



Technical
Datasheet

2022 v1



Movexx

MD1000 Eurobin Tug

TECHNICAL DATA MD1000 Eurobin Tug

According to VDI 2198

Characteristics	1.1	Manufacturer		Movexx International B.V.
	1.2	Model designation		MD1000 Eurobin Tug
	1.3	Power unit		Electric w. LiFePo4 battery
	1.4	Operation type		Pedestrian
	1.5*	Rated capacity	Q [t]	0,7
	1.5.1	Load capacity at load centre	Q ₁ [t]	0.03
	1.7**	Rated drawbar pull	F [N]	273
	1.8	Load distance, center of drive axle to lift face	x [mm]	585
	1.9	Wheelbase	y [mm]	722,5
Weight	2.1	Weight, incl battery	kg	158
	2.2	Axle load with load	front/rear	kg 81/107
	2.3	Axle load without load	front/rear	kg 51/107
Wheels types	3.1	Tyres R = rubber, PU = polyurethane		Non marking Solid Rubber/PU
	3.2	Tyre size	front	mm 100
	3.3	Tyre size,	rear	mm 200
	3.5	Wheels, number front/rear (x = drive)		2/x1
	3.6	Tread width	front/rear	b ₁₀ /b ₁₁ [mm] -/677
	Dimensions	4.9	Tiller height	min./max.
4.19		Total length		l ₁ [mm] 1162
4.20		Length to lift face		l ₂ [mm] 897
4.21		Total width		b ₁ [mm] 775
4.22		Fork dimensions	s/e/l	21-274-128
4.25		Fork spread		b ₅ [mm] 660
4.31		Ground clearance , front of machine		m ₁ [mm] 22
4.32		Ground clearance, center of wheel base		m ₂ [mm] 33
4.35		Turning radius		W _a [mm] 950
Performance	5.1	Travel speed forwards	with/without load	km/h 4/4,5
	5.1.1	Travel speed backwards	with/without load	km/h 3,5/4
	5.5	Max. drawbar pull (S2 = 60 Min)	with/without load	N 273
	5.6	Max. drawbar pull (S2 = 5 Min)	with/without load	N 545
	5.8	Maximum slope (5 min)	with/without load	% 0/15
	5.9	Acceleration	with/without load	s 8/6
	5.10	Service brake		Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 Min)	kW	0,3
	6.4	Battery voltage, nominal capacit	[V/Ah]	24/20
	6.5	Battery weight +/- 5%	kg	8.5
Other	8.1	Drive control		DC
	10.7	Noise level	dB(A)	< 65

* The maximum payload is affected by the type of slope, operating time and floor type.

** The maximum drawbar load on the hook [N] is determined by the engine power of the machine but is affected by the type of wheels of the machine and of the towed trolley/load, the type of surface and the driveable weight of the machine.

