



COMMERCIAL ELECTRIC MOWERS



MOW PLACES
NO ONE ELSE CAN

raymo - clean and silent power

Since its market launch in 2019 RAYMO has immediately become a leading brand among commercial electric mowers. Why was RAYMO so quickly accepted by landscaping professionals around the world? The RAYMO team has approached the machine design concept from a different angle and introduced a completely new machine that takes maximum advantage of the electric drive system (not just a conversion of a conventional mower).

Thanks to its unique features RAYMO tackles some of the most significant issues the landscaping industry faces nowadays - noise, emissions, operator safety, vibration, work on slopes and operating / maintenance cost. At the

same time it delivers an unmatched flexibility with its exchangeable mower decks and power units.

First of all, we believe in silent, zero-emission and sustainable grass-cutting - no matter if it is a home owner, local contractor or municipality doing the work. It is possible to mow quietly, without air pollution and with emphasis on biodiversity.

At RAYMO we have put maximum efforts in creating a commercial machine fit for such a job - modular, fully electric, radio controlled mower that is safe, agile, efficient, silent, clean and inexpensive to operate. The RAYMO TORPEDO mower is extremely low in height allowing you

to access low clearance areas and has an outstanding climbing ability on steep slopes and in undulating terrain. The ZTR steering system in combination with 4WD delivers exceptional driving and manoeuvring properties. Remote control keeps you in a safe distance further reducing your exposure to noise, dust and vibration while you keep an eye on the surrounding environment.

For us, environmental protection, safety and operation costs always come first.

Try RAYMO for yourself. It is an electrifying experience.



ONE MACHINE:
ENDLESS POSSIBILITIES



what makes raymo the best electric mower?

LOW COST OPERATION / QUICK ROI

Operation cost near to zero, yet at a price point equivalent to conventional commercial petrol or diesel powered mowers. The investment easily returns within a season. Easy operation means high productivity even in difficult terrains.

LOW MAINTENANCE

Minimum of moving parts means reduced wear and prolonged service intervals. Ultimately this leads to significantly lower maintenance cost. No oil checks, no leaking hydraulics. Remote diagnostics over the RAYLINK system simplifies after-sales and cuts both cost and downtime.

RADIO REMOTE CONTROL

Distant machine control brings a large amount of advantages - low machine weight, operator safety, zero vibration, reduced noise and dust exposure, better environment control. RC operation is a perfect match for a great electric mower.

POWERSWAP

The possibility to change power cartridges expands the fields of application as it gives you unlimited operating time. Ease of mind, freedom of movement. Stay flexible, change the power cartridge type anytime in the future.

EMISSION-FREE OPERATION

City parks, playgrounds, sports fields, residential areas, horticulture farms - just a few examples of places where emission-free mowing will certainly be a preferred choice. Enormous emission reduction in comparison with standard petrol or diesel engines on consumer or commercial mowers.

WORK ON SLOPES

4WD combined with zero-turn steering and extremely low centre of gravity allow RAYMO to operate even on very steep slopes without a risk of tipping over. The climbing ability can be further enhanced by the installation of optional AT tires or FLEXI-SPIKE wheels.

EXTREMELY LOW HEIGHT

Difficulty mowing under solar panels, benches, trampolines, trees or other low clearance obstacles? Not for RAYMO with its super-low height. A perfect tool for landscaping and gardening or vegetation control in various energy parks, especially under PV panels.

LOW NOISE LEVEL

The minimum noise of a fully electric RAYMO makes it a perfect choice for noise sensitive areas (schools, hospitals, hotels, cemeteries, playgrounds, residential areas) as well as quiet hours. No stress for the operator's ear, noise can be as low as a normal conversation.

EXTRAORDINARY MODULARITY

Modularity is something that makes RAYMO truly unique. Not only can the basic TORPEDO tractor / carrier be fitted with various exchangeable mower decks, it can also be equipped with swappable power cartridges (POWERSWAP system). All mower decks and power cartridges are compatible and can be changed anytime in the future allowing you to get the latest upgrades. RAYMO takes modularity to a new level.



POWERSWAP
EXCHANGEABLE
POWER CARTRIDGES

FULLY ELECTRIC



BASIC TRACTOR / TOOL CARRIER TORPEDO

EXCHANGEABLE
MOWER DECKS / ATTACHMENTS

R42FLEX

R52TURF

R48CRAFT

S46FLORIS

R14SFINX



UNIQUE DRIVE SYSTEM

4WD
ZTR

UNLIMITED WORKING TIME

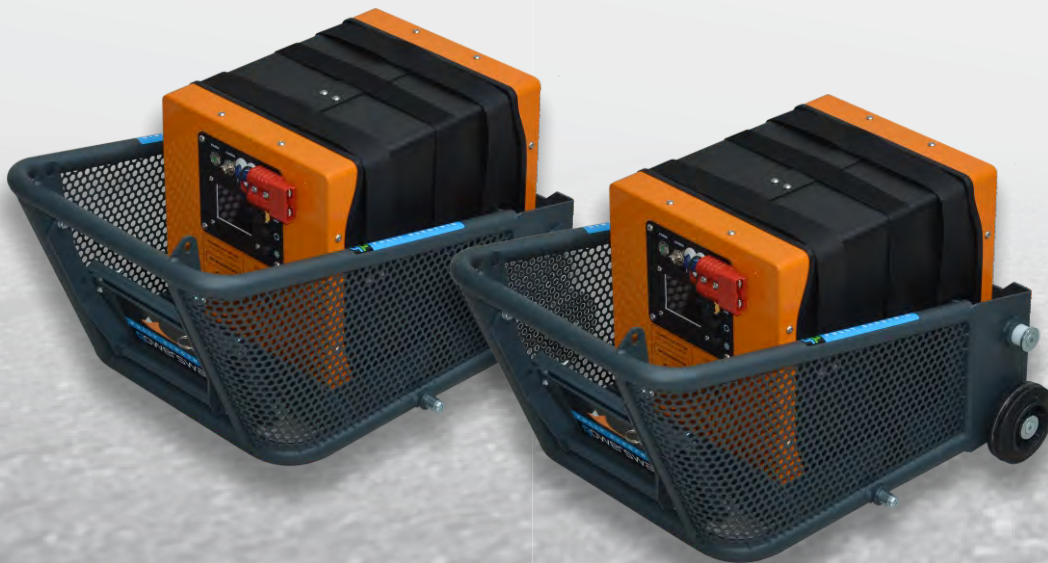
Do you require more operating time than one battery pack can offer? No problem at all. The POWERSWAP system enables you to change the batteries within a minute. How does POWERSWAP work? Raymo machines are equipped with a compartment that holds a power cartridge with a battery. You can easily change the whole power cartridge without needing to lift the battery. It only takes a minute. This way you can get all the working time you need. As batteries can be charged outside the mower, it is possible to simultaneously work with one battery while the other one is being charged. This way you can work 24/7 should it be required. All battery packs were designed by RAYMO and carry high quality automotive grade cells. A built-in diagnostic screen allows you to check multiple battery parameters such as the state of charge, state of health, temperature, balance, number of charge cycles and many others. Extra warranty is provided for the batteries.

FULLY ELECTRIC

BATTERY TYPE	Li-Ion	CHARGE TIME (15A STANDARD)	10 hrs
VOLTAGE	50,4 V	CHARGE TIME (25A SMART)	6 hrs
CAPACITY	150 Ah	CHARGE TIME (50A SMART)	3 hrs
CARTRIDGE WEIGHT	55 kg		

POWERSWAP

an exceptional system
of power supply
management
-
designed by
raymo
-



GETTING THE CHARGE BACK

Modularity stands as a pivotal feature for RAYMO, extending beyond just the cutting decks and power packs to encompass the chargers as well. Currently, three charger options are available: BASIC 15A Overnight Charger - This option provides a steady charge overnight, ensuring convenience and reliability. SMART 25A Charger: Incorporating intelligent features, this charger not only delivers efficient charging in 6 hours but also introduces smart functions and programs for enhanced usability. SMART 50A Dual Charger: This advanced charger boasts the capability to achieve a full charge in an impressive 3 hours. It also includes a range of intelligent functions and programs to optimize the charging process. Notably, all these chargers are designed to operate with standard wall power, eliminating the need for any additional electric installations. This underscores RAYMO's commitment to user-friendly, adaptable solutions.

STANDARD CHARGER 15A

OUTPUT 15A
900W
INPUT 8A @ 110V
4A @ 230V
CHARGE TIME 10hrs @ 150Ah

WORKS WITH ALL POWERPACKS
BASIC CHARGE FUNCTION
PLUGS TO STANDARD WALL SOCKET



SMART CHARGER 25A

OUTPUT 25A
1500W
INPUT 14A @ 110V
7A @ 230V
CHARGE TIME 6hrs @ 150Ah

WORKS WITH SMART POWERPACKS
SMART FUNCTIONS / PROGRAMS
OPTIMIZED CHARGING PROCESS
FASTER CHARGING
PLUGS TO STANDARD WALL SOCKET



SMART CHARGER 50A

OUTPUT 50A
3000W
INPUT 2 x 14A @ 110V
2 x 7A @ 230V
CHARGE TIME 3hrs @ 150Ah

WORKS WITH SMART POWERPACKS
SMART FUNCTIONS / PROGRAMS
OPTIMIZED CHARGING PROCESS
DUAL SETUP = FAST CHARGING
PLUGS TO STANDARD WALL SOCKET



GET ALL THE GRIP YOU NEED

The RAYMO Torpedo is specifically engineered to excel in grass-cutting across diverse terrains. To ensure optimal traction and performance, it offers compatibility with a range of wheels and tires: **TURF TIRES:** Ideal for sports fields, golf courses, and similar fine applications, providing excellent traction without compromising the surface. **ALL-TERRAIN TIRES:** Versatile enough to suit almost any application, these tires are well-suited for flat areas with regularly maintained lawns as well as steep slopes with limited traction. **Special FLEXI-SPIKE Wheels:** Designed for extreme slopes or locations with severely compromised traction, these wheels provide enhanced stability. All these wheel options are fully compatible with RAYMO Torpedo tool carriers, ensuring a seamless integration for varied mowing requirements.

TURF TIRES



ALL-TERRAIN TIRES



FLEXI-SPIKE WHEELS



R42FLEX

VERSATILE AND FLEXIBLE MOWER DECK
FOR VARIOUS APPLICATIONS



R42FLEX ROTARY MOWER DECK

R42FLEX is the basic multifunctional rotary mower deck that can be used for many different applications. It has several unique features that make this cutting head truly versatile. **MULCHING or REAR DISCHARGE** – a simple installation or removal of mulching covers allow you to choose between mulching or rear discharge. **CASTER WHEELS or SKIDS** – When operating on slopes or in undulating terrain you can keep the caster wheels fitted. On flat and level surfaces they can be removed making the whole mower more compact and very manoeuvrable in tight spaces. **NON-SCALPING** – This deck was designed as a non-scalping deck. Even when driving over sharp edges and heavy undulations the blades are prevented from making contact with ground. **EDGING** – the mower deck design enables you to mow very close to obstacles and drive along walls and kerbs. Protective plastic covers and corner roller wheels protect both the mower deck and the nearby obstacles. It can easily be tilted to a service position for maintenance and cleaning. R42FLEX can be used for fine mowing as well as general municipal applications where taller grass needs to be cut.

R42FLEX

REAR DISCHARGE
WITH MULCHING OPTION

PROTECTIVE
ROLLER WHEEL

DETACHABLE FRONT
CASTOR WHEELS

ADJUSTABLE
HEIGHT OF CUT
40 - 100 MM

3 DECK POSITIONS
WORK/TRANSPORT/SERVICE

104 CM / 42" WIDTH OF CUT

SKID PLATES





R52TURF

HIGH PRODUCTIVITY MOWER DECK
WITH FINE MULCHING OPTION FOR TURF APPLICATIONS

R52TURF ROTARY MOWER DECK

R52TURF mower deck was designed primarily for areas where high mowing productivity is needed and where quality of cut matters. MULCHING or REAR DISCHARGE – it is possible choose between rear discharge and mulching by simply installing or removing mulching covers. For very fine mulching an optional adjustable DEEP MULCHING kit is also available. NON-SCALPING – This mower deck was also designed as a non-scalping deck and allows for operation on slopes and undulations without damaging turf. PRODUCTIVITY – The 52 in / 132 cm of cutting width deliver an hourly coverage up to 2 acres / 8000 m². Just as other RAYMO rotary decks R52TURF can also be tilted to a service position for super easy maintenance and cleaning. No belts, no gearboxes, no fluids. Simple mechanical height of cut adjustment. The mower deck is fully compatible with all existing RAYMO Torpedo tool carriers and can be dis-/mounted within a few seconds.

REAR DISCHARGE
WITH MULCHING AND
DEEP MULCHING OPTIONS

CLOSED DECK
FOR THE BEST
MULCHING RESULT

ADJUSTABLE
HEIGHT OF CUT
40 - 100 MM

3 DECK POSITIONS
WORK/TRANSPORT/SERVICE

132 CM / 52" WIDTH OF CUT

SIDE PROTECTION PLATES

R52TURF



R48CRAFT

POWERFUL MOWER DECK FOR TALL GRASS, SOLAR FARMS
AND OTHER ROUGH CUT APPLICATIONS



R48CRAFT ROTARY MOWER DECK

R48CRAFT was designed specifically for rough municipal mowing and for vegetation control in solar farms where grass is often overgrown and where contact with the PV panel supporting structure is a permanent threat. The R48CRAFT cutting deck is protected by a robust steel frame with nylon bumpers and features suspended castor wheels that absorb excessive vibration in undulating terrain. The height of cut ranges from 60 to 140 mm and can be adjusted by the means of pins that are secured against loss in high vibration conditions. The cutting device itself consists of new proprietary direct drive electric motors (providing twice as much power and torque as the R42FLEX and R52TURF deck motors) and a special Raymo-design swing blade system with a rear discharge function. If you ask for power, the R48CRAFT deck delivers it. Great for mowing taller and thicker grass or rough areas or just for working really fast on regular municipal grounds. The cutting deck power allows for high mowing speeds. As always, this cutting deck is compatible with all Raymo Torpedo carriers.

HIGH POWER
DECK MOTORS

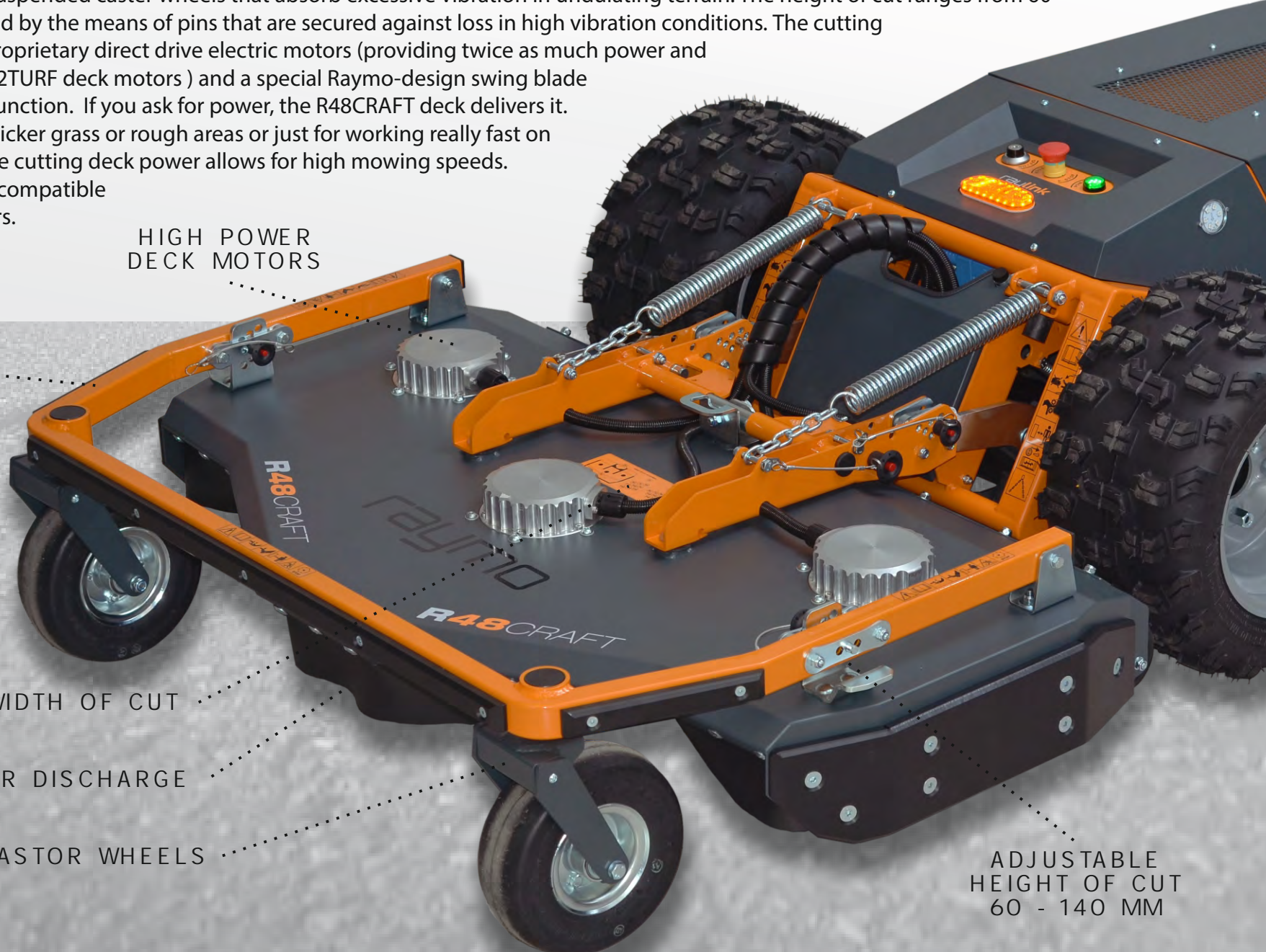
PROTECTIVE
FRAME

122 CM / 48" WIDTH OF CUT

REAR DISCHARGE

SUSPENDED CASTOR WHEELS

ADJUSTABLE
HEIGHT OF CUT
60 - 140 MM



R48CRAFT



S46FLORIS

SICKLE MOWER FOR WILDFLOWER MEADOWS
AND OTHER ECOLOGICALLY SENSITIVE AREAS

S 46FLORIS SICKLE MOWER

S46FLORIS cutting bar is the answer for those who look for the ultimate environment friendly mowing solution. SINGLE or DUAL ACTION – The mower deck can be supplied in a single action (more robust) or dual action (faster) version. Depending on the type of area you intend to mow, you can choose the suitable solution. BIODIVERSITY and WILDFLOWER MEADOWS – The number wildflower meadows and areas with emphasis on biodiversity is rapidly growing. S46FLORIS sickle mower is a perfect tool to maintain these – silent, fully electric and compact enough to deal with municipal environment. ANIMAL / INSECTS PROTECTION - Sickle bars are providing the best possible protection to living animals and insects, especially in comparison to rotary or flail mowers. SKIDS or ROLLERS – S46FLORIS can be fitted either with fixed skids, rollers or adjustable skids that can be used to change the height of cut. The cutting bar itself is fitted with exchangeable high quality durable BUSATIS blades.

S46FLORIS

POSITIONING
AND PROTECTING
FRAME

ELECTRIC DRIVE
WITH DUAL BELTS

SINGLE OR DUAL ACTION
SICKLE BAR

SIDE IMPACT
PROTECTION

ADJUSTABLE
HEIGHT OF CUT
30 - 90 MM

HIGH QUALITY
BUSATIS BLADES

117 CM / 46" WIDTH OF CUT

WORK AND TRANSPORT
POSITIONS

FIXED SKIDS,
ADJUSTABLE SKIDS
OR ROLLERS





R14SFINX

SIDE MOUNTED SWING ARM / POST MOWER
FOR SOLAR FARMS, ORCHARDS AND TREE NURSERIES

R14SFINX SWING ARM POST MOWER

The R14SFINX swing arm/post mower is a specialized attachment designed to work seamlessly with other front-mounted Raymo mower decks, particularly the R48CRAFT rough-cut deck. This side-mounted attachment is connected to the power supply at the rear of the machine, significantly streamlining the mowing process in areas with multiple vertical obstacles such as posts, trees, or guardrails. It proves to be an invaluable addition to Raymo Torpedo mowers deployed in various settings, including solar farms, orchards, vineyards, Christmas tree farms, tree nurseries, or along roads and motorways.

FLOATING DESIGN - The mowing disc consistently maintains parallel alignment with the ground, effortlessly mimicking the terrain.

ROBUST STRINGS - Mowing is executed by exceptionally robust strings that not only ensure optimal efficiency but also prioritize maximum safety.

SERVICE AND TRANSPORT - The R14SFINX post mower offers several positions for enhanced comfort during use and swift maintenance procedures. In addition to the standard work position, the cutting head can be tilted to a service position.

The entire attachment can be securely locked in a transport position or easily dismantled from the main tractor, with its mounting bracket remaining permanently attached to the machine.

DISMOUNTABLE

SERVICE AND
TRANSPORT POSITIONS

DIRECT DRIVE MOTOR

FLOATING DESIGN

35 CM / 14" WIDTH OF CUT

SAFE AND DURABLE
STRING BLADES

R14SFINX





ECO-SENSITIVE GROUNDS



MUNICIPAL APPLICATIONS



SLOPES AND EMBANKMENTS



NOISE REGULATED AREAS



CEMETERIES



WILDFLOWER MEADOWS



LOW CLEARANCE SPACES



VEGETATION MANAGEMENT



ENERGY PARKS / SOLAR FARMS

raylink

TELEMETRY AND TRACKING SERVICE



RAYLINK TELEMETRY AND TRACKING SERVICE

RAYMO IS NOW CONNECTED. The RAYLINK system mounted on the TORPEDO carriers provides telemetry and system status information to a cloud space, where it can be accessed by customers as well as service centres. Customers can benefit from a fleet management system and acquire detailed work logs and system status data such as Live GNSS position + past operation logs, current machine configuration (connected power cartridges, mower decks), serial numbers, SW versions, operating hours, system modes and battery information (state of charge, state of health, cycle count...). This can be converted into job reports. The RAYLINK interface can be accessed over a computer or a mobile device. It is a subscription-based system that is provided free of charge within the warranty period.

GET A FREE RAYMO DEMO



TRY RAYMO FOR YOURSELF
IT IS AN ELECTRIFYING EXPERIENCE



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