

APH 110/95

HYDROSTATIC VIBRATORY PLATE



THE SUPERIOR VIBRATORY PLATE COMING FROM AMMANN

The APH 110/95 is the premiere vibratory plate compactor in the Ammann lineup. At 825 kg (1830 lb), it is the heaviest plate available. Its dimensions and high compaction forces enable the APH 110/95 to equal the output of a 7 t soil compactor. The vibratory plate features the Ammann triple-shaft exciter system that enables superior compaction and climbing ability while keeping the machine easy to handle. Many other equipment such as ACE^{econ} are already built in the standard machine, making the APH 110-95 a machine for the toughest jobs.

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 110/95 HYDROSTATIC VIBRATORY PLATE

WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	825 kg (1830 lb)
A BASE PLATE LENGTH	520 mm (20.5 in)
B MACHINE LENGTH	1070 mm (42.1 in)
C WITH HANDLE	1965 mm (77.4 in)
D MACHINE HEIGHT	1000 mm (39.4 in)
E HANDLE HEIGHT (WORK)	1200 mm (46 in)
F HANDLE HEIGHT (TRANSPORT)	1600 mm (63 in)
G MACHINE WIDTH	650 mm (26 in)
WITH EXTENSION PLATES	800/950 mm (31/37 in)

ENGINE

ENGINE	Kubota D1105
FUEL	Diesel
ENGINE OUTPUT AT RPM	23.5 HP / 17.5 kW 3000 rpm
FUEL CONSUMPTION	4 l/h (1.1 gal/h)

COMPACTION FORCES

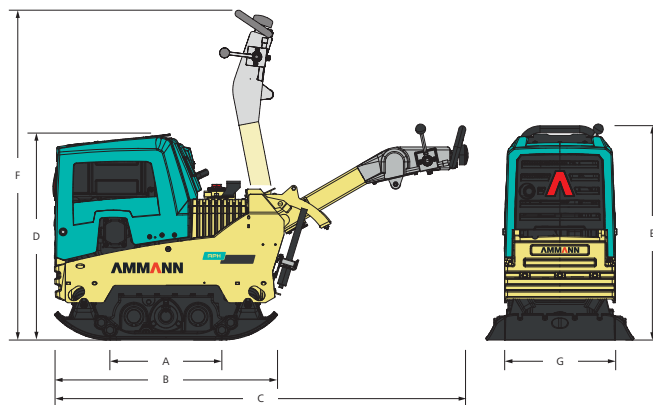
MAX. VIBRATION FREQUENCY	48 Hz (2900 vpm)
MAX. CENTRIFUGAL FORCE	110 kN
WORKING SURFACE BASIC UNIT	2052 m ² /h
MAX SURFACE PRESSURE	32,5 N/cm ²
AMPLITUDE	4.6 mm (0.2 in)

MISCELLANEOUS

OPERATING SPEED	36 m/min (1 mph)
TANK CAPACITY	16.5 l (4.4 gal)
GRADEABILITY	35%
MAX. INCLINE TO ALL SIDES	30°

STANDARD EQUIPMENT

- Ammann unique tripple shaft exciter system
- Ergonomic handle bar
- Orbitrol drive control
- Powerful, Kubota engine
- ACE^{econ} system
- Electric starter and emergency stop
- 3 year extended warranty program



OPTIONAL EQUIPMENT

- Lateral working lights
- Extension plates (2 x 75 mm & 2 x 150 mm)
- Operation hour meter