

M-@M-TRAC
2.0

M-@M-TRAC 2.0

Patented

M-Trac 2.0 – 100% elektric Multitool

Why this M-@M-TRAC 2.0:

- 100% Electric Multitool.
- Zero emission.
- Super silent.
- Low vibration.
- Infinite adjustable PTO speed (0-1000 rpm)
- Infinite adjustable driving speed (0-6 km/h)
- Adjustable PTO and driving speed.
- Charger and batteries (up to 200 Ah) always on board.
- Standard with working and safety lights.

Applications:

- Landscaping / Parks / Greens
- Weedcontrol.
- Glasshouses / stables.
- Winterservice.
- City-cleaning.
- Beach-cleaning.
- Livestock / stable cleaning.
- **Can be used in all four seasons.**



M-@M-TRAC 2.0

- Ultra low noise level.
- Wide range of multi brands available and alllicable.
- Intuitive controlling with speed control for PTO (Power Take Off) and driving speed.
- Nominal Power 14 HP (2 HP on drive train / 12 HP on PTO) Peak power up to 30 HP (depending on battery selection).
- Elektric lock for adjusting handle height.
- Handle side adjustable : -45 °/ 0 °/ + 45 °.
- Front LED lights / Back LED lights, LED Toolbeamer.
- Hydraulic steering disk - brakes.
- Low vibration
- Patented system.



Total size LxWxH (mm)	Weight Incl. Battery excl. wheels (kg)	Speed PTO	Battery Li-on	Peak power total HP/kW	Nom. Power total HP/kW	Charg ing temp.	Operation temp.	Voltage	Water resist. level	Item description	Item no.
1094x880x1186	204	0-1000 tpm	60 Ah	10 / 8	3,5 / 2,6	0/+45°C	-20/+60°C	48V	IP53	M-@M-TRAC 2.0-60AH	12671
1094x880x1186	226	0-1000 tpm	120 Ah	10 / 16	7,1 / 5,2	0/+45°C	-20/+60°C	48V	IP53	M-@M-TRAC 2.0-120AH	13212
1094x880x1186	248	0-1000 tpm	180 Ah	30 / 24	10,7 / 7,9	0/+45°C	-20/+60°C	48V	IP53	M-@M-TRAC 2.0-180AH	13244
1094x880x1186	239	0-1000 tpm	200 Ah	20 / 14	12,6 / 9,3	0/+45°C	-10/+40°C	48V	IP53	M-@M-TRAC 2.0-200AH	13245

Safety precautions:

- Deadmans switch.
- Backwards drive warning sound.
- BellySwitch prevents entrapment.
- Emergency switch.
- Temperature sensors.
- Overload control.
- Automatic PTO off-switch at 10% Battery level and automatic drive switch-off at 3% battery charge.

Body:

- Full High tension aluminum, powdercoated.
- Towing hook for tools, trailer, towing function.
- Dust filter for cooling air.

Lightning:

- 2 x LED-head-lights (white).
- 2 x LED-back-lights (red).
- 1 x LED-flashlight / warning-light (orange)
- 1 x LED-tool light (white)

Special specs:

- Drive speed forward 0-7 km/h and backwards 0-3 km/h infinite adjustable with both cruise control (speed depending on wheel size)
- PTO speed infinite adjustable 0-1000 rpm with.
- Can be equipped with multi brand connector or adapters.
- Extreme compact steering with electric height adjustable handle.
- Ultra-compact steering perfect for indoor use
- Zero-position handle for better ergonomics.
- Drive engine with differential for easy steering (axle position adjustable ex works).

Tires / wheels

Art.nr. 11015, Michelin Tweel Turf 1.1" 22x11N12, puncture proof

Art.nr. 10736, Michelin Tweel Turf 2.2" 24x12N12, puncture proof



Art.nr. 13246, Tractorwheel 5-12 4PR TT TR128 axle Profile, pneumatic tire



Art.nr. 13266, Wheel 5.70-12 6PR 94 A2 TL SG-813, pneumatic



Art.nr. 13506, Wheel 6.00-9 14 PR TT S-369, pneumatic



Art.nr. 13515, Wheel 155/70R13 Boka Trailer Line 79 N TL FT01, pneumatic





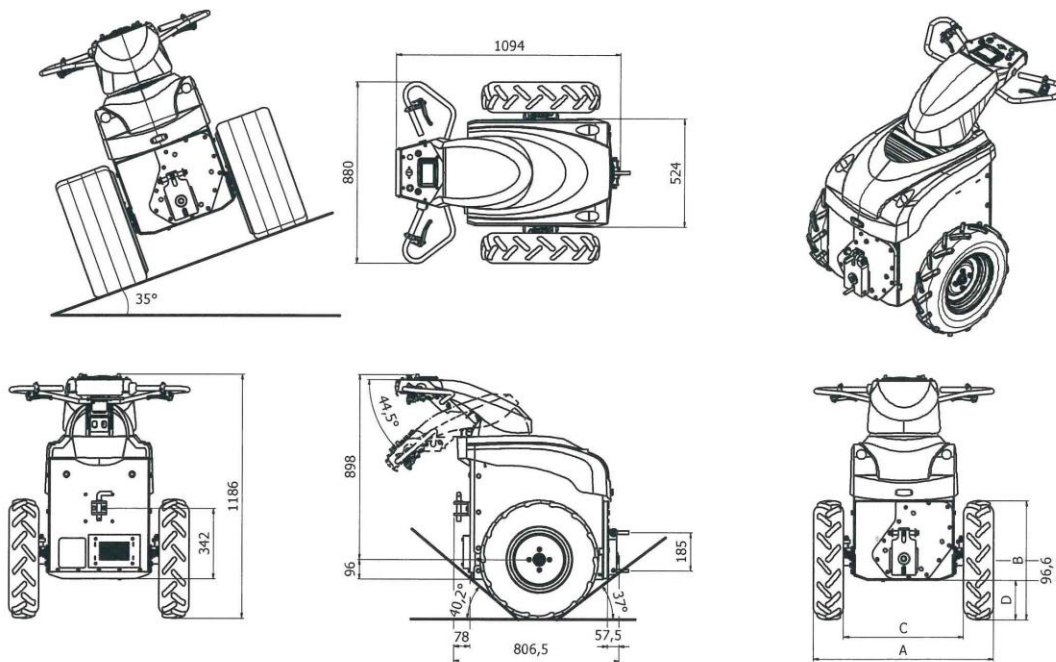
Power per battery

M-trac power		1 min Power PTO	60 min Power PTO	1 min Power Drive	60 min Power Drive	1 min Power battery	60 min Power battery
M-trac 60Ah	[Hp]	10	10	7	3	10	3,5
	[kW]	7,4	7,4	5,2	2,2	7,4	2,6
M-trac 120Ah	[Hp]	20	10	7	3	20	7
	[kW]	14,7	7,4	5,2	2,2	14,7	5,2
M-trac 180Ah	[Hp]	20	10	7	3	20	10,5
	[kW]	14,7	7,4	5,2	2,2	14,7	7,7
M-trac 200Ah	[Hp]	20	10	7	3	20	12
	[kW]	14,7	7,4	5,2	2,2	14,7	8,8

Dashboard with total control information panel about machine and batteries



Drawing with sizes and terrain capabilities



Adapter		
Item no.	Description	
13519	Adapter Agria-Lipco	
13629	Adapter Agria+BCS	
M-Trac tools		
	Lipco Tools with recommended PTO speed	
Item no.	Description	rpm (revolutions per minute)
13704	M-Trac power harrow UK-90/	800-1000
13705	M-Trac double scissors harrow KP-125/	Max 400
13892	M-Trac single weed brush WB-60/	500-1000
14036	M-Trac double weed brush WE-90/	500-1000
14056	M-Trac Double weed brush with hood WEF-165	900-1000
14282	M-Trac path maintenance machine WP-90/	800-1000
14352	M-Trac vertical Flail Mulcher VS-80	800-1000
14500	M-Trac rotary mower VS-L VS-80	800-1000
14501	M-Trac knife drive MA-80	350-500
14502	M-Trac municipal cutter bar UM-137	350-500
14503	M-trac combi sweeper KM-120	600-900
14504	M-Trac snow brush, coarse with mounting	600-900
14505	M-Trac fine sweeping brush with mounting	600-900
14506	M-Trac snow shovel RS-150	No
14507	M-Trac snowblower SE-100	850-1000
14508	M-Trac salt, gravel and sandcellar SA50-400	no PTO