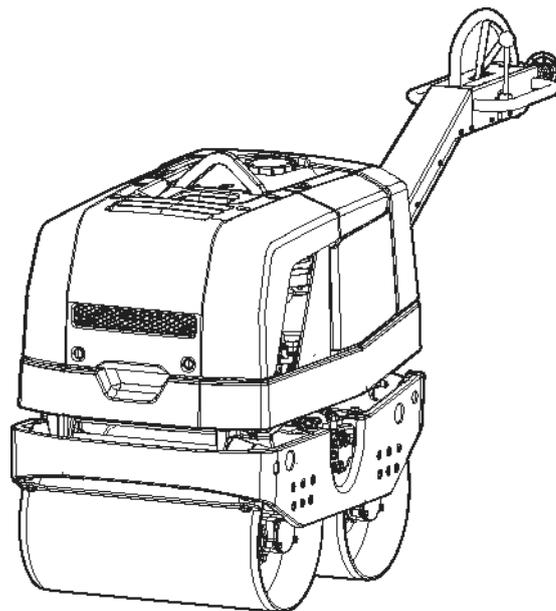


Safety and operating instructions

**Duplex roller
MR 7005**



Technical data

Machine data

	Hatz, electric start
Engine	
Type	Hatz 1 D42S 4-stroke
Power kw (hp)	6,6 (8,6)
Rated speed (r.p.m.)	3000
Performance	
Operating speed km/h (miles/h)	0-3.6 (0-2.3)
Maximum tilt, ° (%)	17 (30)
Gradeability with / without vibration, ° (%)	14 (25) / 19 (35)
Compaction data	
Vibration frequency, Hz (r.p.m.)	58 (3480)
Centrifugal force, kN (lbf)	21.8 (4.900)
Amplitude, mm (in.)	0.52 (0.020)
Static linear load, kg/cm (pli)	5.88 (33)
Fluid volumes	
Fuel tank, litres (qts)	5.0 (5.25)
Crank case, litres (qts)	1.2 (1.27)
Hydraulic oil, litres (qts)	12.5 (13.2)
Eccentric element, litres (qts)	0.57 (0.6)
Water tank, litres (gallon)	58 (12.75)
Lubricants	
Engine oil	Shell Rimula R4 L 15W-40
Eccentric element oil	Shell Rimula R4 L 15W-40
Hydraulic oil	Shell Tellus S2 V68
Fuel	Hatz: Use diesel oil that complies with EN 590 or DIN 51601.
Fuel consumption, litres/hour (qts/h)	1.35 (1.43)
Weights	
Weight, kg (lb)	736 (1623)
Operating weight EN500, kg (lb)	765 (1687)

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.

Vibration value determined according to EN 500-4 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	
Type	L _p at operator's ear	L _w guaranteed dB(A) rel 1pW	L _w measured dB(A) rel 1pW	m/s ² value	permitted working hours/day
MR 7005 electric	88	107	105	4.0	8

Permitted working hours per day are calculated on limit value of 5 m/s² as per 2002/44/EC.

Uncertainties, sound value

Type	Uncertainties, sound value	
	K _{wA} dB(A)	K _{pA} dB(A)
MR 7005	1.5-2.5	2.5-3.0

Uncertainty factor for gravel bed.

Dimensions

mm (in.)

