
- For work on steep inclines where compaction with a vibratory plate is not safe
- Trench compaction from a safe distance

APPLICATIONS

- Add-On Compactor for excavators up to 40-tonnes
- Pipeline construction
- Development areas
- Slope and hillside compaction
- Confined work spaces
- Shaft compaction
- Structure backfill work
- Landfill
- Track construction

AMMANN

TECHNICAL SPECIFICATIONS
APA 75/74 2M ADD-ON COMPACTOR



WEIGHT & DIMENSIONS

| APA 75/74 2M | |
|--------------------------|-----------------------|
| MACHINE WEIGHT | 670 kg (1477 lb) |
| MACHINE WEIGHT (MECH.) | 850 kg (1874 lb) |
| MACHINE WEIGHT (HYD.) | 930 kg (2050 lb) |
| A LENGTH | 1142 mm (45 in) |
| B BASE PLATE LENGTH | 1027 mm (40.4 in) |
| C HEIGHT | 652 mm (25.7 in) |
| C1 HEIGHT (MECH.) | 1200 mm (47.2 in) |
| C2 HEIGHT (HYD.) | 910 mm (35.8 in) |
| C3 HEIGHT (HYD+UNIV.) | 1380 mm (54.3 in) |
| W WIDTH | 740 mm (29.1 in) |
| DIAMETER | 1320 mm (52 in) |
| RECOMMENDED CARRIER SIZE | 12 000 kg (26 455 lb) |

COMPACTION FORCES

| | |
|-------------------------------|----------------------------------|
| MAX. VIBRATION FREQUENCY | 36 Hz (2160 VPM) |
| MAX. CENTRIFUGAL FORCE | 75 kN (26 861 lbf) |
| MAX. VIBRATION FREQUENCY (2M) | 55 Hz (3300 VPM) |
| MAX. CENTRIFUGAL FORCE (2M) | 40 kN (8992 lbf) |
| SPEC. SURFACE PRESSURE | 9,9 N/cm ² (14.3 psi) |

STANDARD EQUIPMENT

- 2 operating modes
- Version with mechanical rotator
- Twin-shaft exciter with high frequency and low amplitude
- Rubber cushions protect the excavator against vibrations
- Universal adapter plate for fast changes

MISCELLANEOUS

| | |
|-----------------------------|---------------------------------------|
| HYDRAULIC CONNECTIONS | Turn - Forward - Return - Leak - Turn |
| REQUIRED HYDRAULIC PRESSURE | 250 bar (3625.9 psi) |
| REQUIRED VOLUME FLOW | 150 l/min (9153 in ³ /min) |
| MAX. RETURN PRESSURE | 10 bar (145 psi) |

OPTIONS

| | |
|-------------|---|
| ACE | x |
| EXTENSION | - |
| PILE DRIVER | - |



OPTIONAL EQUIPMENT

- Version with hydraulic rotator
- Alternative connections for Krupp hole pattern
- Hydraulic connections for Likufix fast-change system
- Hydraulic connections for OilQuick fast change system
- Adapter plate to fit an OilQuick fast change system
- ACE Assistant