

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/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
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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

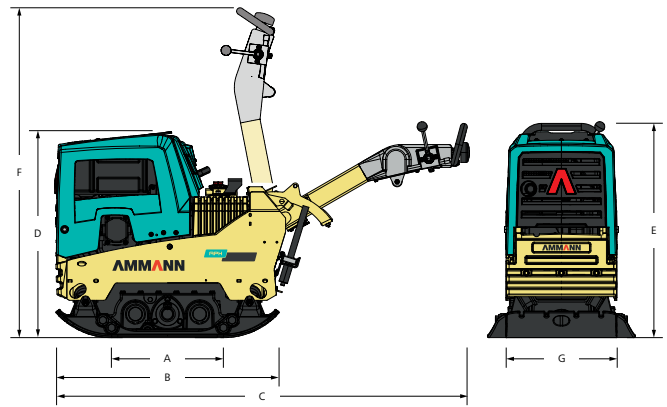
ENGINE	Hatz Supra 1D50S
FUEL	Diesel
ENGINE OUTPUT AT RPM	9.4 HP / 7 kW 3200 rpm
FUEL CONSUMPTION	1.7 l/h (0.45 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	70 Hz (4200 vpm)
MAX. CENTRIFUGAL FORCE	55 kN (12 364 lbf)
WORKING SURFACE BASIC UNIT	1215 m ² /h (13,078 ft ² /h)
MAX SURFACE PRESSURE	27,2 N/cm ² (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^{eco}