

APF 20/50

FORWARD MOVING VIBRATORY PLATES



PACKING POWER

The APF 20/50 provides the most power in the new APF lineup. It features a working width of 500 mm and centrifugal force of 18 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 Honda has an engine output of 3.7 kW (5 HP), the most power in the new APF lineup. 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

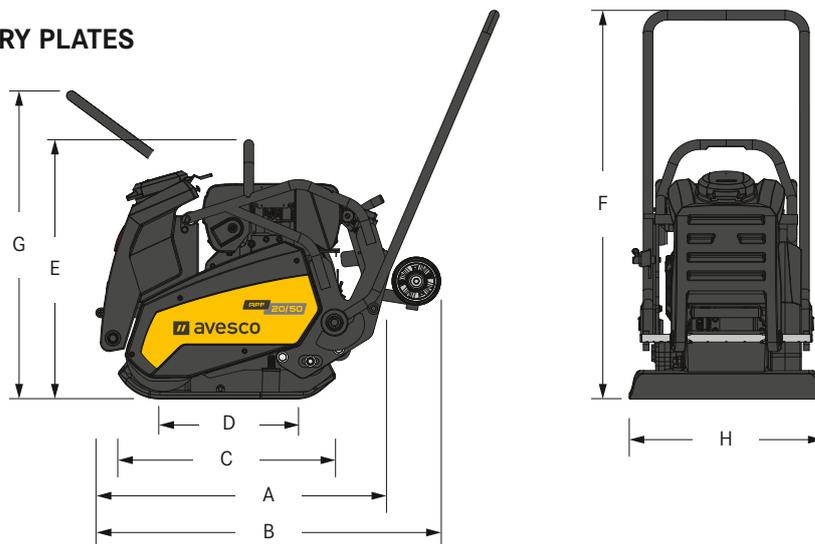
- Toolless mountable water tank and sprinkler system
- Toolless mountable rubber mats to change onto paving stones
- Permanently mounted transport wheels easy relocation of the machine on site

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

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DIMENSIONS & WEIGHTS

	Honda	Hatz
MACHINE WEIGHT	88 kg	106 kg
MACHINE WEIGHT (INCL. OPTIONAL SPRINKLER & WHEELS)	97 kg	106 kg
A MACHINE LENGTH	1020 mm	1020 mm
B MACHINE LENGTH (INCL. OPTIONAL WATER TANK & WHEELS)	1075 mm	1075 mm
C BASE PLATE LENGTH	559 mm	559 mm
D GROUND CONTACT LENGTH	352 mm	352 mm
E MACHINE HEIGHT	667 mm	674 mm
F WITH HANDLE (WORK)	976 mm	976 mm
G WITH HANDLE (TRANSPORT)	736 mm	736 mm
H MACHINE WIDTH	500 mm	500 mm

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	90 Hz	90 Hz
MAX. CENTRIFUGAL FORCE	20 kN	20 kN
SURFACE CAPACITY	up to 1020 m ² /h	up to 870 m ² /h
SPEC. SURFACE PRESSURE	8,1 N/cm ²	9,0 N/cm ²

ENGINE

	Honda	Hatz
ENGINE	Honda GX 160	Hatz 1B20
FUEL	Petrol	Diesel
ENGINE OUTPUT	3,7 kW (5 HP)	3,2 kW (4,3 HP)
AT RPM	3250	3250

MISCELLANEOUS

HAND-ARM VIBRATION ON HANDLE	3,1 m/s ²	<2,5 m/s ²
SPEED	0-31 m/min	0-33 m/min
GRADEABILITY	30%	30%
MAX. INCLINE TO ALL SIDES	20°	20°

OPTIONS

RUBBER MAT	x	x
TRANSPORT WHEELS	x	x
WATER SPRINKLER SYSTEM	10 l	10 l
HOUR METER	x	x

HIGHLIGHTS

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