

Technical data

Machine data

FP 100	Honda
Engine	
Manufacture/Model	Honda GX 160, 4-stroke
Power, kW (hp)	4.1 (5.6)
Rated speed, r.p.m.	3,600
Idling, r.p.m.	1,400
Compaction data	
Vibration frequency, Hz (r.p.m.)	95 (5700)
Amplitude, mm (in.)	0.85 (0.03)
Centrifugal force, kN (lbf)	17 (3,822)
Performance	
Operating speed, m/min (feet/min)	25 (82)
Max tilt, ° (%)	20° (30%)
Fluid volumes	
Fuel tank capacity, litres (qts)	3.6 (3.8)
Crank case, litres (qts)	0.6 (0.63)
Fuel consumption, litres/hour (qts/h)	1.21 (1.28)
Water tank for asphalt, litres/hour (qts/h)	13 (13.7)
Lubricants	
Fuel type	Petrol (gasoline). Use unleaded petrol of standard quality.
Engine oil	Shell Rimula R4 L 15W-40
Grease, eccentric element	Kluber Asonic HQ72-102

Weights

FP 100	Honda
Net weight, kg (lbs)	93.1 (205.3)
Operating weight EN500, kg (lbs)	94.5 (208.3)

Weights for options

FP 100	Honda
Protective frame, kg (lbs)	3.9 (8.6)
Sprinkler system with protective frame, Net weight, kg (lbs)	5.9 (9.5)
Sprinkler system with protective frame, Operating weight EN500, kg (lbs)	12.4 (27.3)
Transport wheel, kg (lbs)	5.4 (11.9)
Block paving set, kg (lbs)	4.2 (9.6)
Lifting handle, kg (lbs)	0.6 (1.3)
Lifting tackle for truck fork with protective frame, kg (lbs)	4.2 (9.3)

Noise and vibration declaration statement

Guaranteed sound power level **L_w** according to EN ISO 3744 in accordance with directive 2000/14/EC.

Sound pressure level **L_p** according to EN ISO 11201, EN 500-4:2011.

Vibration value determined according to EN 500-4:2011. See table "Noise and vibration data" for the values etc.

These declared values were obtained by laboratory type testing in accordance with the stated directive or standards and are suitable for comparison with the declared values of other machines tested in accordance with the same directive or standards. These declared values are not suitable for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, in what material the machine is used, as well as upon the exposure time and the physical condition of the user, and the condition of the machine.

We, Construction Tools EOOD, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.

This machine may cause hand-arm vibration syndrome if its use is not adequately managed. An EU guide to managing hand-arm vibration can be found at <http://www.humanvibration.com/humanvibration/EU/VIBGUIDE.html>

We recommend a programme of health surveillance to detect early symptoms which may relate to vibration exposure, so that management procedures can be modified to help prevent future impairment.

Noise and vibration data

	Noise			Vibration			
	Declared values			Declared values			
	Sound pressure	Sound power		Three axes values			
	EN ISO 11201	2000/14/EC		EN 500-4:2011			
Type	Lp at operator's ear	Lw guaranteed dB(A) rel 1pW	Lw measured dB(A) rel 1pW	m/s ² value		permitted working hours/day	
				Standard handle	Low vibration handle	Standard handle	Low vibration handle
FP 100	93	104	101	6	1.4	0.8	8

Permitted working hours per day are calculated on action value of 2.5 m/s² as per 2002/44/EC.

Uncertainties, sound value

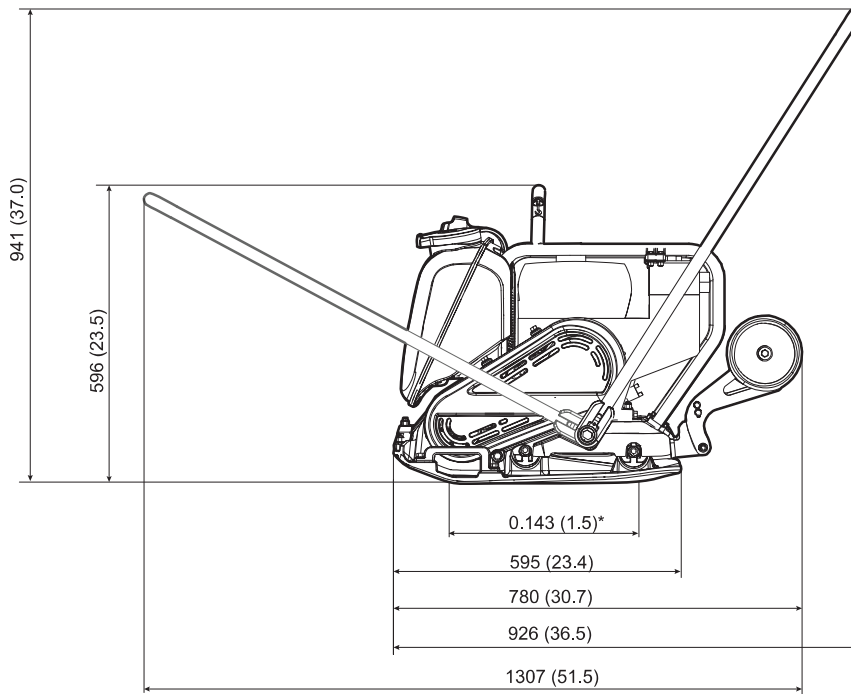
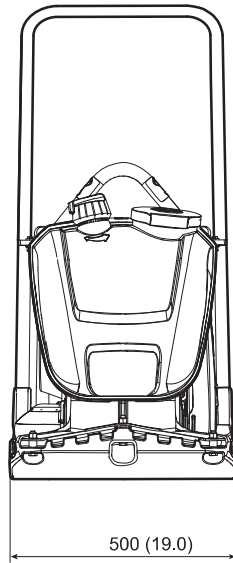
Type	Uncertainties, sound value	
	K _{WA} dB(A)	K _{PA} dB(A)
FP 100	1.5-2.5	2.5-3.0

Uncertainty factor for gravel bed.

Dimensions

mm (in.)

*Contact area, m²(sq feet).



EC Declaration of Conformity

EC Declaration of Conformity (EC Directive 2006/42/EC)

We, Construction Tools EOOD, hereby declare that the machines listed below conform to the provisions of EC Directive 2006/42/EC (Machinery Directive) and 2000/14/EC (Noise Directive), and the harmonised standards mentioned below.

Forward moving vibration plate	Guaranteed sound power level [dB(A)]	Measured sound power level [dB(A)]
FP 100	104	101

Following harmonised standards were applied:

- ◆ EN500-1:2006+A1:2009
- ◆ EN500-4:2011

Following other standards were applied:

- ◆ 2000/14/EC, appendix VIII
- ◆ 2004/108/EC

Notified body involved for directive:

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