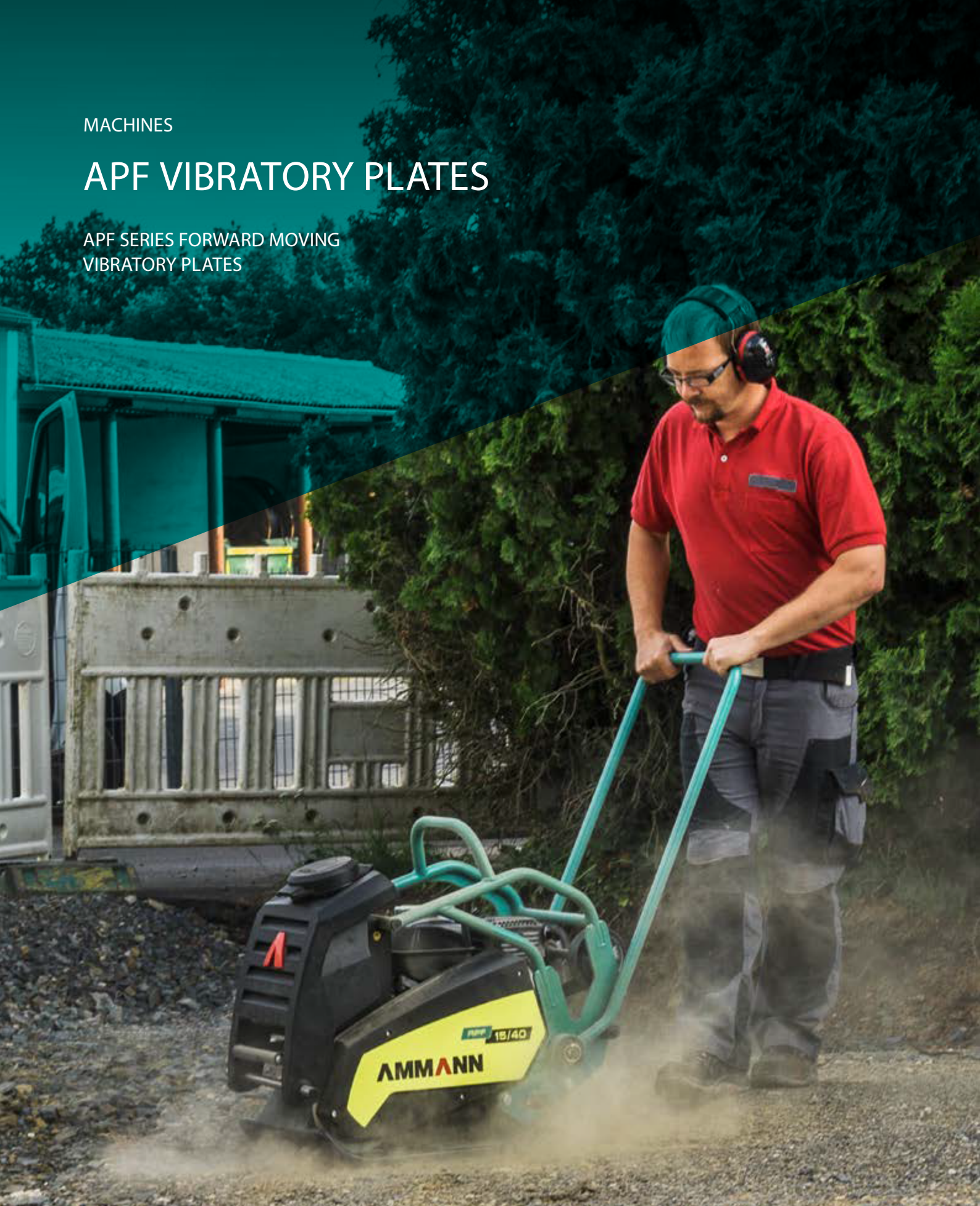


MACHINES

APF VIBRATORY PLATES

APF SERIES FORWARD MOVING
VIBRATORY PLATES



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AMMANN

THE RIGHT FIT ON YOUR JOBSITE

AMMANN APF FORWARD MOVING VIBRATORY PLATES

Six forward-moving vibratory plate models provide a solution for virtually all jobsite challenges.



APF 10/33

WEIGHT: 54 kg (119 lb)
MAX. VIBRATING FREQUENCY:
100 Hz (6000 vpm)
MAX. CENTRIFUGAL FORCE: 10.5 kN



APF 12/33

WEIGHT: 68 kg (150 lb)
MAX. VIBRATING FREQUENCY:
100 Hz (6000 vpm)
MAX. CENTRIFUGAL FORCE: 12 kN



APF 15/40

WEIGHT: 80 kg (176 lb)
MAX. VIBRATING FREQUENCY:
100 Hz (6000 vpm)
MAX. CENTRIFUGAL FORCE: 15 kN



APF 15/50

WEIGHT: 84 kg (185 lb)
MAX. VIBRATING FREQUENCY:
100 Hz (6000 vpm)
MAX. CENTRIFUGAL FORCE: 15 kN



APF 20/50 PETROL

WEIGHT: 88 kg (194 lb)
MAX. VIBRATING FREQUENCY:
90 Hz (5400 vpm)
MAX. CENTRIFUGAL FORCE: 20 kN



APF 20/50 DIESEL

WEIGHT: 106 kg (234 lb)
MAX. VIBRATING FREQUENCY:
90 Hz (5400 vpm)
MAX. CENTRIFUGAL FORCE: 20 kN

WHAT SETS THE APF PLATES APART?



EFFICIENCY

Large exciter unit

Boosts power, speed, climbing ability and machine life

Toolless mountable water tanks

Enable simple refilling

Toolless mountable rubber mats

Provide quick changes when it's time for a new application

ERGONOMICS

Low HAV levels (below 2.5 m/sec²)

Protect the operator from unwanted vibration

Quick and easy mounting of options (water tank, Vulcolan mat, transport wheels)

Make the most of operator and machine time

Machine frame that enables secure grip

Helps the operator control the machine, even in difficult spaces and confined areas

SERVICEABILITY

Maintenance-free exciter system

Reduces wear and maintenance costs

Full engine frame

Protects against damage on the jobsite or during transport

Toolless daily maintenance

Fast and convenient for optimal uptime

APPLICATIONS

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

TECHNICAL ADVANCED

THE EXTRA BENEFIT FOR YOUR SUCCESS

Technology and innovative design are the driving forces behind the durability, productivity and operator comfort built into every Ammann forward-moving vibratory plate.



RELIABLE POWER

The APF line is powered by reliable and efficient Honda petrol engines. The APF 20/50 is available with a petrol or a Hatz diesel engine, which performs well in high altitudes and enables the use of a single fuel type on many jobsites. The sturdy protection frame on all engines prevents damage during operation or transport, and ultimately extends plate life.

MAINTENANCE-FREE EXCITER SYSTEM

A generously sized exciter unit provides the industry-leading forward movement, speed and climbing ability. The long-lasting, optimized ball bearing unit is sealed, blocking entry of air or water and eliminating the need for service.



SELF CLEANING BASE PLATE

The design of the base plates automatically moves loose material off the plate during compaction work. This helps to keep the machine clear and prevents loose material to get stuck between machine components.

WEAR OPTIMISED BASE PLATE

The plates perform in a variety of materials, from abrasive aggregates to clays. The bottom wear plate is designed to last, with thicker protection toward the back of the plate where the most wear occurs.

THE ERGONOMICS LEADER

A JOY TO WORK WITH

Ammann APF plates are at the top of the class when it comes to operator safety and ergonomics. The plates offer the reliability and precise control necessary to overcome changing jobsite challenges. Intuitive operation helps plate operators of all experience levels succeed.



REDUCES UNWANTED VIBRATION

Ammann plates lead the industry in lowest hand-arm vibration (HAV) levels. In fact, the levels are so minimal that the machines will remain in compliance with the strictest regulations for many years to come. The reduced vibration values (below 2.5 m/sec²) result from the Z-buffer in the handle bar. This patented system enables long work shifts without health risk to the operator or a need for documentation.

For simple transportation the handle can be folded down over the machine.



HIGHLY MANOEUVRABLE

The powerful forward movement of the plates boosts productivity and enables consistent results, even on steep grades. The base plate is designed to add forward-moving efficiency. The handle and grip nearer the base plate help the operator manoeuvre the compactor in tight spaces.



EASY TRANSPORT

A central, easy-to-grip transport hook makes it simple to lift the plate while loading it into a vehicle or removing it from trenches. The plate is small enough to fit into a vehicle of any size.

OPTIONAL EQUIPMENT

BRINGING FLEXIBILITY FOR YOUR NEEDS

Quick-change options enhance versatility and ensure the machines are precisely matched for the jobsite. The options include a rubber mat for working on paving stones and a water sprinkling system for asphalt applications.



WATER SPRINKLING SYSTEM

The tank and sprinkler are combined into a single unit that can be added or removed without any tools, or even adjustment of a single screw. The sprinklers provide comprehensive surface coverage and can be activated by simply turning a switch. The 10-litre tanks extend intervals between fillings.



PERMANENTLY INSTALLED TRANSPORT WHEELS

The transport wheels can be dropped with a foot release, preventing fingers from being pinched and reducing stress on the operator's back. The high quality wheels are durable and enable quick and easy transport around the jobsite.



HOUR METER

The plates can be fitted with hour meters to help monitor maintenance needs.



TOOLLESS MOUNTABLE RUBBER MAT

This optional mat can be mounted in a few seconds, preparing the machine for work on paving stones and protecting the stones' edges from cracking. Installation is extremely easy: The mat wraps around the foot and is secured with two hooks.

APF 10/33

FORWARD MOVING VIBRATORY PLATE

SUPERIOR MOBILITY AND PERFORMANCE

The APF 10/33 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 10/33 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
- Optional water sprinkler system for work on bituminous surfaces



APF 12/33

FORWARD MOVING VIBRATORY PLATE



INDUSTRY-LEADING COMPACTION

The APF 12/33 is an outstanding match for soils and soft bases, particularly those associated with gardening and landscaping. It has a working width of 330 mm and engine power of 2.9 kW (4 HP). The plate's technologically advanced exciter unit is maintenance free, with cylindrical bearings that reduce wear. The exciter system also provides significant forward-moving power to enhance productivity in challenging materials and on steep grades.

Versatility is a key benefit of all Ammann APF plates. An optional Vulcolan mat, which can be installed without a single tool, provides quick adjustment when working with paving stones. A sprinkling system enables work on asphalt.

Ammann plates lead the industry in lowest hand-arm vibration (HAV) levels. The levels are so minimal that the machines will remain in compliance with the strictest regulations for many years to come.

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



APF 15/40

FORWARD MOVING VIBRATORY PLATE



BROAD APPLICATION RANGE

The APF 15/40 is able to utilise key options to make this forward-moving plate extremely versatile. An optional Vulcolan mat, which can be installed without a single tool, provides quick adjustment when working with paving stones. A sprinkling system enables work on asphalt. The plate features a working width of 400 mm and engine power of 2.9 kW (4 HP).

The plate's technologically advanced exciter unit is maintenance free, with cylindrical bearings that reduce wear. The exciter system also provides significant forward-moving power to enhance productivity in challenging materials and on steep grades.

Ammann plates lead the industry in lowest hand-arm vibration (HAV) levels. The levels are so minimal that the machines will remain in compliance with the strictest regulations for many years to come.

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



APF 15/50

FORWARD MOVING VIBRATORY PLATE

COMFORT AND OUTPUT

The APF 15/50 combines the powerful Ammann exciter system with industry-leading low hand-arm vibration (HAV) levels. The result is a powerful compactor that's comfortable and safe for operators, too. The plate features a working width of 500 mm and engine power of 2.9 kW (4 HP).

The plate's technologically advanced exciter unit is maintenance free. The exciter system also provides significant forward-moving power to enhance productivity in challenging materials and on steep grades.

The APF 15/50 is able to utilise key options to make this forward-moving plate extremely versatile. An optional Vulcolan mat, which can be installed without a single tool, provides quick adjustment when working with paving stones. A sprinkling system enables work on asphalt.



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



APF 20/50

FORWARD MOVING VIBRATORY PLATE

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 maintenance free. The exciter system also provides significant forward-moving power to enhance productivity in challenging materials and on steep grades.

Ammann plates lead the industry in lowest hand-arm vibration (HAV) levels. The levels are so minimal that the machines will remain in compliance with the strictest regulations for many years to come.

The machine is versatile, too, through the use of key options. An optional Vulcolan mat, which can be installed without a single tool, provides quick adjustment when working with paving stones. A sprinkling system enables work on asphalt. The APF 20/50 Honda has an engine output of 3.7 kW (5 HP), the most power in the new APF lineup.

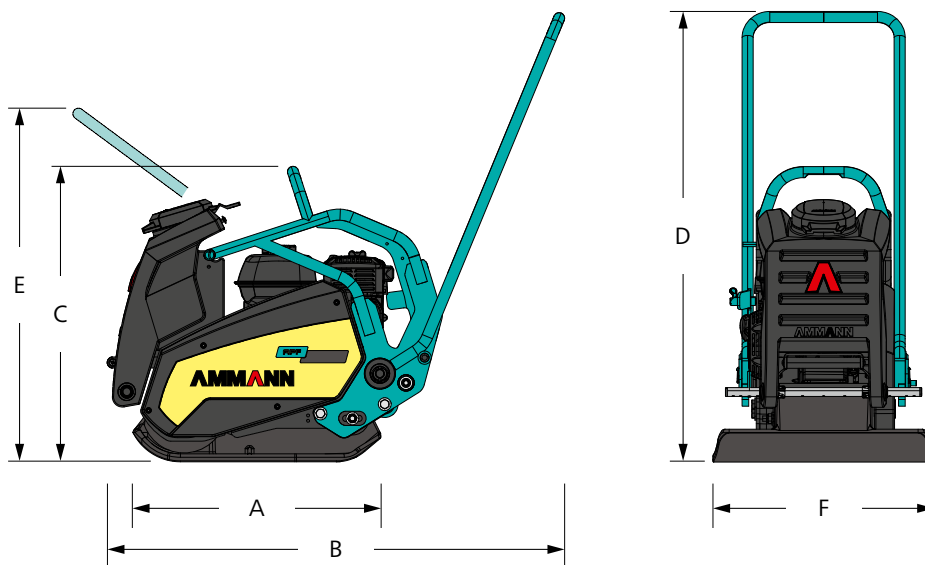


HIGHLIGHTS

- 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

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.





DIMENSIONS & WEIGHTS

	APF 10/33 Honda	APF 12/33 Honda	APF 15/40 Honda	APF 15/50 Honda	APF 20/50 Honda	APF 20/50 Hatz
MACHINE WEIGHT	54 kg (119 lb)	68 kg (150 lb)	80 kg (176 lb)	84 kg (185 lb)	88 kg (194 lb)	106 kg (234 lb)
A BASE PLATE LENGTH	341 mm (13.4 in)	346 mm (13.62 in)	346 mm (13.62 in)	346 mm (13.62 in)	346 mm (13.62 in)	352 mm (13.86 in)
B MACHINE LENGTH	540 mm (21.26 in)	1026 mm (40.40 in)	1032 mm (40.62 in)	1032 mm (40.62 in)	1032 mm (40.62 in)	1164 mm (45.83 in)
C MACHINE HEIGHT	512 mm (20.2 in)	529 mm (20.82 in)	667 mm (20.26 in)	529 mm (20.82 in)	529 mm (20.82 in)	673 mm (26.50 in)
D WITH HANDLE (WORK)	920 mm (36.2 in)	1015 mm (39.96 in)	1015 mm (39.96 in)	1015 mm (39.96 in)	1015 mm (39.96 in)	1015 mm (39.96 in)
E WITH HANDLE (TRANSPORT)	1100 mm (43.3 in)	–	860 mm (33.86 in)	860 mm (33.86 in)	860 mm (33.86 in)	738 mm (29.06 in)
F MACHINE WIDTH	330 mm (13 in)	330 mm (13 in)	400 mm (15.7 in)	500 mm (19.7 in)	500 mm (19.7 in)	500 mm (19.7 in)

ENGINE

ENGINE	Honda GX 120	Honda GX 120	Honda GX 120	Honda GX 120	Honda GX 160	Hatz 1B20
FUEL	Petrol	Petrol	Petrol	Petrol	Petrol	Diesel
ENGINE OUTPUT AT RPM	2.2 kW (3 HP) 3600	2.9 kW (4 HP) 3600	2.9 kW (4 HP) 3200	2.9 kW (4 HP) 3600	3.7 kW (5 HP) 3250	3.2 kW (4.3 HP) 3250

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	100 Hz (6000 vpm)	100 Hz (6000 vpm)	100 Hz (6000 vpm)	100 Hz (6000 vpm)	90 Hz (5400 vpm)	90 Hz (5400 vpm)
MAX. CENTRIFUGAL FORCE	10.5 kN	12 kN	15 kN	15 kN	20 kN	20 kN
WORKING SURFACE	0.11 m ²	up to 396 m ² /h	up to 528 m ² /h	up to 630 m ² /h	up to 1020 m ² /h	up to 870 m ² /h
SPEC. SURFACE PRESSURE	9.3 N/cm ²	8.1 N/cm ²	7.2 N/cm ²	9.0 N/cm ²	8.1 N/cm ²	9.0 N/cm ²

MISCELLANEOUS

HAND-ARM VIBRATION ON HANDLE	–	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	3.1 m/s ²	<2.5 m/s ²
SPEED	0–22 m/min (72.2 fpm)	0–20 m/min (65.6 fpm)	0–22 m/min (72.2 fpm)	0–20 m/min (65.6 fpm)	0–27 m/min (88.6 fpm)	0–27 m/min (88.6 fpm)
GRADEABILITY	30 %	30 %	30 %	30 %	30 %	30 %
MAX. INCLINE TO ALL SIDES	20°	20°	20°	20°	20°	20°

OPTIONS

RUBBER MAT	–	–	x	x	x	x
TRANSPORT WHEELS	–	–	x	x	x	x
WATER SPRINKLER SYSTEM	5 l	8 l	10 l	10 l	10 l	10 l
HOUR METER	x	x	x	x	x	x