



Machines

Reversible Vibratory Plates 100 – 280 kg

AVP 2220/2620/3020/3520



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.

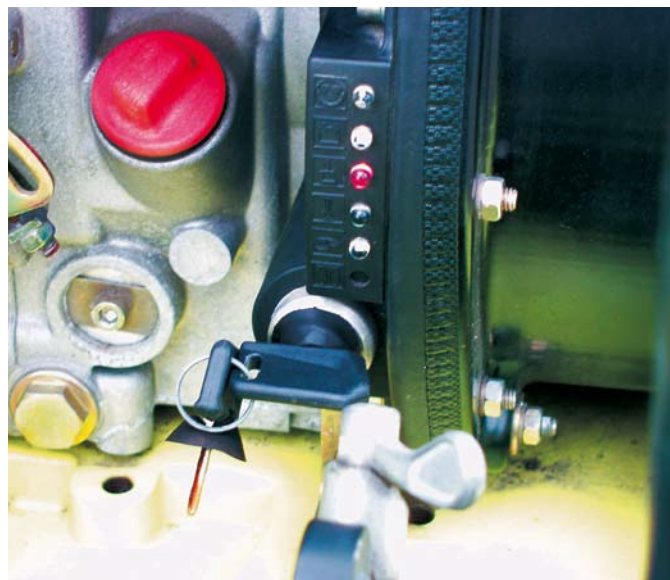
AVP 2220 represents the lightest unit in this series with an operating width of 40 cm and a forward speed of 25 meter/min. particularly suitable for compaction work in narrow trenches and in confined areas. An extremely compact and handy unit with an operating weight of just below 100 kg (Honda petrol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

Model **AVP 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 **AVP 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 AVP 2220, 2620 and 3020. Rubber mats, to avoid damage to paving stones, are also available for all working widths offered.

Elektric starter (option on AVP 3020 Hatz Diesel)





The Allrounder





The top of the light range

The vibratory plate model **AVP 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)



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 AVP 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"

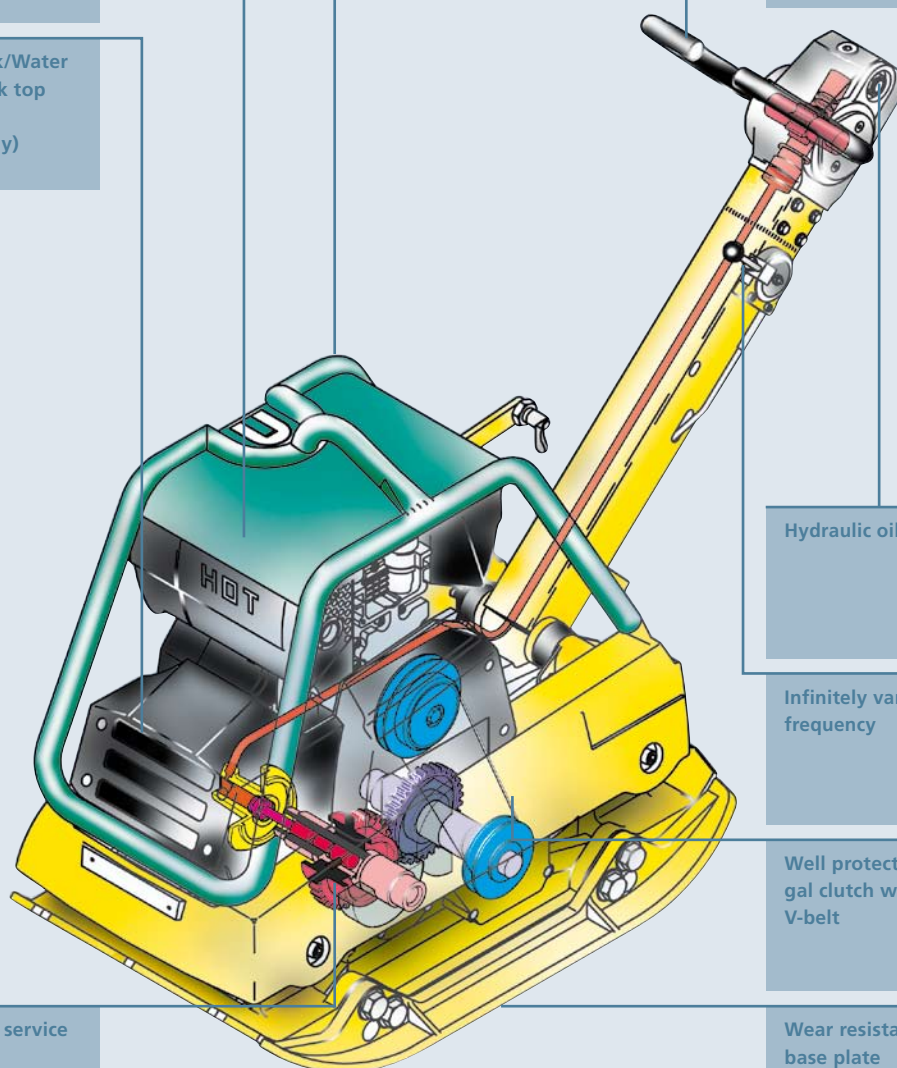
Hydraulic oil control point

Infinitely variable change of frequency

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

2-shaft exciter with long service intervals

Wear resistant and self cleaning base plate



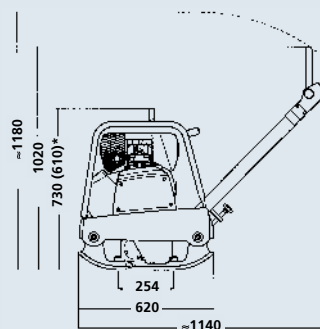


Technical Data

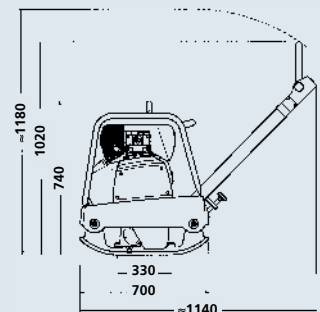
		AVP 2220	AVP 2220	AVP 2620	AVP 3020	AVP 3020	AVP 3520	AVP 3520
		Honda- petrol engine	Hatz- diesel engine	Hatz- diesel engine	Honda- petrol engine	Hatz- diesel engine	Honda- petrol engine	Hatz- diesel engine
Operating weight	kg	100	115	130 / 135	190 / 205	220 / 230	240/255	265/280
Working width	cm	40	40	38 or 50	50 or 70	50 or 70	45 or 60	45 or 60
Engine		Honda	Hatz	Hatz	Honda	Hatz	Honda	Hatz
Model		GX 120	1 B 20	1 B 20	GX 270	1 B 30	GX 270	1 B 30
Power	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
Speed	rpm	3600	3000	3000	3100	2900	3100	3000
Fuel	l	2,5	3,0	3,0	6,0	5,0	6,0	5,0
Fuel consumption	l/h	0,9	0,9	0,9	2,1	1,3	2,1	1,3
Centrifugal force up to	kN	22	22	24	30	30	38	38
Vibrating frequency up to	Hz	98	98	95	90	90	65	65
Compaction depth*	cm	20	25	38 cm: 30 50 cm: 25	50 cm: 35 70 cm: 30	50 cm: 35 70 cm: 30	50	50
Operating speed max.	m/min	0 - 25	0 - 25	38 cm: 0 - 23 50 cm: 0 - 21	50 cm: 0 - 22 70 cm: 0 - 19	50 cm: 0 - 22 70 cm: 0 - 19	0-26	0-26
max. gradeability	%	35	35	35	36	35	35	35
max. gradient	°	20	30	30	20	30	20	30
Surface capacity	m²/h	600	600	38 cm 530 50 cm 630	50 cm 660 70 cm 800	50 cm 660 70 cm 800	45 cm 700 60 cm 936	45 cm 700 60 cm 936
Optional equipment:								
Transport wheels		x	x	x	x	x	—	—
Vulcolan mat		x	x	x	x	x	x	x
Cover		x	x	x	x	x	x	x
Water sprinkler system (watertank 8 l)		—	—	x	—	—	—	—
Electric starter		—	—	—	—	x	—	x

*According to nature of soil

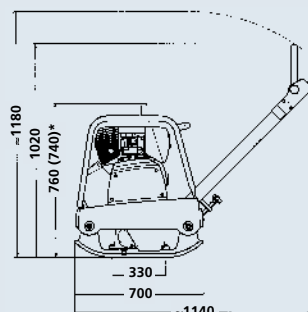
Specifications are subject to change due to technical improvements.



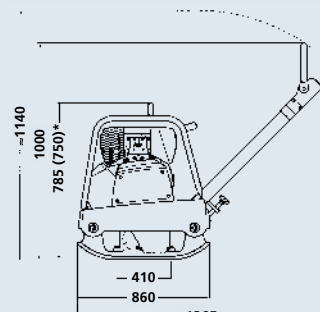
AVP 2220 (*with Honda)



AVP 2620



AVP 3020 (*with Honda)



AVP 3520 (*with Honda)

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