



Machines

Single Directional Vibratory Plates 54 – 117 kg
AVP 1033/1040/1240/1250/1850

www.ammann-group.com



Universal Application





Easy Transport

Effortless to work with

Model **AVP 1033** is the lightest unit in this range and ideally suited for compaction work in very confined spaces, laying of light paving stones and light to medium road repair work (an optional water sprinkler system with 5 liter capacity is available). Garden- and Landscape contractors as well as home owners are using model AVP 1033 in various applications. With the foldable handle and an operating weight of only 54 kg this unit is easy to be transported even in the trunk of a passenger car.

Alternatively we offer the model **AVP 1040** with a working width of 40 cm and an operating weight of 56 kilos – an ideal completion for bigger surfaces.

Model **AVP 1240** : A vibrating plate for universal application with an operating width of 40 cm. This handy and versatile unit is available with Honda and Subaru petrol engine or alternatively with Yanmar diesel power. The unit has been designed to work in confined spaces on soil as well as on asphalt. The range of application includes light to medium sized patchwork and along obstacles such as curbs or retaining walls (a water sprinkler system with a 10 liter capacity water tank is available as an option).



Laying of paving stones
(vulcan mat as option available)



Convenient handling and transportation with the foldable handle-the unit fits even in the trunk of a passenger car- or on site by using the optional transport wheels.

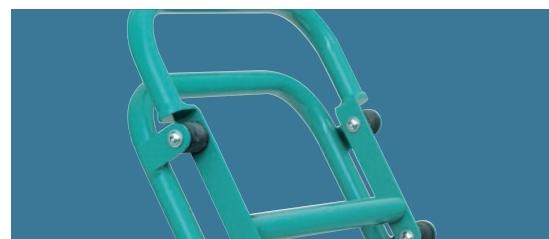
The **AVP 1240** with Honda petrol engine can be equipped optionally with a **straight handle**. This allows a turning of the machine in confined areas without bumping against the walls with the rear part resp. with the handle. Transport wheels cannot be fitted on this special version.

Model **AVP 1250** is specifically designed for work on bituminous material. It is equipped with a particularly formed base plate to ensure the highest results on black top. Together with an optional water sprinkler system (water tank capacity 10 liter) the AVP 1250 is the number one choice for asphalt contractors.

Model **AVP 1850** represents the ideal all-round compaction plate in this class of single directional plates. The unit is suitable for compaction work in soil, gravel and sand, on paving stones and on black top. A choice of three different engines is available: Honda petrol engine, Hatz diesel engine or Lombardini diesel engine. The guide handle is foldable and can be removed from the machine.

Low Vibration Guide Handle: Our answer to the constant topic of Hand-Arm-Vibration. With the new vibration isolating handle from Ammann (patent applied for) the hand arm vibrations (the expected accelerations ref. DIN ISO EN 5349) are reduced as follows:

		AVP 1240	AVP 1250	AVP 1850
		all engine versions		
Standard handle	around	6,2 m/s ²	7,1 m/s ²	8,0 m/s ²
Vibration isolated handle	around	3,4 m/s ²	2,1 m/s ²	3,3 m/s ²



You will like our product series of single directional vibratory plates

Here are all the benefits on one page

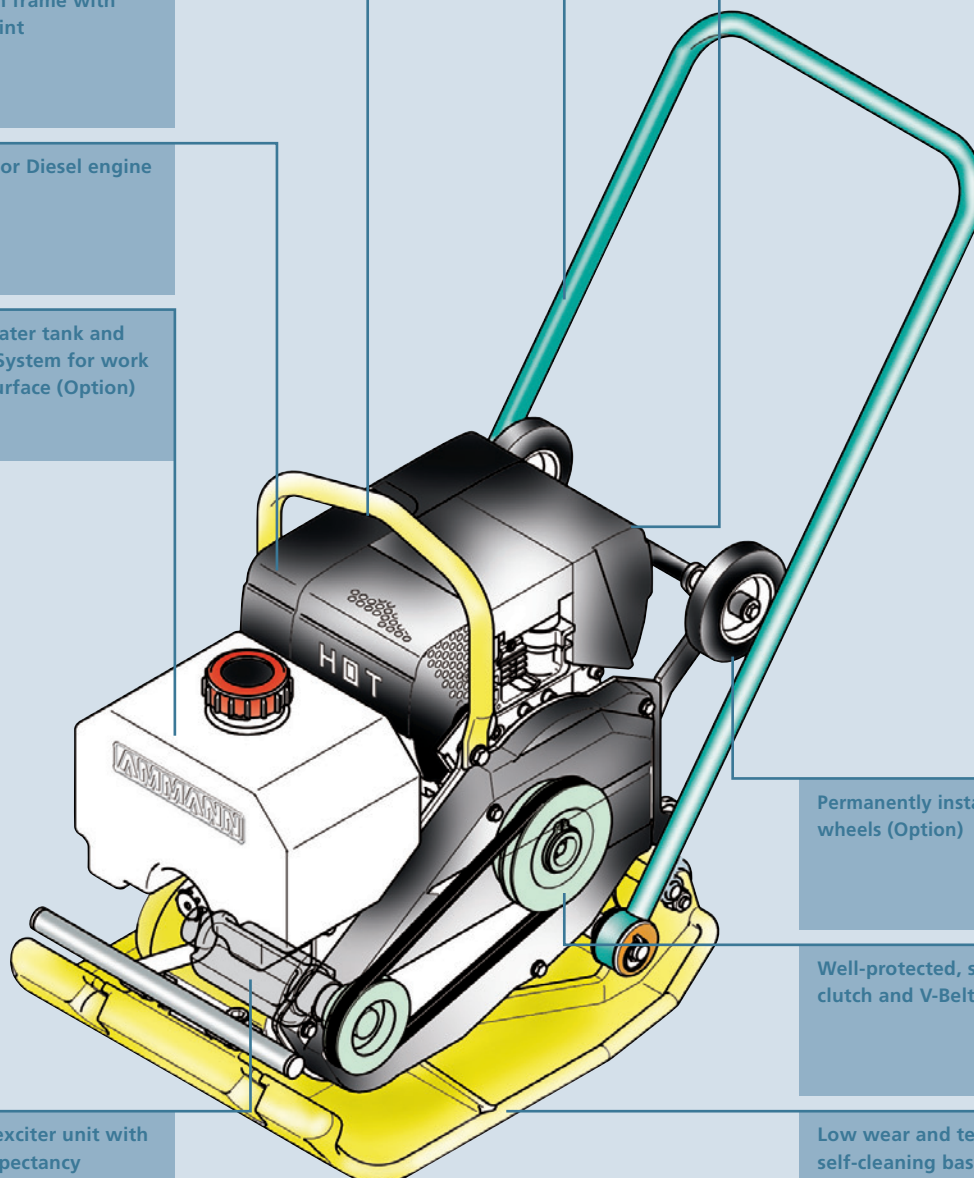
Operator friendly and vibration isolated guide handle. Guide handle is foldable and removable- for ease of transportation or compaction work in confined areas

Sturdy protection frame with central lifting point

Powerful Petrol- or Diesel engine

Corrosion free water tank and Water Sprinkler System for work on bituminous surface (Option)

Infinitely variable frequency adjustment



Permanently installed transport wheels (Option)

Well-protected, sturdy centrifugal clutch and V-Belt

Service friendly exciter unit with expanded life expectancy

Low wear and tear and self-cleaning base plate

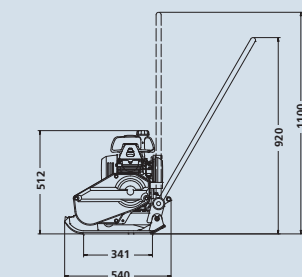


Technical Data

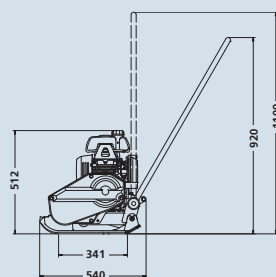
		AVP 1033	AVP 1040	AVP 1240	AVP 1240	AVP 1250	AVP 1850	AVP 1850	AVP 1850
		Honda Petrol	Honda Petrol	Honda + Subaru Petrol	Yanmar Diesel	Honda + Subaru Petrol	Honda Petrol	Hatz Diesel	Lombardini Diesel
Operating weight	kg	54	56	70	88	75	100	117	112
Working width	mm	330	400	400	400	500	500	500	500
Engine		Honda	Honda	Honda/Subaru	Yanmar	Honda/Subaru	Honda	Hatz	Lombardini
Model		GX 100	GX 100	GX 120/EX 13	L 48 AE	GX 120/EX 13	GX 160	1 B 20	15 LD 225
Power	HP/kW	3,0/2,2	3,0/2,2	4,0/2,9 4,4/3,2	4,3/3,2	4,0/2,9 4,4/3,2	5,0/3,7	4,2/3,1	4,2/3,1
Speed	U/min.	3600	3600	3600 / 3600	3200	3600 / 3600	3200	3000	3000
Vibration frequency up to	Hz	100	100	98	98	98	85	85	85
Centrifugal force up to	KN	10,5	10,5	12,0	12,0	12,0	18,0	18,0	18,0
Drive velocity max.	m/min.	22	22	20	20	20	20	20	20
Gradeability	%	30	30	30	30	30	30	30	30
Max. incline to all sides	°	20	20	20	20	20	20	20	20
Working surface	m²	0,11	0,136	0,14	0,14	0,18	0,2	0,2	0,2
Optional equipment:									
Transport wheels		—	—	x	x	x	x	x	x
Vulcolan mat		—	—	x	x	x	x	x	x
Water sprinkler system		x	x	x	x	x	x	x	x
Capacity of water tank	l	5	5	10	5	10	10	10	10
Low Vibration handle		—	—	x	x	x	x	x	x
Max. compaction depth*	cm	10	10	15	18	13	20	25	25

*depending on ground conditions

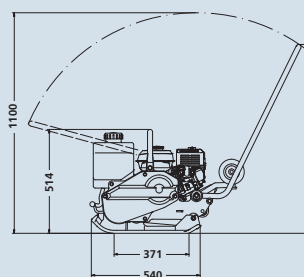
Specifications are subject to change due to technical improvements.



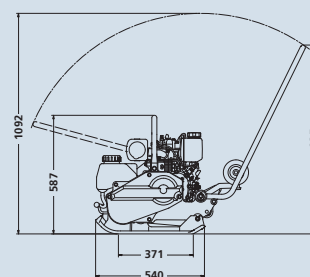
AVP 1033



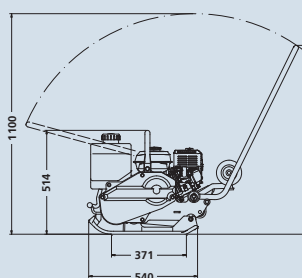
AVP 1040



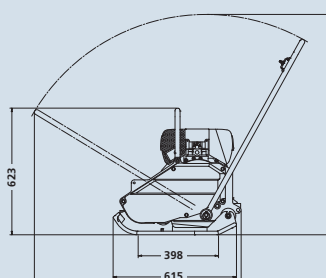
AVP 1240 Honda/Subaru



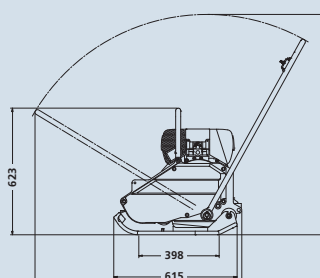
AVP 1240 Yanmar



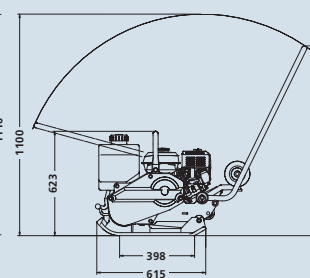
AVP 1250 Honda/Subaru



AVP 1850 Honda



AVP 1850 Hatz



AVP 1850 Lombardini

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