

MACHINES

APF VIBRATORY PLATES

APF SERIES FORWARD MOVING
VIBRATORY PLATES



AMMANN

“Ammann has the ideal machine for every purpose thanks to a wide range of models.”



THE RIGHT FIT ON YOUR JOBSITE

AMMANN APF FORWARD MOVING VIBRATORY PLATES

The APF series models are Ammann's lightest vibratory plates. Their weights range from 54 to 110 kilograms, and their sizes vary to ensure that the right machine is available for every purpose and area of use.



APF 1033

WEIGHT: 54 kg
MAX. VIBRATING FREQUENCY: 100 Hz
MAX. CENTRIFUGAL FORCE: 10.5 kN



APF 1240 PETROL

WEIGHT: 69 kg
MAX. VIBRATING FREQUENCY: 98 Hz
MAX. CENTRIFUGAL FORCE: 12 kN



APF 1240 DIESEL

WEIGHT: 85 kg
MAX. VIBRATING FREQUENCY: 98 Hz
MAX. CENTRIFUGAL FORCE: 12 kN



APF 1250

WEIGHT: 72 kg
MAX. VIBRATING FREQUENCY: 98 Hz
MAX. CENTRIFUGAL FORCE: 12 kN



APF 1850 PETROL

WEIGHT: 95 kg
MAX. VIBRATING FREQUENCY: 85 Hz
MAX. CENTRIFUGAL FORCE: 18 kN



APF 1850 DIESEL

WEIGHT: 110 kg
MAX. VIBRATING FREQUENCY: 85 Hz
MAX. CENTRIFUGAL FORCE: 18 kN

YOUR BENEFITS AT A GLANCE

WHAT CHARACTERISES THE FORWARD
MOVING VIBRATORY PLATES FROM AMMANN?



EFFICIENCY

Wear-resistant base plate

Longer service life of the machine

Fast machine with good compaction output

Enables productive operation

Hoop guard and V belt cover

Better protection of machine components

Optional Vulkollan mat

For careful work on paving blocks

ERGONOMICS

Low-vibration guide handle

Low HAV values protect the machine operator

Optional transport wheels

Easy to transport the machine from one site
to the next

SERVICEABILITY

Simplified maintenance work

Daily maintenance work does not require special tools

Robust and simple design

Enables quick access to all parts



TECHNICAL SOLUTIONS FOR YOUR JOBSITE

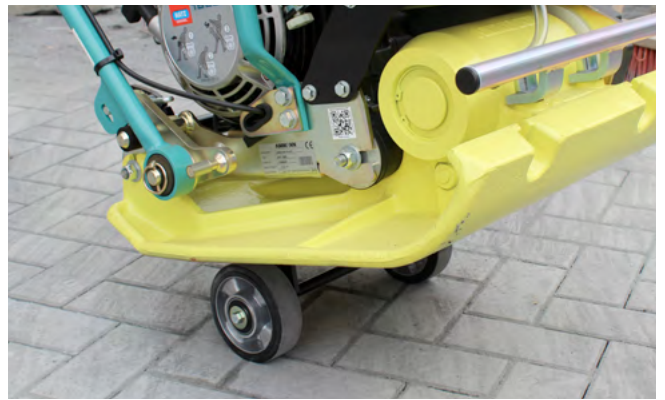
ADAPTABLE TO YOUR NEEDS

Quality and productivity are prerequisites for good construction machines. Ammann machines offer both and stand out through ease of operation. Numerous options guarantee every customer has the ideal machine for his area of use.



WATER SPRINKLING SYSTEM

Generously dimensioned water tanks and corrosion-free sprinkler pipes enable work on fresh asphalt and extend the area of use of your APF vibratory plate.



PERMANENTLY INSTALLED TRANSPORT SYSTEM

Optionally available transport wheels are permanently attached to the APF vibratory plate and can be dropped beneath the base plate to transport the machine. The transport wheels are thus out of the way of the machine and the operator during work.



HAV-OPTIMISED GUIDE HANDLE

In addition to the low-vibration guide handles available as standard for APF vibratory plates, Ammann also offers a guide handle that reduces hand-arm vibration values for the operator further still.



VULKOLLAN MAT

Vulkollan mats are available for paving work; they are screwed onto the base plate to protect the paving blocks.

APF 1033

FORWARD MOVING VIBRATORY PLATE

SUPERIOR MOBILITY AND PERFORMANCE

The APF 1033 is the lightest and smallest vibratory plate from Ammann. Its compact size makes it ideally suited to small jobsites and confined areas.

This forward moving vibratory plate compactor is often used by landscape contractors to reach hard-to-access spots. The APF 1033 is also popular with home-owners because of its manageable size.

The standard, low-vibration guide handle improves operator comfort. When the work is done, the compactor is small enough to fit in the boot of a car.



HIGHLIGHTS

- Well-protected, robust centrifugal clutch with wear-resistant V belt
- Maintenance-friendly exciter with a long life-span
- Powerful petrol engine
- Wear-resistant, self-cleaning base plate
- Water sprinkler system for work on bituminous surfaces



APF 1240

FORWARD MOVING VIBRATORY PLATE

VERSATILE IN USE AND DRIVE OPTIONS

The choice of engine and fuel source is yours with the APF 1240. The compactor is available with a petrol engine from Subaru or Honda – or with a Yanmar engine for those who prefer diesel.

The machine works reliably in many areas of application and is generally used for smaller soil and asphalt jobs. A 10-litre water tank, large for this particular machine class, is an option appreciated by many contractors.



HIGHLIGHTS

- Operator-friendly compactor with a low-vibration guide handle
- Well-protected, robust centrifugal clutch with wear-resistant V belt
- Maintenance-friendly exciter with a long life-span
- Robust protective frame with central single-point suspension
- Powerful petrol or diesel engine
- Wear-resistant, self-cleaning base plate
- Options include a guide handle with especially low HAV values, permanently installed transport wheels, a water sprinkler system for working on bituminous surfaces and a Vulkollan plate for working on paving blocks



APF 1250

FORWARD MOVING VIBRATORY PLATE

THE IDEAL PLATE FOR ASPHALT WORK

The base plate on this compactor is specifically shaped for bituminous surfaces and is ideal for patchwork on asphalt. The optionally available water sprinkler system with a 10-litre tank and sprinkler pipe makes the APF 1250 the ideal machine for patchwork on asphalt. The machine's high productivity, especially on asphalt, is increased further still by the 10-litre water tank as fewer stops are required. Its design also produces outstanding compaction results on loose substrates.

Like all of the forward moving vibratory plates, the APF 1250 features a guide handle that improves operator control and reduces operator fatigue through low HAV values.



HIGHLIGHTS

- Operator-friendly compactor with a low-vibration guide handle
- Well-protected, robust centrifugal clutch with wear-resistant V belt
- Maintenance-friendly exciter with a long life-span
- Robust protective frame with central single-point suspension
- Powerful and reliable engine
- Wear-resistant, self-cleaning base plate
- Options include a guide handle with especially low HAV values, permanently installed transport wheels, a water sprinkler system for working on bituminous surfaces and a Vulkollan plate for working on paving blocks



APF 1850

FORWARD MOVING VIBRATORY PLATE

ONE PLATE FOR EVERY APPLICATION

The APF 1850 is the “all-rounder” among the forward moving vibratory plates from Ammann. Its size combined with a powerful Honda or Hatz engine produces outstanding compaction results on any substrate, be it gravel, asphalt or any other surface. An optionally available Vulkollan mat and water sprinkler system for asphalt work extend the range of applications for the APF 1850 further still.

The continuously adjustable vibration supports compaction on different substrates. The machine’s dimensions and simple handling make the compactor extremely agile and easy to use regardless of the task at hand.

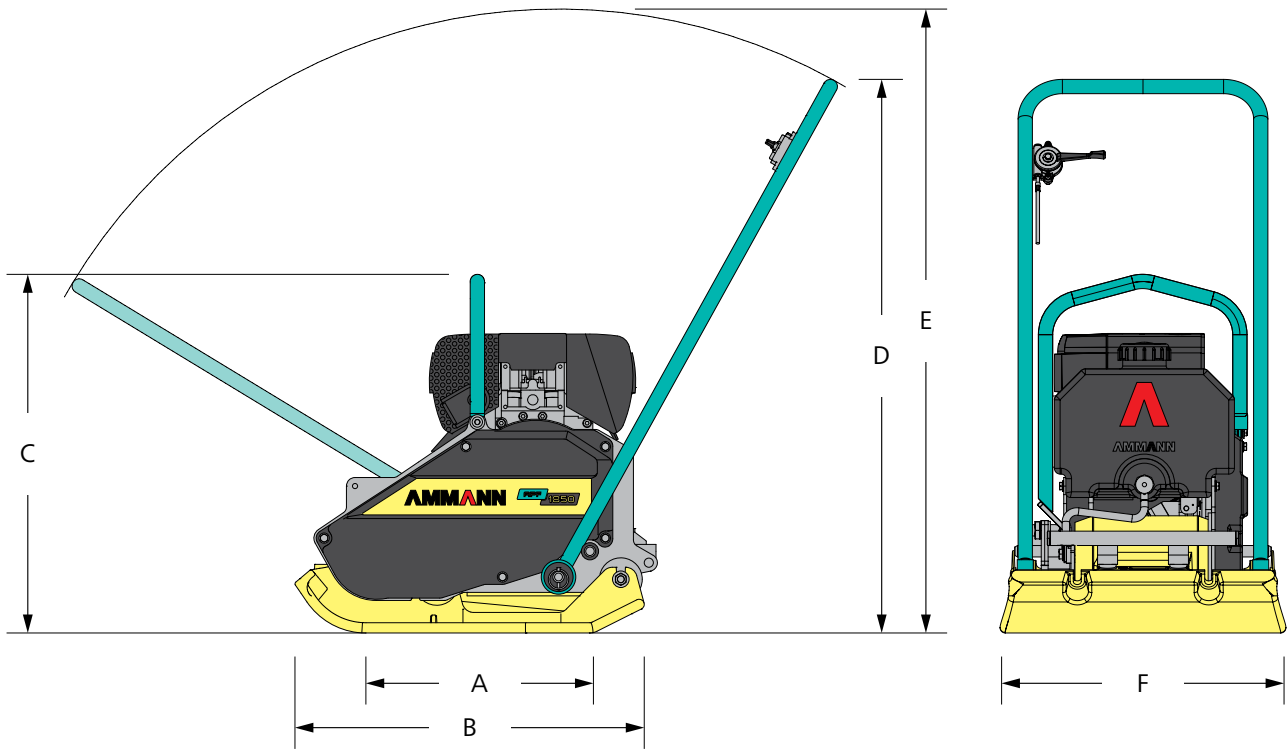
The machine has a central lifting point for easy transport. Additionally, the guide handle can be folded over the machine to save space during transport.



HIGHLIGHTS

- Operator-friendly compactor with a low-vibration guide handle
- Well-protected, robust centrifugal clutch with wear-resistant V belt
- Maintenance-friendly exciter with a long life-span
- Robust protective frame with central single-point suspension
- Powerful petrol or diesel engine
- Wear-resistant, self-cleaning base plate
- Options include a guide handle with especially low HAV values, permanently installed transport wheels, a water sprinkler system for working on bituminous surfaces and a Vulkollan plate for working on paving blocks





DIMENSIONS & WEIGHT

| | APF 1033 | APF 1240 Petrol | APF 1240 Diesel | APF 1250 | APF 1850 Petrol | APF 1850 Diesel |
|------------------------------|----------|--------------------|--------------------|----------|--------------------|--------------------|
| MACHINE WEIGHT | 54 kg | 69 kg | 85 kg | 72 kg | 95 kg | 110 kg |
| A BASE PLATE LENGTH | 341 mm | 371 mm | 371 mm | 353 mm | 398 mm | 398 mm |
| B MACHINE LENGTH | 540 mm | 540 mm | 540 mm | 523 mm | 615 mm | 615 mm |
| C MACHINE HEIGHT | 512 mm | 514 mm | 587 mm | 514 mm | 623 mm | 623 mm |
| D GUIDE HANDLE HEIGHT (WORK) | 920 mm | 1000 mm | 1000 mm | 1000 mm | 1000 mm | 1000 mm |
| D MAX. GUIDE HANDLE HEIGHT | 1100 mm | 1100 mm | 1100 mm | 1100 mm | 1100 mm | 1100 mm |
| F MACHINE WIDTH | 330 mm | 400 mm | 400 mm | 500 mm | 500 mm | 500 mm |

ENGINE

| | Honda GX 120 | Honda GX 120 Subaru EX 13 | Yanmar L48AE | Honda GX 120 Subaru EX 13 | Honda GX 160 | Hatz 1B20 |
|--------|--------------|------------------------------|--------------|------------------------------|--------------|-----------|
| FUEL | Petrol | Petrol | Diesel | Petrol | Petrol | Diesel |
| OUTPUT | 2.9 HP | 4 HP | 4.3 HP | 4 HP | 5 HP | 4.2 HP |
| RPM | 3600 | 3600 | 3200 | 3600 | 3200 | 3000 |

COMPACTION OUTPUT

| | | | | | | |
|--------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| MAX. VIBRATION FREQUENCY | 100 Hz | 98 Hz | 98 Hz | 98 Hz | 85 Hz | 85 Hz |
| MAX. CENTRIFUGAL FORCE | 10.5 kN | 12 kN | 12 kN | 12 kN | 18 kN | 18 kN |
| MAX. WORKING SURFACE | 0.11 m ² | 0.14 m ² | 0.14 m ² | 0.18 m ² | 0.2 m ² | 0.2 m ² |
| MAX. COMPACTION DEPTH * | 10 cm | 15 cm | 18 cm | 13 cm | 20 cm | 25 cm |

MISCELLANEOUS

| | | | | | | |
|-------------------|----------|----------|----------|----------|----------|----------|
| WORKING SPEED | 22 m/min | 20 m/min | 20 m/min | 20 m/min | 20 m/min | 20 m/min |
| MAX. GRADEABILITY | 30% | 30% | 30% | 30% | 30% | 30% |
| MAX. INCLINE | 20° | 20° | 20° | 20° | 20° | 20° |

* depending on ground conditions

“Proven technology and years of experience are reflected in every model of the APF range.”



TRAINING

ENHANCE YOUR PERFORMANCE

The Ammann International Training Centre in the Czech Republic is our training headquarters. If you are not able to visit the International Training Centre, Ammann will bring the training to your business or even a jobsite of your choosing.

MACHINE TRAINING MODULES

Modules help you organise your team's training efforts. For example, you can have comprehensive lessons that put you on the path to expertise regarding a single machine. Or, if you prefer, your crew can instead broaden its general knowledge. And if you want to become an expert on the entire product line, the modules can accommodate that, too.



MAIN COURSES

These are the most frequently requested lessons and focus on one machine line.

SUB COURSES

These courses focus on a single machine and typically run for 2 days, allowing a second (or even third) such course to be taken during a week at the training centre.

PRODUCT COURSES

Important information regarding Ammann compaction machines is at the core of these classes. The training includes correct operation and basic maintenance.

ADMINISTRATIVE COURSES

Participants in this training learn effective utilisation of warranty claims, spare parts purchase orders, training, requests for technical support and service tips. Those who take these classes will learn to use all Ammann technical publications and administration tools.

COMMISSIONING COURSES

In this training, participants learn maintenance and proper methods for organising a commissioning of Ammann compactors and asphalt pavers.

INTELLIGENT COMPACTION COURSES

Participants learn about the ACE^{force}, ACE^{pro} and ACE^{plus} systems used in Ammann machines. Those who take the class will learn to properly operate, maintain, diagnose and repair ACE systems. The offerings include ACE iii System for Soil Compactors, which is focused on ASC rollers, and ACE iii System for Asphalt Compactors, which discusses systems on ARP 95, ARX 90 and ARX 110.

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.



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.



“Service kits ensure that every part is there when you need it, while emergency kits prevent a little challenge from becoming a big one.”



For additional product information
and services please visit:
www.ammann-group.com

