

eAPH 70/95

ELECTRIC VIBRATORY PLATE



APPLICATIONS

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

HIGHLIGHTS

eMission

- Zero-emission machine reduces ecological impact
- Battery-powered
- Maximum efficiency/economy
- No emissions, no air filters and reduced maintenance costs

Cleaner air

- Work in areas with poor ventilation
- Meet all emission standards

Electrically powered hydraulic drive

- Best-in-class machine control with high accuracy, even in confined areas
- Reduced wear and downtime vs. conventional mechanical drive

Orbitrol steering

- Ergonomically optimized for perfect machine control during working shift

Triple-shaft technology

- Industry-leading gradeability and optimal operation, even on wet and cohesive substrate

Tool-free daily inspection

- Daily maintenance possible without tools
- Wear-resistant, self-cleaning base plate

STANDARD EQUIPMENT

- Ammann's unique triple-shaft exciter system
- Vibration isolated handle bar, ergonomically adjustable and lockable
- Orbitrol system providing optimal drive control
- Hood: Protects functional components against dirt and damage, offers easy accessibility for service
- Emergency stop switch
- Operating hour meter
- 3 year extended warranty program

OPTIONAL EQUIPMENT

- Extension plates (75 mm/3.0 in & 150 mm/5.9 in)
- Compaction control system ACE
- Charger

TECHNICAL SPECIFICATIONS

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WEIGHT AND DIMENSIONS

MACHINE WEIGHT	750 kg (1653 lb)
MACHINE WEIGHT (INCL. OPTIONAL EXTENSION PLATES AND ACE)	803 kg (1770 lb)
WEIGHT CHARGER	32 kg (70.5 lb)
BASE PLATE LENGTH	1070 mm (42.1 in)
MACHINE LENGTH WITH HANDLE	1965 mm (77.4 in)
MACHINE HEIGHT	910 mm (35.8 in)
HANDLE HEIGHT (WORK MODE)	1000 mm (39.4 in)
HANDLE HEIGHT (TRANSPORT MODE)	1500 mm (59.1 in)
MACHINE WIDTH	650/800/950 mm (25.6/31.5/37.4 in)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	54 Hz (3240 rpm)
MAX. CENTRIFUGAL FORCE	70 kN (15 737 lbf)
MAX. SURFACE PRESSURE	14.2 N/cm ² (20.6 psi)

ENGINE

ENGINE	Inmotion GSM306
TYPE	3-Phase PMSM
MAX. CONSTANT ENGINE OUTPUT AT RPM	10.2 kW (13.7 HP) 2400

BATTERY

TYPE	Li-Ion-Battery
VOLTAGE	51.2 V(DC)
CAPACITY	9216 Wh / 180.0 Ah

CHARGER

CHARGER	Zivan SG3
TYPE	DC Charger
VOLTAGE (INPUT)	95 - 265 V(AC)
FREQUENCY (INPUT)	50/60 Hz
MAX. VOLTAGE (OUTPUT)	58.4 V(DC)
MAX. CURRENT (OUTPUT)	60 A(DC)
COMPATIBLE BATTERY	LiFePo4 180Ah