



Magni TH enhances efficiency at heights with its Mild Hybrid range

IMAGE SOURCE: Magni Telescopic Handlers Srl

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- Magni TH launches a Mild Hybrid aerial platform range combining an 18.2 kW Kubota diesel engine with a lithium-ion battery for improved fuel efficiency and operational flexibility.
- The range includes articulated boom models for obstacle-rich environments, telescopic boom models for precision and reach, and rough terrain scissor lifts with high load capacity and platform space.
- Working heights vary from 15 to over 24 meters, with load capacities up to 680 kg and configurations supporting multiple operators.

- These machines target diverse sectors such as construction, industrial maintenance, plant engineering, and outdoor logistics, offering a balanced solution between diesel and fully electric platforms.

Magni TH introduces the new **Mild Hybrid powertrain** for aerial platforms, designed to offer a new balance between performance, reduced fuel consumption, and operational flexibility. The concept behind the range is clear: to provide a strategic solution between traditional diesel machines and fully electric ones, maintaining high performance while introducing smarter energy management.

The Mild Hybrid system combines an **18.2 kW Kubota diesel engine** with a **lithium-ion battery pack**, with the two energy sources working in synergy to efficiently manage the available power. This translates into tangible benefits for operators and rental companies: lower fuel consumption compared to diesel-only solutions, greater versatility of use and a machine suited to different working environments, even where energy efficiency is an increasingly important factor.

The range consists of three families. The **MHAB articulated** models include the **MHAB16RT, MHAB18RT, MHAB20RT, MHAB22RT and MHAB24RT**, with working heights ranging from **16.27 m to 24.27 m** and load capacities of up to **320 kg**; the articulated boom enables the machine to clear obstacles and operate in complex areas, while maintaining stability thanks to its low centre of gravity.

The **MHTB telescopic models** include the **MHTB16RT, MHTB18RT, MHTB20RT, MHTB22RT and MHTB24RT**, with working heights ranging from **16.33 m to 24.20 m** and load capacities of up to **320 kg**. This range is ideal where horizontal reach, precision and direct access at heights are required.

The range is completed by the **MHS1523RT** and **MHS1823RT** rough terrain scissor lift models, designed to combine high load capacity and productivity. The **MHS1523RT** model offers a working height of **15 m**, a load capacity of **680 kg** and can accommodate up to **7 operators**; the **MHS1823RT** reaches **18 m**, with a load capacity of **680 kg** and up to **4 occupants**. These solutions are particularly suitable for tasks that require platform space, equipment and multiple operators working simultaneously.

In terms of applications, the **Mild Hybrid** range is used across numerous sectors. The **articulated** models are ideal for **construction sites, industrial maintenance, plant engineering and work in obstacle-rich areas**, where the ability to „clear“ structures is crucial. The **telescopic** models are suited to **façades, construction, installations and maintenance at heights** where reach and precision are required. The **rough terrain scissor lifts**, on the other hand, are ideal for **construction sites, outdoor logistics, industrial installations and maintenance over large areas**, thanks to their combination of high load capacity, robustness and platform

working space.

With this range, Magni TH strengthens its offering in the aerial work platform sector, providing a practical solution for those seeking efficiency, performance and operational flexibility in a single machine. A range designed for today's aerial work, with a keen eye on the future needs of the market.

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