



MECAPLUS

Aerial platform

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AERIAL PLATFORM ME10SL





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ECO BI FUEL

With the ECO BI FUEL the machine can work in electric mode, the batteries can be charge by the engine or by an external connector.

Maximum mechanical power 14Kw.

Maximum time to charge by engine or external power source 5-6h.

Lithium or Lead acid batteries can be choose.

POWER PACK

With the POWER PACK the power and range of the machine is increase to the double.

Up to a mechanical power of 28Kw.

Maximum time to charge by engine or external power source 5-6h.

Lithium or Lead acid batteries can be choose.

PISTON PROTECTIONS

Protections for all the pistons of the machine to protect the surface of the pistons in case of humidity or dirt projections.





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OIL COOLING SYSTEM

High capacity oil cooler to get cold the oil, under 60° and Flushing valve to the oil renewal in the traction circuit.

For extreme long displacements.



TOWING BALL

To towing a trailer up to 1000Kg.



DOUBLE FILTER

Spin double filter to work on extreme conditions.





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WORKLIGHTS

A set of working lights and stroboscopic lights has been assembled to improve in low visibility areas.

- 4 Led working lamps in basket
- 2 Led working lamps under the basket
- 4 Led working lamps in the chasis

This lights can be feed by the engine or by the battery box or by battery engine in case the engine will be stopped.

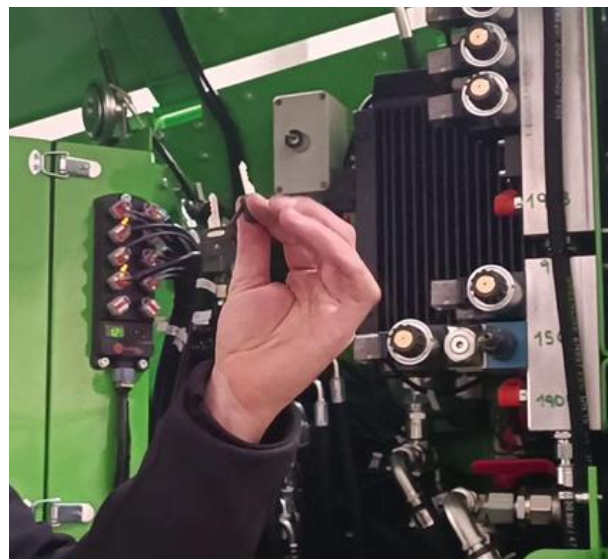
WORKING LED LIGHTS

STROBOSCOPIC LIGHTS



BOOM MOVEMENT LIMITING KEY

Key to block the turning basket and turning boom in case to work in tunnels with vehicle circulation.



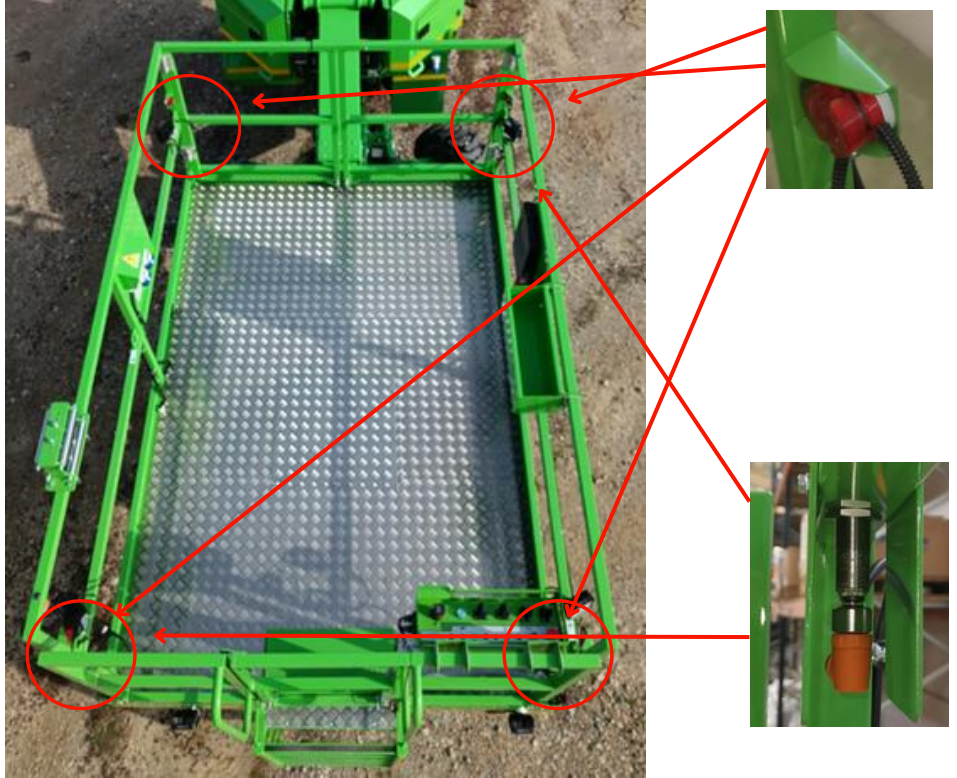


ANTI-CRUSHING

To warn to the operators in basket about a possible crushing with an obstacle above the basket, an anti-crushing system has been assembled to the basket.

Two ultrasonic sensors detects if there is an obstacle above them when this obstacle is closer than 2 m or the high pre programmed by the sensor.

If one of the ultrasonic sensors is activated the four red lights start to blink 1 second each 0.3 seconds.



BATTERY BOX

The battery box is used to feed the worklights options.

The battery can be charge by the engine alternator or by an external connector 220V.

The battery box has a battery protection to prevent discharge the engine battery in case the engine will be stop.

- Battery pack 12V 120A/h
- Charger IP65 12V 25A "4 to charge from 20%"
- Battery protection system
- Battery combiner "Engine battery + Battery pack"
- One phase connector outside to charge the battery pack 220V 2P+T IP67





FIRE EXTINGUISHING EQUIPMENT

- Box on the chassis with a 5 kg fire and a firestop blanket
- 3 kg fire extinguisher with a holder in the basket



GENERATOR

- 3.5Kw 220V Generator
- Acting by pulley from engine cranshaft
- With Magnetothermic and short circuit protections



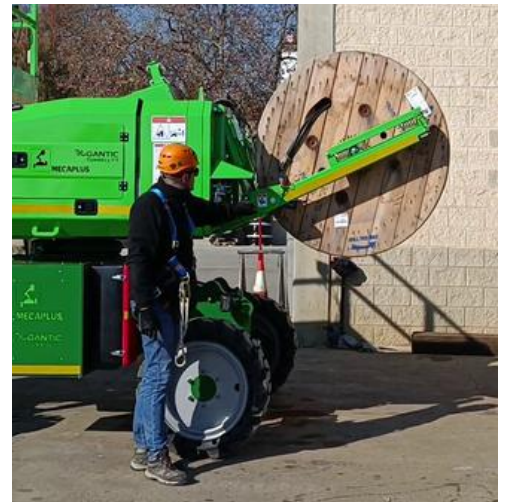


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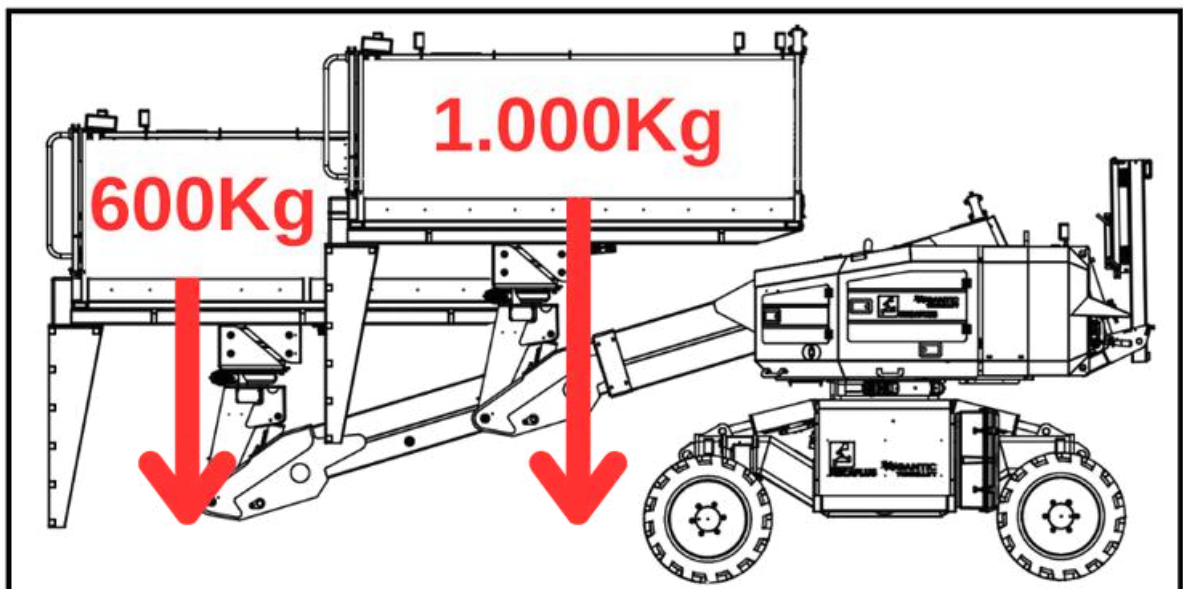
CABLE ROLLER PICK UP

- Designed to work up to K14 cable drums
- With manual brake to prevent the drum turning by itself
- With cable rollers to guide the electric cable in basket and boom



DUAL BASKET CAPACITY

- Dual platform capacity 600kg/1000kg





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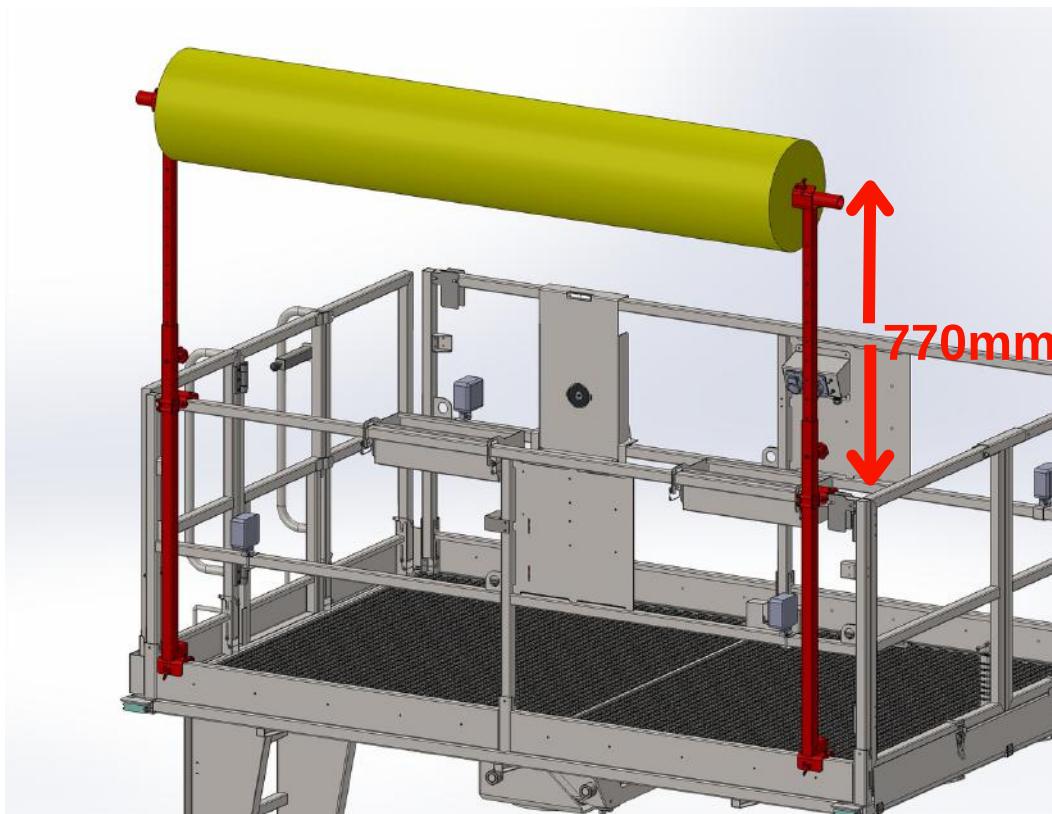
2 EXTRA TOOL BOX ON BASKET

- 2 Tool box on basket



LINER ROLL HOLDER

- For plastic rollers up to 2.5m wide
- Load capacity 100Kg
- Manual extension/retraction system 770mm
- Fully removable



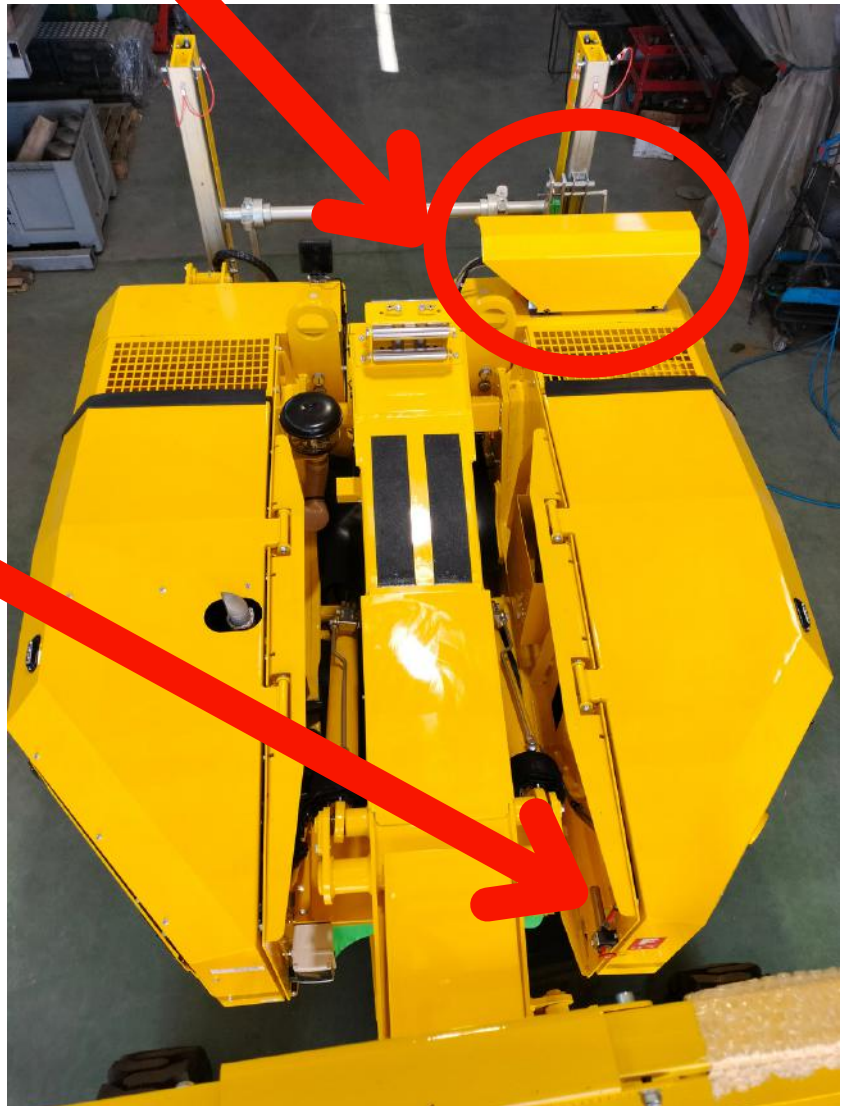
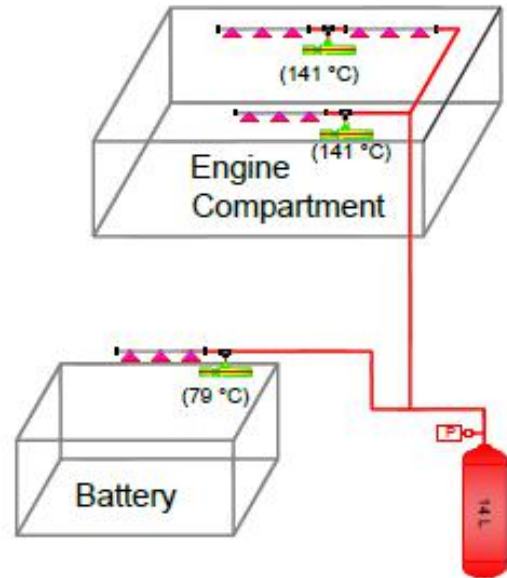


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AUTOMATIC EXTINGUISHING SYSTEM

- Automatic extinguishing system in the engine compartment as well as in the lithium battery compartment.
- Extinguishing charge 14 liters.



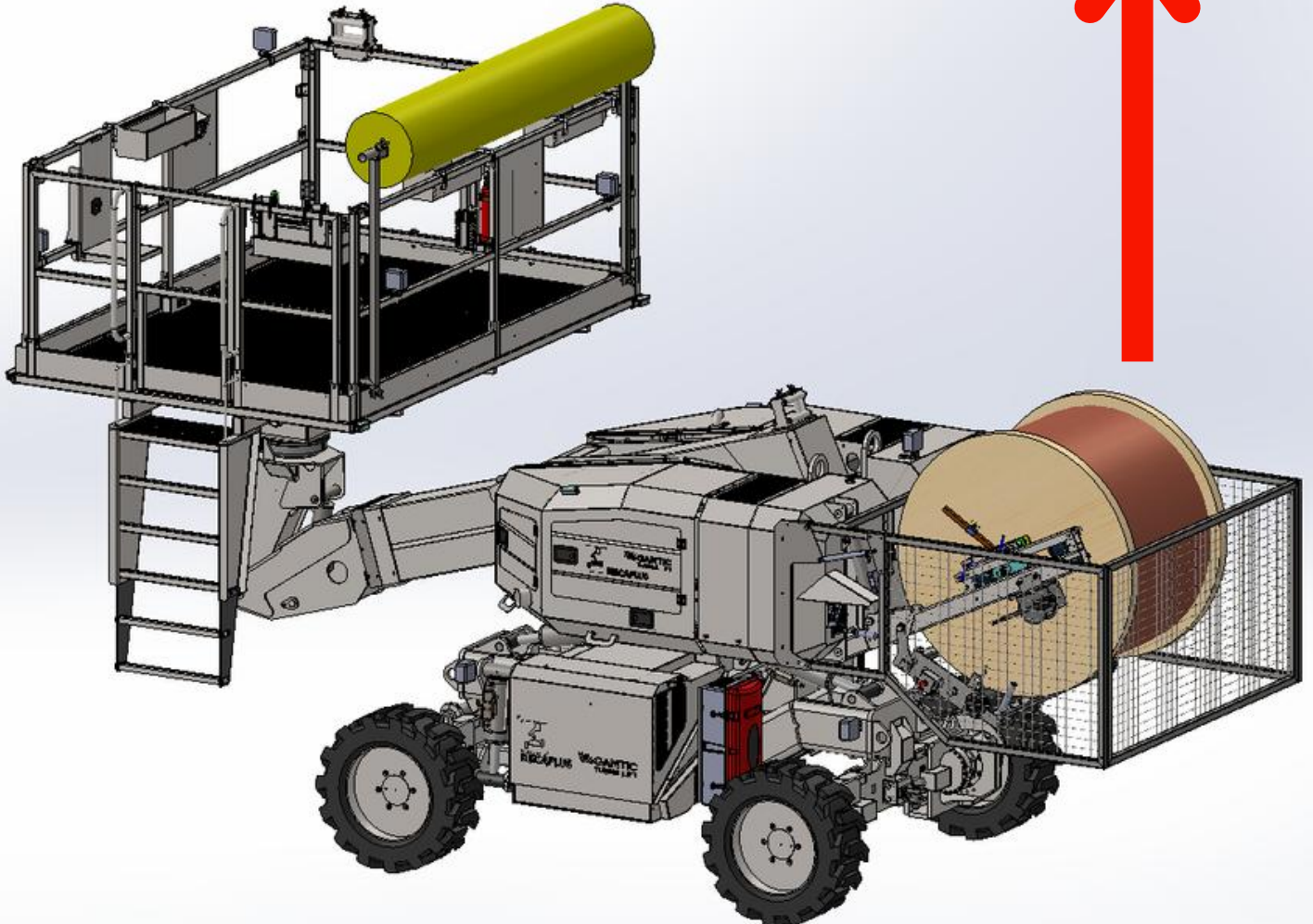
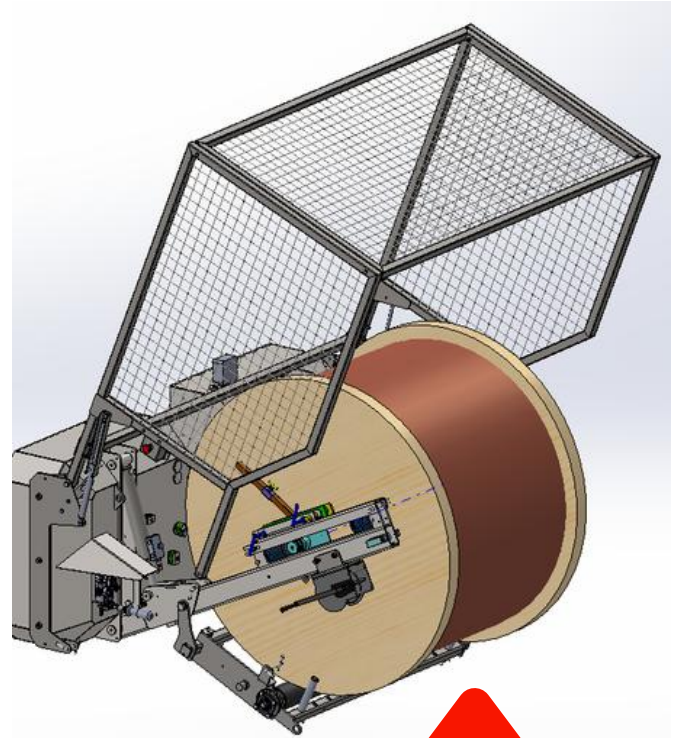


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CABLE ROLLER MOTORIZED

- To K5 up to K14 Cable drums
- Torque can be regulated
- RPM can be regulated





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INTERCHANGEABLE LITHIUM BATTERY

- 51.2V
- 280Ah
- 14.3kWh
- Plug to charge 230V 16AMP
- Time to full charge 5H





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CONVERTER 48V CC TO 230V CA

- Turns 48V DC from the lithium battery into 230V AC for the basket electrical plugs
- Up to 3000VA power
- Converter inside a water-proof box
- Only if the machine already has the Hybrid option installed.



48V CC



230V CA

