

APH 60/85

HYDROSTATIC VIBRATORY PLATE



TRUSTED AND RELIABLE

Weighing in at 475 kg (1067 lb), the APH 60/85 features a twin-shaft exciter system with the efficient and powerful compaction it brings. The machine is highly reliable and trusted in the marketplace because of its robust design and long component life. The plates can be operated easily and comfortably, even in tight areas, and work well around obstacles such as columns and in cohesive materials. The machine also is smooth when changing directions.

PRODUCTIVITY

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

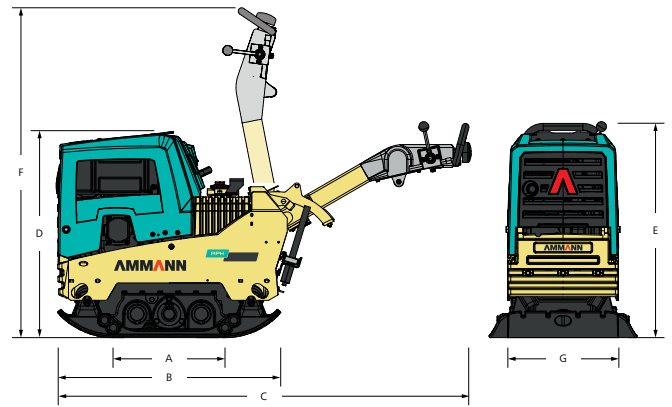
- Soil/earthwork
- Set paved roads/paving stones
- Trench work
- Road construction
- Foundation work
- Civil engineering
- Landscaping

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TECHNICAL SPECIFICATIONS
APH 60/85 HYDROSTATIC VIBRATORY PLATE

WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	464 kg (1023 lb)
A BASE PLATE LENGTH	470 mm (18.5 in)
B MACHINE LENGTH	930 mm (36.6 in)
C WITH HANDLE	1840 mm (72.4 in)
D MACHINE HEIGHT	905 mm (35.6 in)
E HANDLE HEIGHT (WORK)	1000 mm (39.4 in)
F HANDLE HEIGHT (TRANSPORT)	1500 mm (59.1 in)
G MACHINE WIDTH	550/700/850 mm (21.7/27.6/33.5 in)



ENGINE

ENGINE	Hatz Supra 1D81S
FUEL	Diesel
ENGINE OUTPUT AT RPM	13.5 HP / 10.1 kW
FUEL CONSUMPTION	2.5 l/h (0.66 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	69 Hz (4140 vpm)
MAX. CENTRIFUGAL FORCE	60 kN (13 488 lbf)
WORKING SURFACE BASIC UNIT	1428 m ² /h (15 371 ft ² /h)
MAX SURFACE PRESSURE	23,2 N/cm ² (33,7 psi)
AMPLITUDE	1.9 mm (0.1 in)

MISCELLANEOUS

OPERATING SPEED	28 m/min (1.04 mph)
TANK CAPACITY	7 l (1.8 gal)
GRADEABILITY	36%
MAX. INCLINE TO ALL SIDES	30°



STANDARD EQUIPMENT

- 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
- Hydrostatic driven 2-shaft exciter system
- 3 year extended warranty program

OPTIONAL EQUIPMENT

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