

14 Technical data

14.1 DPU 100-70Les

Designation	Unit	DPU 100-70Les
Item no.		0610344
Centrifugal force	kN	100
Vibrations	rpm	3360
	Hz	56
Surface capacity *	m ² /h (ft ² /h)	1357 14606.62
Advance travel	m/min	26
Reverse travel	m/min	23
Gradeability	%	47
Length (guide handle in working position)	mm (ft)	1931 (6.33)
Width	mm (ft)	870 (2.85)
Height	mm (ft)	1270 (4.16)
Operating weight	kg (lb)	768 (1693)
Ground clearance	mm (ft)	907 (2.97)
Rated power **	kW	12,8
Rated speed	rpm	2700
Exciter oil quantity	l (gal)	1,5 (0.40)
Exciter oil type		SAE 10W40
Hydraulic oil quantity	l (gal)	40 (10.57)
Hydraulic oil type		MR 520
Storage temperature range	°C	-20 – +50
Operating temperature range	°C	-10 – +50
Sound pressure level L _{pA}	dB(A)	95
Standard		EN 500-4

Designation	Unit	DPU 100-70Les
Sound power level L_{wa}	dB(A)	
Measured		108
Guaranteed		109
Standard		EN 500-4
Vibration total value a_{hv}	m/s^2 (ft^2/s)	2,3 (7.5)
Standard		EN 500-4 / ISO 5349-1
Uncertainty of measurement of vibration total value a_{hv}	m/s^2 (ft^2/s)	0,5 (1.6)
* Depending on the condition of the soil.		
** Equivalent to the installed power output in accordance with the directive 2000/14/EC.		

