

APF 20/50

FORWARD MOVING VIBRATORY PLATES

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PETROL



DIESEL



PACKING POWER

The APF 20/50 provides the most power in the new APF lineup. It features a working width of 500 mm (19.7 in) and centrifugal force of 20 kN. The plate's technologically advanced exciter unit is completely maintenance free. The exciter system also provides significant forward-moving power to enhance productivity in challenging materials and on steep grades. The APF 20/50 petrol version can be equipped with either a Honda, Vanguard or Rato engine. The APF 20/50 Hatz combines all the benefits of other Ammann plates with a diesel engine that makes fueling at the jobsite more convenient. The diesel engine provides engine power of 3.2 kW (4.3 HP) and also excels in higher altitudes.

SIMPLE OPERATION

- Operator safety with low HAV levels on the handle
- Machine frame that enables secure grip
- Great maneuverability boosts accuracy and makes work simple

POWERFUL COMPACTOR

- Generously sized, powerful exciter unit
- Leading compaction power, speed, climbing ability and machine life
- Compact dimensions allow use on sites with limited space

READY FOR RENTAL

- Low cost upkeep for owners
- Good match for many applications
- Easy for new users to operate

SERVICEABILITY

- Maintenance-free exciter system
- Full engine protection frame
- Toolless daily maintenance

VERSATILE OPTIONS

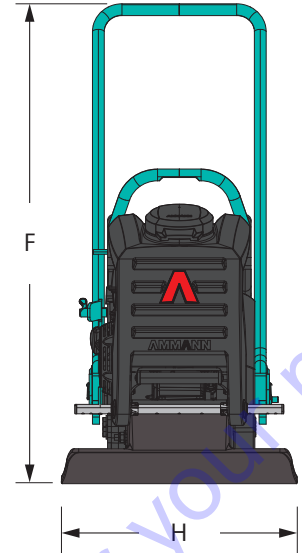
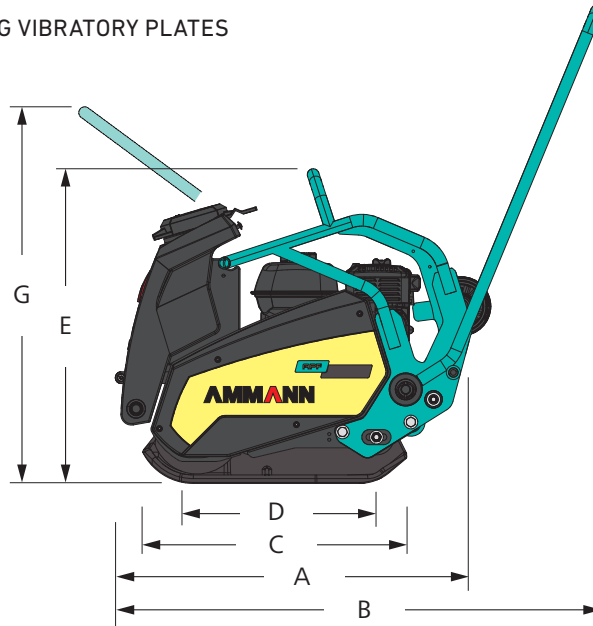
- Toolless mountable water tank and sprinkler system
- Toolless mountable rubber mats to change onto paving stones
- Permanently mounted transport wheels ensure easy relocation of the machine on site

APPLICATIONS

- Compaction in confined areas
- Asphalt and paving applications
- Light to medium patchwork
- Pipeline and trench construction
- Landscaping and gardening
- Earthwork

AMMANN

TECHNICAL SPECIFICATIONS
APF 20/50 FORWARD MOVING VIBRATORY PLATES



DIMENSIONS & WEIGHTS

	Honda / Vanguard / Rato	Hatz
MACHINE WEIGHT	88 kg (194 lb)	106 kg (234 lb)
MACHINE WEIGHT (INCL. OPTIONAL SPRINKLER & WHEELS)	97 kg (214 lb)	115 kg (254 lb)
A MACHINE LENGTH	700 mm (27.6 in)	700 mm (27.6 in)
B MACHINE LENGTH WITH HANDLE	1020 mm (40.2 in)	1020 mm (40.2 in)
C BASE PLATE LENGTH	559 mm (22 in)	559 mm (22 in)
D GROUND CONTACT LENGTH	352 mm (13.9 in)	352 mm (13.9 in)
E MACHINE HEIGHT	667 mm (26.3 in)	674 mm (26.5 in)
F WITH HANDLE (WORK)	976 mm (38.4 in)	976 mm (38.4 in)
G WITH HANDLE (TRANSPORT)	736/*960 mm (29/*37.8 in)	736 mm (29 in)
H MACHINE WIDTH	500 mm (19.7 in)	500 mm (19.7 in)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	90 Hz (5400 vpm)	90 Hz (5400 vpm)
MAX. CENTRIFUGAL FORCE	20 kN (4496 lbf)	20 kN (4496 lbf)
WORKING SURFACE	930 m ² /h (10 010 ft ² /h)	990 m ² /h (10 656 ft ² /h)
SPEC. SURFACE PRESSURE	11.4 N/cm ² (16.5 psi)	11.4 N/cm ² (16.5 psi)

*Vanguard & Rato

ENGINE

	Fuel	Engine Output at RPM
HONDA GX 160	Petrol	3.4 kW (4.6 HP) @3250
VANGUARD 160	Petrol	3.5 kW (4.7 HP) @3250
RATO R180	Petrol	3.8 kW (5.1 HP) @3250
HATZ 1B20	Diesel	3.2 kW (4.3 HP) @3250

MISCELLANEOUS

	Honda / Vanguard / Rato	Hatz
HAND-ARM VIBRATION ON HANDLE	3.1 m/s ²	<2.5 m/s ²
MAX. GRADEABILITY	0–31 m/min (0–101.7 ft/min)	0–33 m/min (0–108.3 ft/min)
MAX. GRADEABILITY	30 %	30 %
MAX. INCLINE	20°	20°

OPTIONS

RUBBER MAT	x	x
TRANSPORT WHEELS	x	x
WATER SPRINKLER SYSTEM	12 l (3.2 gal)	12 l (3.2 gal)
HOURLY METER	x	x

HIGHLIGHTS

- Low-vibration handle for operator safety and comfort
- Maintenance-free exciter system
- Self cleaning and wear resistant base plate
- Engine frame for protection on the jobsite and during transport
- Transport wheels, which can be dropped with a foot release, for increased mobility on the jobsite

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