

APH 1000 TC

HYDROSTATIC VIBRATORY PLATE



THE REMOTE-CONTROLLED COMPACTION PLATE

The APH 1000 TC is an infrared remote-controlled hydrostatic compaction plate that is an exceptional performer in trenches and tight spaces thanks to its responsiveness, high compaction power and compact machine design. Operator security is one of the main features for this machine, assured by an emergency stop on the remote control and automatically shut off if a connection to the operator is lost or if the machine comes within 2 metres of the operator.

RELIABLE INFRARED TRANSMITTER

- Reliable infrared control allows machine operation from a safe distance
- Long lifetime battery with solar panels for working the extra hour
- Standard cable for machine connection included

TWO-SHAFT EXCITER UNIT

- Positioning of the exciter shafts enables the operator to easily change directions of the plate.
- Smooth variable hydrostatic unit allows machine to move easily in forward and reverse.
- Hovering and “on-the-spot” vibration can be utilised in particularly challenging areas.

HYDROSTATIC MACHINE

- First step starts the engine only, second step starts vibration. This leads to free wear drive with low maintenance costs

DURABLE, EASY TO MAINTAIN

- Best in class in servability thanks to wide opening service hoods.
- Service-friendly exciter unit with long lifetime.
- Wear-resistant, self-cleaning base plate.
- Sturdy protection frame with central lifting point.
- Excellent access to all components because of the foldable cover

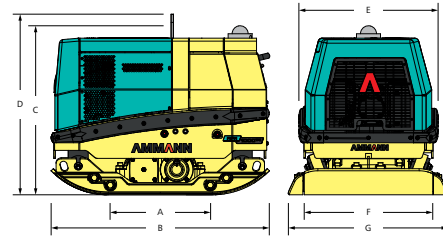
APPLICATIONS

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

TECHNICAL SPECIFICATIONS
APH 1000 TC HYDROSTATIC VIBRATORY PLATE

WEIGHT & DIMENSIONS

MACHINE WEIGHT BASIC UNIT	715 Kg (1576 lb)
WITH EXTENSION PLATES 75 MM	747 Kg (1643 lb)
A BASE PLATE LENGTH	520 mm (20.5 in)
B MACHINE LENGTH	1090 mm (42.9 in)
C MACHINE HEIGHT	845 mm (33.3 in)
D MACHINE HEIGHT (W. TRANSPORT HOOK)	910 mm (35.8 in)
E MACHINE WIDTH	696 mm (27.4 in)
F BASE PLATE WIDTH	650 mm (25.6 in)
G WITH EXTENSIONS	800 mm (31.5 in)



ENGINE

ENGINE	Hatz 1D90V
FUEL	Diesel
ENGINE OUTPUT	14.8 HP / 10.9 kW
AT RPM	3000
FUEL CONSUMPTION	2.5 l/h (0.6 gal/h)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	46 Hz (2760 vpm)
MAX. CENTRIFUGAL FORCE	63 kN (15.7 lbf)
WORKING SURFACE BASIC UNIT	1090 m ² /h (11733 ft ² /h)
WITH EXTENSIONS	1350 m ² /h (14531 ft ² /h)
MAX. COMPACTION DEPTH (DEPENDING ON GROUND CONDITIONS)	90 cm (35 in)

MISCELLANEOUS

OPERATING SPEED	28 m/min (1 mph)
TANK CAPACITY	10 l (2.2 gal)
GRADEABILITY	35 %
MAX. INCLINE TO ALL SIDES	25 °



STANDARD EQUIPMENT

- Infrared receiver for the remote control with a signal acknowledgement light
- Cable for remote control as alternative to infrared function
- IR control is solar charged and does not require a charger
- Extraordinary large air filter system with active dirt particle separation
- Aircooled Hatz Diesel engine with oil alert system: powerful and low emissions values
- Electric starter
- 3 year extended warranty program

OPTIONAL EQUIPMENT

- Operation hour meter
- Extension plates