

# APH 55/75

## HYDROSTATIC VIBRATORY PLATE



### COMPACTION POWER COMBINED WITH CLIMBING ABILITY

This hydrostatic vibratory plate compactor distinguishes itself with its high compaction power and climbing ability. 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 turn. The APH 55/75 weighs in at 365 kg (805 lb). Several options make the plate fit your particular needs.

#### 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 55/75 HYDROSTATIC VIBRATORY PLATE

## WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	362 kg (798 lb)
A BASE PLATE LENGTH	450 mm (17.7 in)
B MACHINE LENGTH	900 mm (35.4 in)
C WITH HANDLE	1600 mm (63.0 in)
D MACHINE HEIGHT	820 mm (32.3 in)
E HANDLE HEIGHT (WORK)	1000 mm (39.4 in)
F HANDLE HEIGHT (TRANSPORT)	1500 mm (59.1 in)
G MACHINE WIDTH	450/600/750 mm (17.7/23.6/29.5 in)

## ENGINE

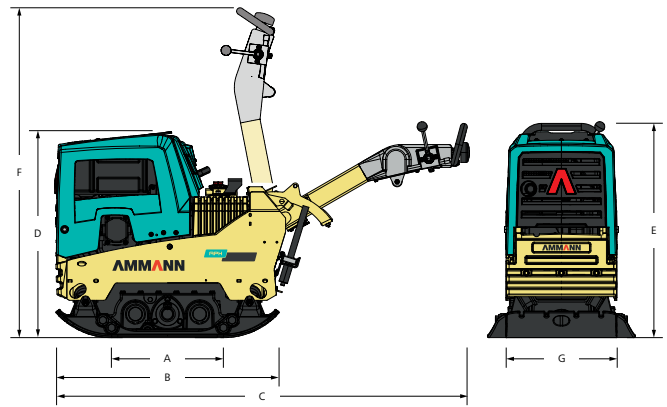
ENGINE	Hatz Supra 1D50S
FUEL	Diesel
ENGINE OUTPUT AT RPM	9.4 HP / 7 kW 3200 rpm
FUEL CONSUMPTION	1.7 l/h (0.45 gal/h)

## COMPACTION FORCES

MAX. VIBRATION FREQUENCY	70 Hz (4200 vpm)
MAX. CENTRIFUGAL FORCE	55 kN (12 364 lbf)
WORKING SURFACE BASIC UNIT	1215 m <sup>2</sup> /h (13,078 ft <sup>2</sup> /h)
MAX SURFACE PRESSURE	27,2 N/cm <sup>2</sup> (39,4 psi)
AMPLITUDE	2.3 mm

## MISCELLANEOUS

OPERATING SPEED	27 m/min (1.01 mph)
TANK CAPACITY	5 l (1.3 gal)
GRADEABILITY	36%
MAX. INCLINE TO ALL SIDES	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
- 3 year extended warranty program

## OPTIONAL EQUIPMENT

- Extension plates (2x 75 mm & 2x 150 mm)
- Operation hour meter
- Electric starter and emergency stop
- Compaction control system ACE<sup>eco</sup>