

APH 85/95

HYDROSTATIC VIBRATORY PLATE



A HEAVY HITTER

The weight of the APH 85/95 combines with the industry-leading triple-shaft exciter system to provide performance, climbing ability and responsiveness. The vibratory plate is available with a petrol or diesel engine. The petrol version weighs in at 740 kg (1631 lb), the diesel version at 760 kg (1676 lb). Several options, such as extension plates, operation hour meter and dead man's handle, allow for customisation to make the plate fit your particular needs. The optional ACE compaction measuring system is another key tool many contractors utilise in efforts to achieve thorough, efficient compaction results.

PRODUCTIVITY

Triple-shaft technology

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

Superior compaction performance

Powerful vibratory unit that generates high compaction output for fast compaction and consistent coverage.

Fully hydraulic drive

Best-in-class machine control with high accuracy, even in confined areas.

ACE Intelligent Compaction System

Exceptional tool that delivers optimal compaction efficiency.

ERGONOMICS

Low-vibration guide handle

Industry-leading HAV values below 2.5 m/sec² protect operator and eliminate need for time-consuming record keeping.

Convenient orbitrol control

Ergonomically optimized for perfect machine control during working shift.

Secure transport

Simple machine fixation and higher safety during transport.

SERVICEABILITY

Tool-free daily inspection

Daily maintenance possible without tools.

Hydraulic drive

Reduced wear and downtime than conventional mechanical drive.

Protective frame and covers

Protects all key components against damage on the jobsite or during transport.

APPLICATIONS

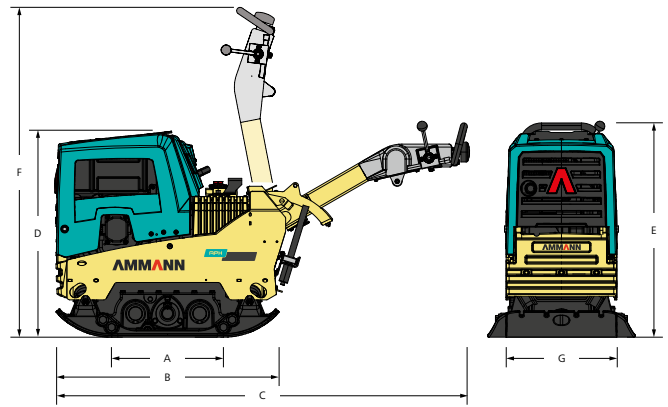
- Soil/earthwork
- Set paved roads/paving stones
- Trench work
- Road construction
- Foundation work
- Civil engineering
- Landscaping

AMMANN

TECHNICAL SPECIFICATIONS
APH 85/95 HYDROSTATIC VIBRATORY PLATE

WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	740 kg (1631 lb) Petrol 760 kg (1676 lb) Diesel
A BASE PLATE LENGTH	520 mm (20.5 in)
B MACHINE LENGTH	1070 mm (42.1 in)
C WITH HANDLE	1965 mm (77.4 in)
D MACHINE HEIGHT	910 mm (35.8 in)
E HANDLE HEIGHT (WORK)	1000 mm (39.4 in)
F HANDLE HEIGHT (TRANSPORT)	1500 mm (59.1 in)
G MACHINE WIDTH	650/800/950 mm (25.6/31.5/37.4 in)



ENGINE

ENGINE	Briggs & Stratton V-Twin 5434	Kubota D902
FUEL	Petrol	Diesel
ENGINE OUTPUT AT RPM	23.9 HP / 17.8 kW 2600 rpm	18 HP / 13.4 kW 2600 rpm
FUEL CONSUMPTION	3.5 l/h (0.92 gal/h)	3.3 l/h (0.87 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	52 Hz (3120 vpm)	52 Hz (3120 vpm)
MAX. CENTRIFUGAL FORCE	85 kN (19 109 lbf)	85 kN (19 109 lbf)
WORKING SURFACE BASIC UNIT	1682 m ² /h (18100 ft ² /h)	1767 m ² /h (19020 ft ² /h)
MAX SURFACE PRESSURE	25,1 N/cm ² (36,5 psi)	25,1 N/cm ² (36,5 psi)
AMPLITUDE	4.1 mm	4.1 mm

MISCELLANEOUS

OPERATING SPEED	31 m/min (1.2 mph)	31 m/min (1.16 mph)
TANK CAPACITY	16 l (4,4 gal)	10 l (2.6 gal)
GRADEABILITY	36%	36%
MAX. INCLINE TO ALL SIDES	30°	30°

STANDARD EQUIPMENT

- Ammann unique tripple shaft exciter system
- Vibration isolated handle bar, ergonomically adjustable and lockable
- Orbitrol system providing optimal drive control
- Protective casing: Protects functional components against dirt and damage, offers easy accessibility for service
- Powerful, air cooled and silenced hatz diesel engines with oil alert system and low emission values
- Electric starter and emergency stop
- 3 year extended warranty program



OPTIONAL EQUIPMENT

- Extension plates (2 × 75 mm & 2 × 150 mm)
- Operation hour meter
- Compaction control system ACE^{eco}