

## 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 or plug-in hybrid, 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.



# 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 between a fully electric and plug-in hybrid modes expands the fields of application as well as the available 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 tyres.

### 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.



# EXTRADRDINARY 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 different power cartridges – fully electric or plug-in hybrid (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.



FULLY ELECTRIC
PLUG-IN HYBRID



# ELECTRIC OR HYBRID? WHY NOT BOTH?!

Would you benefit from a purely electric drive on some occasions and from engine drive on others? No problem at all. The POWERSWAP system enables you to change between fully electric and plug-in hybrid drive back and forth within a minute. How does POWERSWAP work? Raymo machines are equipped with a compartment that holds a power cartridge. This cartridge can either contain a battery pack for a fully electric operation or a plug-in hybrid set that allows you to choose between electric or engine power. This way you can for example mow in a purely electric mode in the early

morning hours without excessive noise and start your engine later in the day finish off the work when noise regulations no longer apply. And that is not all. You can have back up cartridges ready (hybrid or electric - whatever suits your needs) and quickly change them during the day. It only takes a minute. This way you can get all the operating time you need. All battery packs were designed by RAYMO and hold high quality automotive grade cells. Extra warranty is provided for the batteries.



## PLUG-IN HYBRID

VOLTAGE 50,4 V
CAPACITY 120 Ah
OPERATING TIME 4-5 h
CHARGING TIME 6-7 h
FAST CHARGING TIME 2 h
CARTRIDGE WEIGHT 45 kg

BATTERY TYPE Li-lon
VOLTAGE 50,4 V
CAPACITY 56 Ah
ELECTRIC OPER. TIME 2-2,5 h
CHARGING TIME 3 h
FAST CHARGING TIME 2 h
ENGINE SIZE 208 cc
FUEL CONSUMPTION 1,5 l/h
CARTRIDGE WEIGHT 45 kg







#### R42FLEX ROTARY MOWER DECK

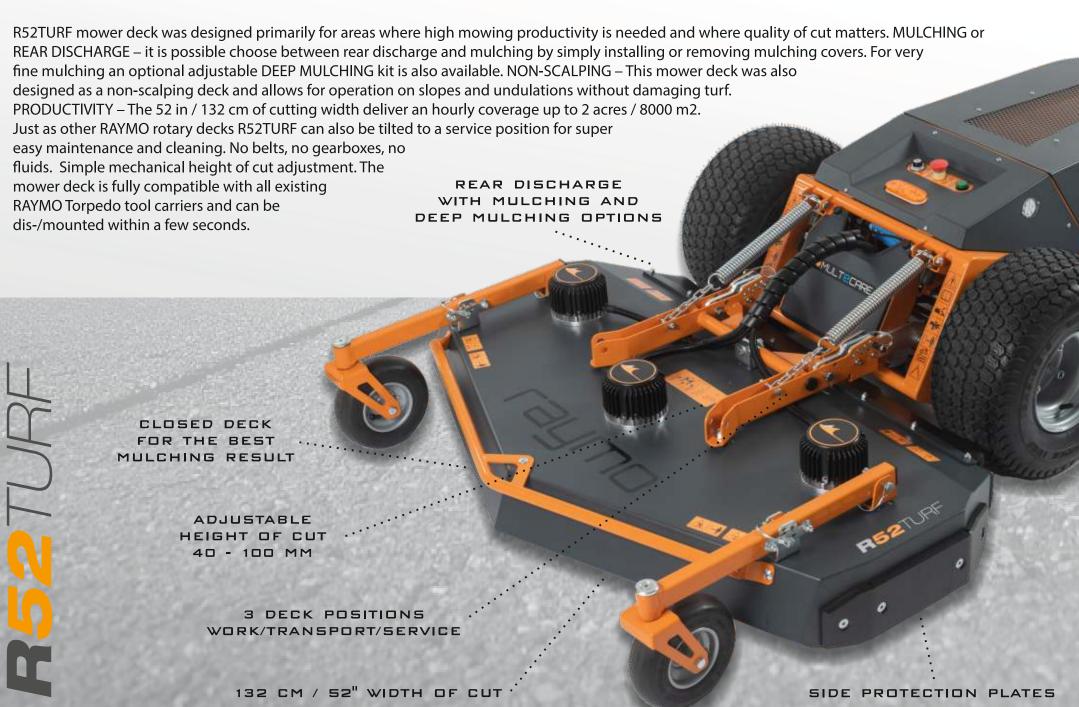


SKID PLATES

104 CM / 42" WIDTH OF CUT



#### R52TURF ROTARY MOWER DECK





#### **546FLORIS 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

ELECTRIC DRIVE WITH DUAL BELTS

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.

POSITIONING AND PROTECTING FRAME

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

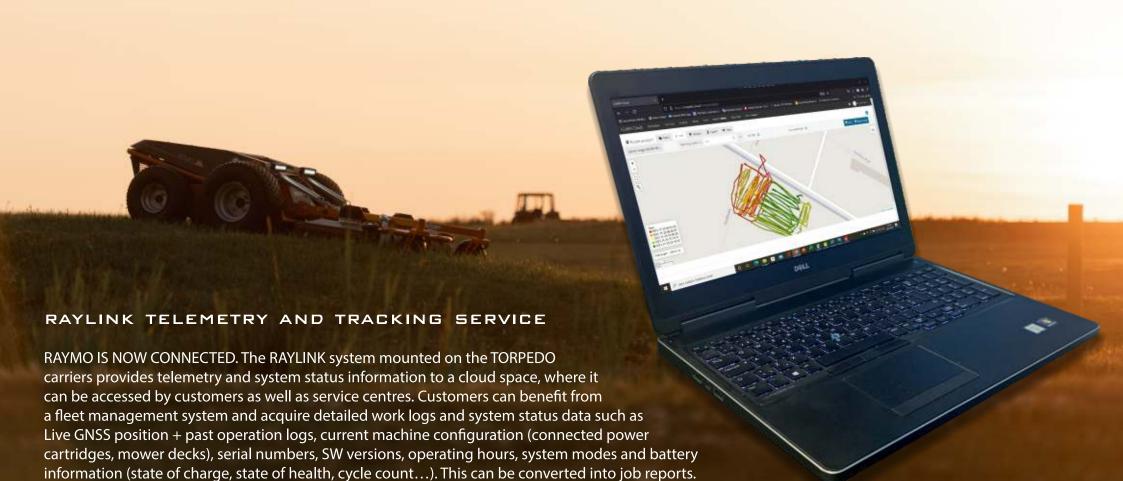






ENERGY PARKS / SOLAR FARMS





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.



