



Machines

Reversible Vibratory Plates 100-496 kg  
APR 2220/2620/3020/3520/4920/5920

[www.ammann-group.com](http://www.ammann-group.com)



Tough operation





## The Vibrating Plate for all Applications

### Universal Use

The Ammann series of light and medium reversible vibratory plates offer fast and economical solutions for all aspects of soil and asphalt compaction. All models have exceptional features such as easy and ergonomically handling, maximum versatility due to infinitely variable hydraulic forward and reverse motion together with the possibility of effortless "On the Spot Vibration".

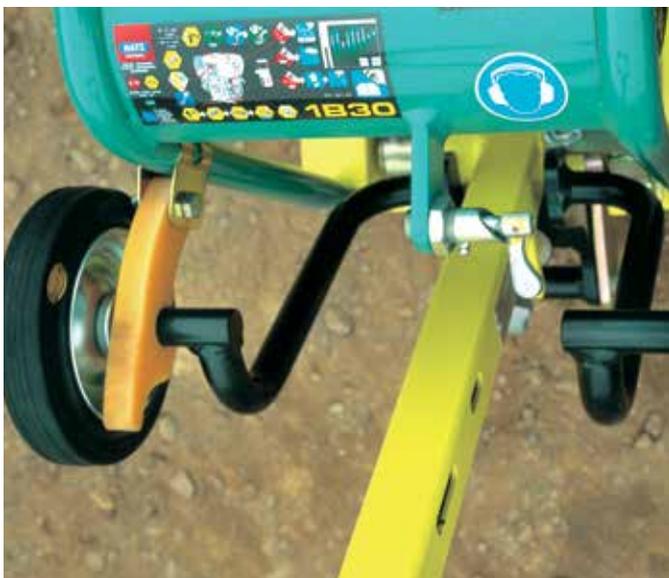
A modern design of the sturdy protection frame with integrated central lifting point and a choice of powerful petrol or diesel engines make this series of Ammann vibration plate most successful and every owner can be sure to receive an excellent machine for the every desired application.

**APR 2220** represents the lightest unit in this series with an operating width of 40 cm and a forward speed of 25 meter/min. particularly suitable for compaction work in narrow trenches and in confined areas. An extremely compact and handy unit with an operating weight of just below 100 kg (Honda petrol engine).

Model **APR 2620** stands for an all-round unit which is equally usable in soil compaction, laying of pavement blocks and even asphalt patch work with an optional, Ammann unique, water sprinkler system which is adjustable to the travel direction of the plate. Available operating widths: 38 cm or 50 cm.

Model **APR 3020** is a vibrating plate that offers a variety of application possibilities. Depending on engine options the unit has an operating weight of 180 kg to 230 kg alternatively. The centrifugal force of 30 kN provides balanced handling when operating on soil and even when working on pavement stones. An optional electric start system can be fitted for operator's convenience.

Permanently installed transport wheels (optional) can be fitted to models APR 2220, 2620 and 3020. Rubber mats, to avoid damage to paving stones, are also available for all working widths offered.



Elektric starter (option on APR 3020 Hatz Diesel)



## The Allrounder





## The top of the light range

The vibratory plate model **APR 3520** has an operating weight of 280 kg - 300 kg depending on engine version. With a centrifugal force of 38 kN, this plate is designed to work in all kinds of material as well as on pavement blocks with a thickness of 10 cm and up. (Rubber mats for stone protection are optional available). The working width is adjustable between 450 mm and 600 mm. Standard feature include throttle control on the guide handle as well as self-adjusting centrifugal clutch. Optional electric start is available for operator convenience (diesel version only).



Throttle control at operator's handle



Vulcolan mats are available as option



Electric starter available as option (on diesel version)



## Universal Application





## The "all-rounder"

### Easy and economical operation

With the development of the models **APR 4920** and **5920**, our product range of middle and heavy weight reversible plate compactors has been complemented.

All models distinguish themselves by easy handling and universal application. Exceptional features, like high manoeuvrability and fast traction thanks to infinitely variable hydraulic forward and reverse motion, together with the possibility of effortless "on the spot vibration" are self-evident.

Additionally, these machines impress with their huge ability to climb.

High performance diesel and petrol engines, as well as these useful equipment options, complete the profile of these machines:

- Electric starter for diesel versions
- Extension plates for different operating widths
- Vulcollan mats for block paving

The typical feature which distinguishes our fully hydrostatic vibrating plates (including the models equipped with 3-shaft-exciter system), has not been forgotten: a compact and foldable engine cover ensures excellent protection and easy accessibility for service.

All two models are ideal for operation in rental fleets; however, of course they are also perfect machines for contractors and landscapers too.



Hydraulic forward and reverse motion



Electric starter



Functional design: the components are well protected and easily accessible



Extension plates in two width sizes

# Our century long experience

## Look for yourself

Sturdy protection frame with central lifting point

Powerful petrol- or diesel engine

Corrosionfree water tank/Water sprinkler system for black top application  
(Option for APR 2620 only)

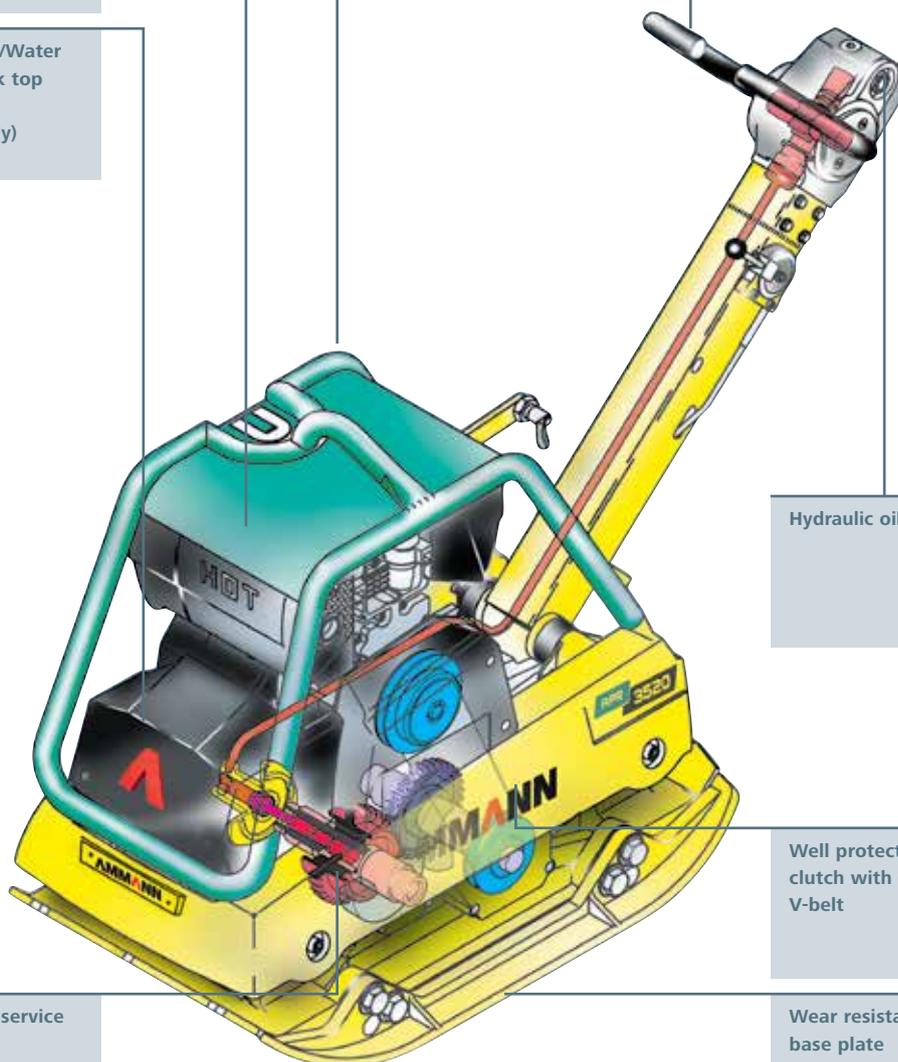
Operator friendly guide handle, foldable for easy transport, adjustable for individual body size, infinitely variable hydrostatic forward and reverse motion incl. "On the spot vibration"

Hydraulic oil control point

Well protected, sturdy centrifugal clutch with wear resistant V-belt

2-shaft exciter with long service intervals

Wear resistant and self cleaning base plate



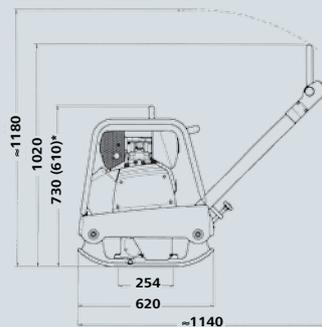


## Technical Data

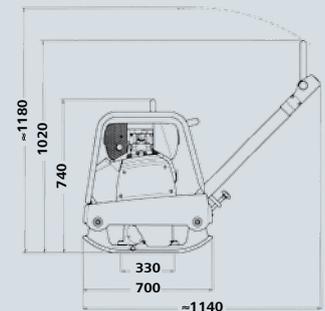
		APR 2220 Honda petrol	APR 2220 Hatz diesel	APR 2620 Hatz diesel	APR 3020 Honda petrol	APR 3020 Hatz diesel	APR 3520 Honda petrol	APR 3520 Hatz diesel
<b>Operating weight</b>	kg (lb)	100 (220)	121 (266)	130/135 (287/298)	200/203 (440/446)	213/217 (468/477)	248/263 (545/578)	256/271 (563/596)
<b>Working width</b>	cm (in)	40 (16)	40 (16)	38/50 (15/20)	50/60 (20/24)	50/60 (20/24)	45/60 (18/24)	45/60 (18/24)
<b>Engine</b>		Honda	Hatz	Hatz	Honda	Hatz	Honda	Hatz
<b>Model</b>		GX 120	1 B 20	1 B 20	GX 270	1 B 30	GX 270	1 B 30
<b>Power</b>	HP (kW)	4 (2,9)	4,2 (3,2)	4,2 (3,2)	8,6 (6,3)	6,1 (4,5)	8,6 (6,3)	6,3 (4,6)
<b>Speed</b>	U/min. (rpm)	3600	3000	3000	3100	2900	3100	3000
<b>Fuel</b>	l (gal)	2,5 (0,6)	3 (0,7)	3 (0,7)	6 (1,3)	5 (1,1)	6 (1,3)	5 (1,1)
<b>Fuel consumption</b>	l/h (gal/hr)	0,9 (0,2)	0,9 (0,2)	0,9 (0,2)	2,1 (0,5)	1,3 (0,3)	2,1 (0,5)	1,3 (0,3)
<b>Centrifugal force up to</b>	kN (lbf)	22 (4,9)	22 (4,9)	24 (5,4)	30 (6,7)	30 (6,7)	38 (8,5)	38 (8,5)
<b>Vibrating frequency up to</b>	Hz (vpm)	98 (5880)	98 (5880)	95 (5700)	90 (5400)	90 (5400)	65 (3900)	65 (3900)
<b>Compaction depth*</b>	cm (in)	20 (7,9)	25 (9,8)	30/25 (11,8/9,8)	35/30 (13,8/11,8)	35/30 (13,8/11,8)	50 (19,7)	50 (19,7)
<b>Operating speed max.</b>	m/min (mph)	0-25 (0-0,9)	0-25 (0-0,9)	0-23/0-21 (0-0,9/0-0,8)	0-22/0-19 (0-0,8/0-0,7)	0-22/0-19 (0-0,8/0-0,7)	0-26 (0-1)	0-26 (0-1)
<b>max. gradeability</b>	%	35	35	35	36	35	35	35
<b>max. gradient</b>	°	20	30	30	20	30	20	30
<b>Surface capacity</b>	m <sup>2</sup> /h (ft <sup>2</sup> /hr)	600 (6458)	600 (6458)	530/630 (5705/6781)	660/800 (7104/8611)	660/800 (7104/8611)	700/936 (7535/10075)	700/936 (7535/10075)
<b>Optional equipment:</b>								
<b>Transport wheels</b>		x	x	x	x	x	–	–
<b>Vulcolan mat</b>		x	x	x	x	x	x	x
<b>Water sprinkler system (watertank 8 l)</b>		–	–	x	–	–	–	–
<b>Electric starter</b>		–	–	–	–	x	–	x

\*According to nature of soil

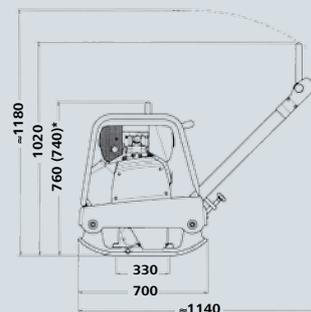
Specifications are subject to changes due to technical improvements



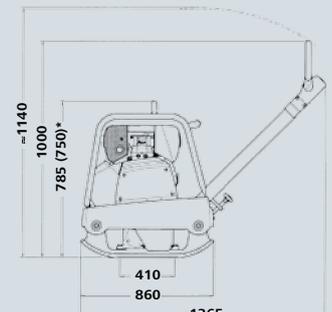
APR 2220 (\*with Honda)



APR 2620



APR 3020 (\*with Honda)



APR 3520 (\*with Honda)

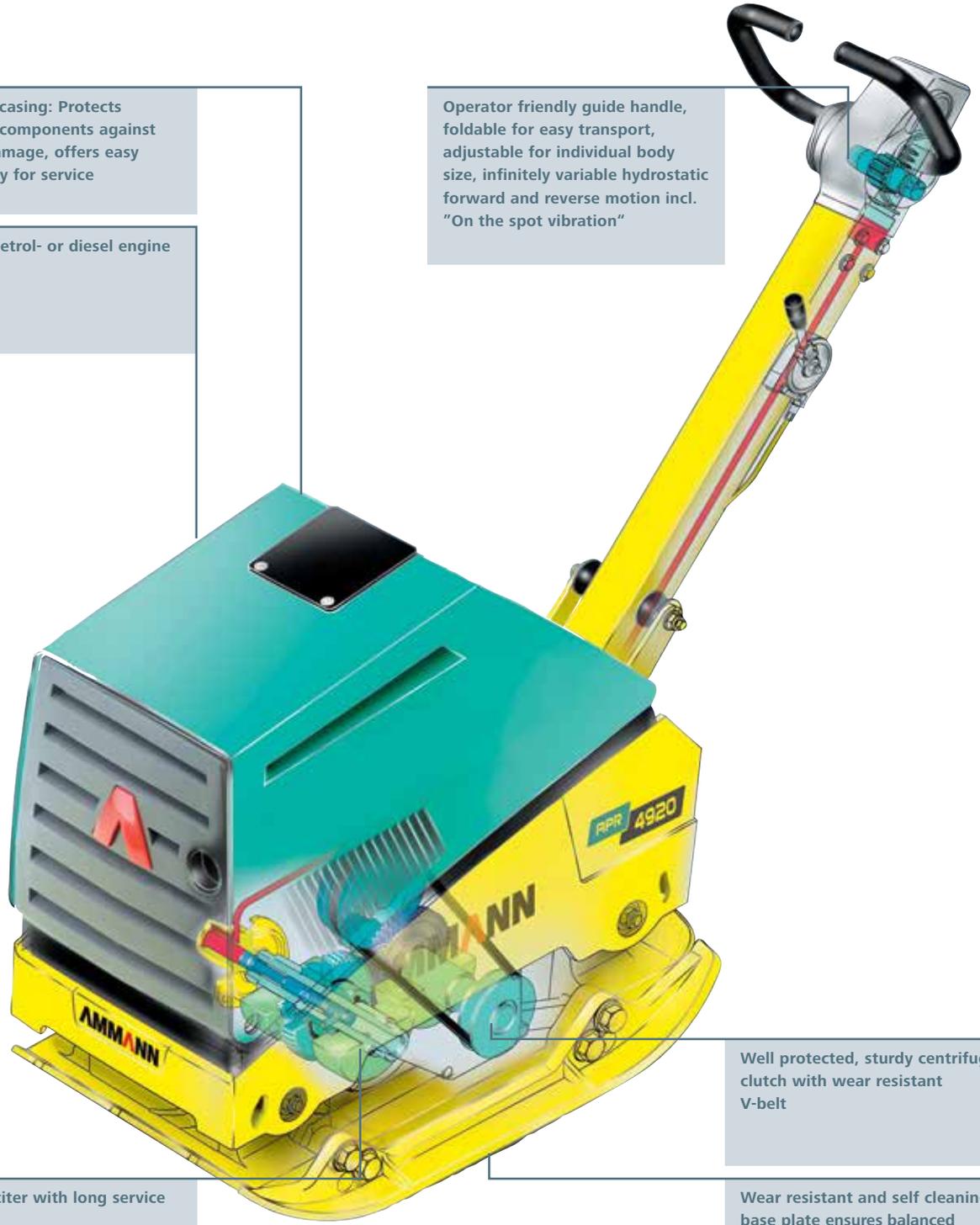


## Here are all the benefits on one page

Protective casing: Protects functional components against dirt and damage, offers easy accessibility for service

Powerful petrol- or diesel engine

Operator friendly guide handle, foldable for easy transport, adjustable for individual body size, infinitely variable hydrostatic forward and reverse motion incl. "On the spot vibration"



Well protected, sturdy centrifugal clutch with wear resistant V-belt

2-shaft exciter with long service intervals

Wear resistant and self cleaning base plate ensures balanced running performance, powerful drive and maximum gradient climbing capability

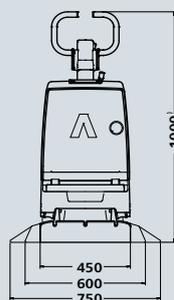
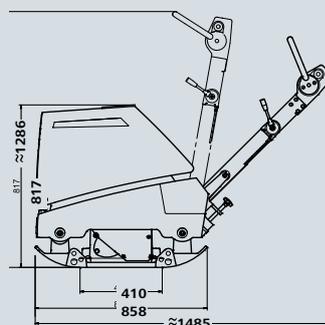


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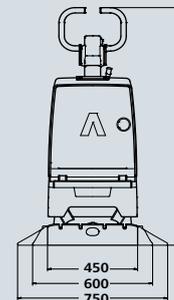
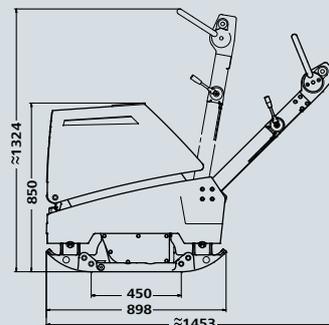
		APR 4920 Honda petrol	APR 4920 Hatz diesel	APR 5920 Hatz diesel
<b>Operating weight</b>	kg (lb)	363 (798)	391 (860)	440 (968)
with extension plates 75 mm	kg (lb)	387 (851)	413 (908)	461 (1014)
with extension plates 150 mm	kg (lb)	387 (851)	424 (932)	473 (1040)
<b>Working width</b>	mm (in)	450 (18)	450 (18)	450 (18)
with extension plates 75/150 mm	mm (in)	600/750 (24/30)	600/750 (24/30)	600/750 (24/30)
<b>Engine</b>		Honda	Hatz	Hatz
<b>Model</b>		GX 390	1 B 40	1 B 40
<b>Power</b>	HP (kW)	11,1 (8,2)	9 (6,6)	9 (6,6)
<b>Speed</b>	U/min. (rpm)	3000	2900	2900
<b>Fuel capacity</b>	l (gal)	6,5 (1,4)	5 (1,1)	5 (1,1)
<b>Fuel consumption</b>	l/h (gal/hr)	2,5 (0,6)	1,6 (0,4)	1,6 (0,4)
<b>Centrifugal force up to</b>	kN (lbf)	49 (11)	49 (11)	59 (13)
<b>Vibration frequency up to</b>	Hz (vpm)	65 (3900)	65 (3900)	65 (3900)
<b>max. compaction depth*</b>	cm (in)	60 (24)	60 (24)	70 (28)
<b>Operating speed</b>	m/min (mph)	0-30 (0-1,1)	0-30 (0-1,1)	0-33 (0-1,2)
<b>max. gradeability</b>	%	30	30	30
<b>max. gradient</b>	°	20	25	25
<b>Surface capacity</b>	m <sup>2</sup> /h (ft <sup>2</sup> /hr)	810 (1744)	810 (1744)	891 (1918)
with extension plates 75 mm	m <sup>2</sup> /h (ft <sup>2</sup> /hr)	1080 (2325)	1080 (2325)	1188 (2558)
with extension plates 150 mm	m <sup>2</sup> /h (ft <sup>2</sup> /hr)	1350 (2874)	1350 (2874)	1485 (3197)
<b>Optional equipment:</b>				
<b>Extension plates 75 mm</b>		x	x	x
<b>Extension plates 150 mm</b>		x	x	x
<b>Vulcolan mat</b>		x	x	x
<b>Electric starter</b>		-	x	x

\*According to nature of soil

Specifications are subject to changes due to technical improvements



APR 4920



APR 5920

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