

APF 12/40

FORWARD MOVING VIBRATORY PLATE

APPLICATIONS

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



PRODUCTIVITY

High compaction output

The plate utilises a large exciter unit to compact material quickly and help the machine advance, even in cohesive soils.

Unmatched speed

The base plate is optimised for weight distribution and high durability on all materials.

Frequency and amplitude provide superior mobility and fast working speeds.

ERGONOMICS

Design

Transport wheels, water tank and paving pad ensure the machine is already to work.

Industry-leading HAV values below 3 m/sec² protect the operator and eliminate the need for time-consuming record keeping.

Easy control

The plate's ergonomic design enables exceptional machine control.

The machine design enables safe and easy transport.

SERVICEABILITY

Durability

The exciter is maintenance-free, with a long life, due to the robust design and well-protected bearings.

The protective frame safeguards all key components on the jobsite and during transport.

Service access

Daily checks are quick and require no tools.

The machine is designed to be service-friendly.

SUSTAINABILITY

Future-ready

Fully synthetic or mixed fuels lower the carbon footprint.

The machine can be recycled at the end of its life. Electric-drive machines are available.

OPTIONAL EQUIPMENT

- Permanently installed transport wheels
- Vulcolan mat for application on paving stones
- Corrosion free water tank and sprinkling system for application on bituminous surfaces
- 3 year extended Warranty Program

STANDARD EQUIPMENT

- Standard vibration isolated guide handle
- Central lifting point
- Powerful and reliable petrol engine
- Service friendly exciter unit with expanded life expectancy
- Well protected, sturdy centrifugal clutch and V-Belt

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DIMENSIONS & WEIGHTS

MACHINE WEIGHT	69 kg (152 lb)
MACHINE WEIGHT (INCL. OPTIONAL SPRINKLER & WHEELS)	76 kg (168 lb)
A MACHINE LENGTH	621 mm (24.4 in)
B MACHINE LENGTH WITH HANDLE	1040 mm (40.9 in)
C BASE PLATE LENGTH	540 mm (21.3 in)
D GROUND CONTACT LENGTH	371 mm (14.6 in)
E MACHINE HEIGHT	514 mm (20.2 in)
F WITH HANDLE (WORK)	1000 mm (39.4 in)
G WITH HANDLE (TRANSPORT)	640 mm (25.2 in)
H MACHINE WIDTH	400 mm (15.7 in)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	98 Hz (5880 vpm)
MAX. CENTRIFUGAL FORCE	12 kN (2698 lbf)
WORKING SURFACE	480 m ² /h (5167 ft ² /h)
SPEC. SURFACE PRESSURE	8.1 N/cm ² (11.7 psi)

ENGINE

ENGINE	B&S XR 550
FUEL	Petrol
ENGINE OUTPUT	2.6 kW (3.5 HP)
AT RPM	3600

MISCELLANEOUS

HAND-ARM VIBRATION ON HANDLE	3.0 m/s ²
SPEED	0–20 m/min (65.6 ft/min)
GRADEABILITY	30%
MAX. INCLINE TO ALL SIDES	20°

OPTIONS

RUBBER MAT	x
TRANSPORT WHEELS	x
WATER SPRINKLER SYSTEM	10 l (2.641 U.S. gal)