

# 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 AP 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/sec<sup>2</sup> 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

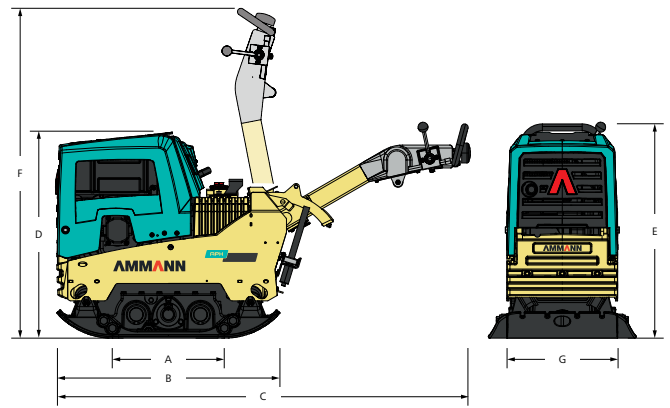
- Soil/earthwork
- Set paved roads/paving stones
- Trench work
- Road construction
- Foundation work
- Civil engineering
- Landscaping

**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 <sup>2</sup> /h (17,567 ft <sup>2</sup> /h)
MAX SURFACE PRESSURE	25,1 N/cm <sup>2</sup> (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<sup>eco</sup>