

APH 85/95

HYDROSTATIC VIBRATORY PLATE

APPLICATIONS

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



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.

OPTIONAL EQUIPMENT

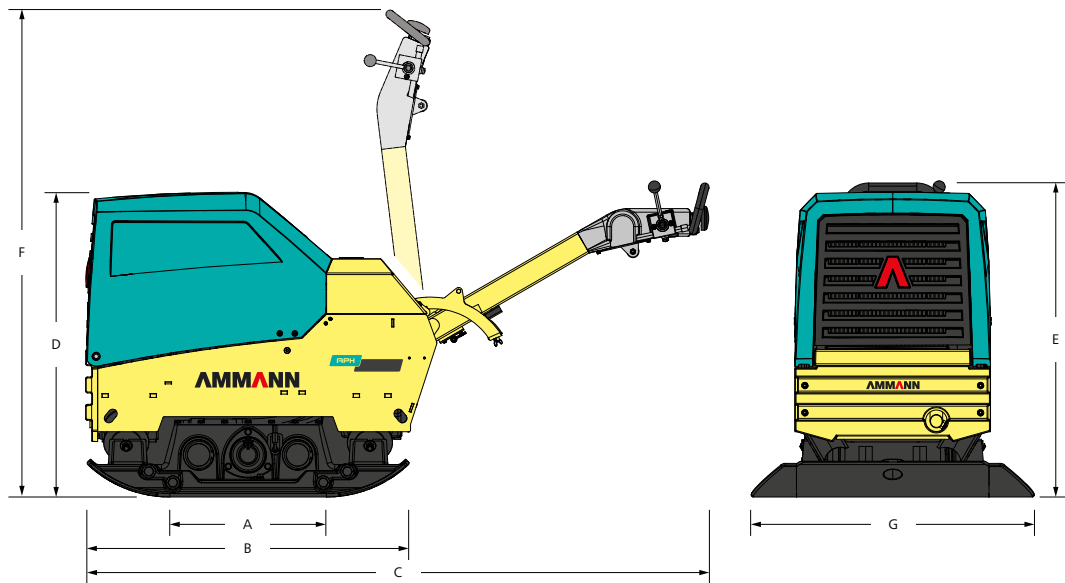
- Extension plates (2 × 75 mm & 2 × 150 mm)
- Operation hour meter
- Compaction control system ACE

STANDARD EQUIPMENT

- Ammann unique triple 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 engine with oil alert system and low emission values
- Electric starter and emergency stop
- 3 year extended warranty program

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Hydrostatic Vibratory Plate



WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	690 kg (1521 lb)
MAX. OPERATING WEIGHT	742 kg (1635 lb)
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	Kubota D902-E4B-AMN-2 1J957-37000
FUEL	Diesel
ENGINE OUTPUT	21.6 HP / 16.1 kW
AT RPM	3200 rpm
FUEL CONSUMPTION	3.3 l/h (0.87 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	52 Hz (3120 vpm)
MAX. CENTRIFUGAL FORCE	85 kN (19 109 lbf)
WORKING SURFACE BASIC UNIT	1767 m ² /h (19020 ft ² /h)
MAX SURFACE PRESSURE	25,1 N/cm ² (36,5 psi)
AMPLITUDE	4.1 mm (0.2 in)

MISCELLANEOUS

OPERATING SPEED	31 m/min (1.2 mph)
TANK CAPACITY	16.5 l (4.5 gal)
GRADEABILITY	36%
MAX. INCLINE TO ALL SIDES	30°

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For additional product information and services please visit: www.ammann.com
Materials and specification data are subject to change without notice.
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