

APH 65/85

HYDROSTATIC VIBRATORY PLATE

CLIMBING AND PERFORMING

The APH 65/85 is another powerful worker that delivers compaction force every step of the way. The plate is equipped with the market-leading Ammann three-shaft exciter system, which not only enables performance and climbing ability but also makes the machine more responsive and easier to handle for the operator. The APH 65/85 weighs in at 471 kg (1038 lb). The optional ACE compaction measuring system is a 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 65/85 HYDROSTATIC VIBRATORY PLATE

WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	471 kg (1038 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

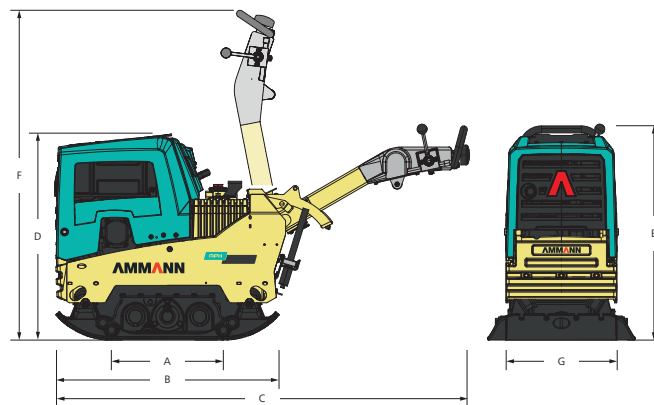
ENGINE	Hatz 1D81S
FUEL	Diesel
ENGINE OUTPUT AT RPM	13.5 HP / 10.1 kW 3000 rpm
FUEL CONSUMPTION	2.5 l/h (0.66 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	55 Hz (3300 vpm)
MAX. CENTRIFUGAL FORCE	65 kN (14 612 lbf)
WORKING SURFACE BASIC UNIT	1632 m ² /h (17,567 ft ² /h)
MAX SURFACE PRESSURE	25,1 N/cm ² (36,5 psi)
AMPLITUDE	3.9 mm

MISCELLANEOUS

OPERATING SPEED	32 m/min (1.19 mph)
TANK CAPACITY	7 l (1.8 gal)
GRADEABILITY	36%
MAX. INCLINE TO ALL SIDES	30°



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 engines with oil alert system and low emission values
- 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}