

# APH SERIES

## HYDROSTATIC VIBRATORY PLATES



### LEADING IN PRODUCTIVITY AND OPERATOR COMFORT

The new APH Series align with the Ammann promise to provide highly productive compaction tool while setting new standard in operator safety. New vibration isolated hand guide with improved buffer system gives the operator optimal machine control while directing vibrations away from the operator and into the ground. HAV values of  $2.5 \text{ m/sec}^2$  are an industry low and proof Ammann's commitment to operator safety.

#### PRODUCTIVITY

##### Large compaction forces

Strong amplitudes results in compaction output with a high depth effect.

##### Fully hydraulic drive

Best in class machine control.

##### Tripple-shaft technology

Industry leading gradeability and optimal operation even on wet and cohesive substrate.

#### ERGONOMICS

##### Low-vibration guide handle

Industry-leading HAV values below  $2.5 \text{ m/sec}^2$  protect operator and eliminate need for time-consuming record keeping.

##### Orbitrol control

Assures accurate work possible despite the machine's size.

##### Fixation points

The machine's frame design enables easier machine fixation and higher safety during transport.

#### SERVICEABILITY

##### Daily maintenance possible without tools

Tool-free daily maintenance operations improve machine uptime.

##### Unrestricted access to engine

A large wide opening hood enables easy access to the engine.

##### Hydraulic drive

Reduced wear and tear with no centrifugal clutch and V belt.

#### APPLICATIONS

- Soil/earthwork
- Set paved roads/paving stones
- Trench work
- Road construction
- Foundation work
- Civil engineering
- Landscaping

**AMMANN**

TECHNICAL SPECIFICATIONS  
APH SERIES HYDROSTATIC VIBRATORY PLATES

**WEIGHT  
& DIMENSIONS**



	<b>APH 50/75</b> Diesel	<b>APH 55/75</b> Diesel	<b>APH 60/85</b> Diesel	<b>APH 65/85</b> Diesel	<b>APH 85/95</b> Diesel	<b>APH 85/95</b> Petrol	<b>APH 110/95</b> Diesel	<b>APH 1000 TC</b> Diesel
MACHINE WEIGHT	357 kg (787 lb)	358 kg (789 lb)	472 kg (1041 lb)	491 kg (1082 lb)	760 kg (1676 lb)	740 kg (1631 lb)	825 kg (1830 lb)	747 kg (1647 lb)
WORKING WIDTH	600 / 750 mm (23.6 / 29.5 in)	600 / 750 mm (23.6 / 29.5 in)	700 / 850 mm (27.6 / 33.5 in)	700 / 850 mm (27.6 / 33.5 in)	650 / 800 / 950 mm (25.6 / 31.5 / 37.4 in)	650 / 800 / 950 mm (25.6 / 31.5 / 37.4 in)	650 / 800 / 950 mm (25.6 / 31.5 / 37.4 in)	650 / 800 mm (26.6 / 31.5 in)

**ENGINE**

ENGINE	Hatz Supra 1D50S	Hatz Supra 1D50S	Hatz Supra 1D81S	Hatz 1D81S	Kubota D902	Briggs & Stratton V-Twin 5434	Kubota D1105	Hatz 1D90V
FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Petrol	Diesel	Diesel
ENGINE OUTPUT	9.5 HP / 7 kW	9.5 HP / 7 kW	13.4 HP / 10 kW	13.7 HP / 10.1 kW	13.4 kW	17.8 kW	23.8 HP / 17.5 kW	14.8 HP / 10.9 kW
AT RPM	3200 rpm	3200 rpm	3000 rpm	3000 rpm	2600 rpm	2600 rpm	3000 rpm	3000 rpm
FUEL CONSUMPTION	1.7 l/h (0.45 gal/h)	1.7 l/h (0.45 gal/h)	2.5 l/h (0.66 gal/h)	2.5 l/h (0.66 gal/h)	3.3 l/h (0.87 gal/h)	3.5 l/h (0.92 gal/h)	4 l/h (1.1 gal/h)	2.5 l/h (0.6 gal/h)

**COMPACTION FORCES**

MAX. VIBRATION FREQUENCY	70 Hz (4200 vpm)	70 Hz (4200 vpm)	69 Hz (4140 vpm)	55 Hz (3300 vpm)	52 Hz (3120 vpm)	52 Hz (3120 vpm)	48 Hz (2880 vpm)	46 Hz (2760 vpm)
MAX. CENTRIFUGAL FORCE	50 kN (11 240 lbf)	55 kN (12 364 lbf)	60 kN (13 488 lbf)	65 kN (14 612 lbf)	85 kN (19 109 lbf)	85 kN (19 109 lbf)	110 kN (24 729 lbf)	63 kN (14 163 lbf)

**MISCELLANEOUS**

OPERATING SPEED	25 m/min (0.93 mph)	27 m/min (1.01 mph)	28 m/min (1.04 mph)	32 m/min (1.19 mph)	31 m/min (1.16 mph)	29.5 m/min (1.1 mph)	36 m/min (1.3 mph)	28 m/min (1 mph)
TANK CAPACITY	5 l (1.3 gal)	5 l (1.3 gal)	7 l (1.8 gal)	7 l (1.8 gal)	10 l (2.6 gal)	10 l (2.6 gal)	16.5 l (4.4 gal)	10 l (2.6 gal)
OPERATING SPEED	36 %	36 %	36 %	36 %	36 %	36 %	36 %	35 %
TANK CAPACITY	30°	30°	30°	30°	30°	30°	30°	25°

**OPTIONS**

	75 mm / 150 mm (3 in / 5.9 in)	75 mm / 150 mm (3 in / 5.9 in)	75 mm / 150 mm (3 in / 5.9 in)	75 mm / 150 mm (3 in / 5.9 in)	75 mm / 150 mm (3 in / 5.9 in)	75 mm / 150 mm (3 in / 5.9 in)	75 mm / 150 mm (3 in / 5.9 in)	75 mm (2.9 in)
EXTENSION PLATES								
OPERATION HOUR METER	x	x	x	x	x	x	x	-
ELECTRIC STARTER	x	x	x	x	x	x	x	x
EMERGENCY STOP	x	x	x	x	x	x	x	-
ACE <sup>econ</sup>	x	x	x	x	x	x	Standard	-
ACE <sup>force</sup>	-	-	-	x	x	x	-	-
WORKING LIGHTS	-	-	-	-	-	-	Standard	-

x = available / - = not available