

## PRESS RELEASE

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# Kubota launch their latest Generation of Zero-Turn Mowers, the Ze Electric Zero-Turn range, with the Ze-421 and Ze-481

Kubota fully supports the declaration of the world becoming a fully sustainable carbon neutral environment by 2050. In conjunction with world demand on zero emissions, Kubota has to deliver and meet the customer's needs for a productive, efficient and durable machine. The Ze electric zero-turn models not only meet productivity requirements, but also with a higher level of operator comfort through reduced noise levels and less vibration during operation.

Together These mowers are specifically aimed at environmentally concuss customers such as municipalities, professional contractors and residential owners that want to maintain large lawn areas with reduced maintenance, simplified operation and higher levels of operator comfort.



Picture: In the Ze a deluxe high back seat with position adjustment, armrests and additional lumbar support ensures ultimate comfort.

The engineering development of the Ze range began back in 2017 where the key requirements always remained the same and that is a machine that can operate for a full working day providing excellent driver comfort and outstanding cutting quality. Testing has been carried out throughout Europe to ensure that the performance is consistent whether it is in wet tall grass or dry rigid grass.

### Silent power

The "heart" of the Ze is a 48V / 10kW battery which is located at the rear of the machine, pretty much where an engine would sit. This battery has the capacity for over 15 000m<sup>2</sup> of mowing operation. The Ze has a unique feature in that the battery pack can be quickly and easily removed and another fully charged battery fitted. A second battery and fitting trolley is available which will allow the operator to work continuously during the busy grass cutting season.

Recharging of the battery can be done from the charge connector on the Ze or independently away from the machine. A charger which is compatible with both European and UK domestic plugs is provided and a full battery recharge takes approximately 5 hours.

## **Electric drive**

There are a total of three electric drive motors on the Ze. Two drive motors (one for each wheel) and one drive motor for the mower deck. The battery discharge can be optimised as the drive power to the cutting deck can be adapted to suit the working conditions. There is a choice of three working modes – ECO, Standard and Boost. The key difference is the blade speed and the mode can be set according to the work required.

## **High quality cutting performance whatever the conditions**

Kubota know how and technology is incorporated into all areas of these machines. A prime example is the K-sense. Forward speed to deck cutting speed is continuously monitored to provide optimum performance. Should the deck encounter a heavy load, the forward speed would compensate and slow down to ensure the best possible cutting quality. When the load reduces the travel speed automatically increases.

The Ze Series is available with 42" or 48" side discharge mower decks. Both deck options can be fitted with a mulching kit.

## **Simplicity and comfort incorporated**

The deck lifting and lowering is a low effort foot pedal control. Quick-dial deck height setting adjustment ensures cutting height can be set quickly and easily. When the motion drive levers return to neutral the auto parking brake is engaged for safe dismount.

A deluxe high back seat with position adjustment, armrests and additional lumbar support ensures ultimate comfort.

Right from the start of development, the engineers knew that meeting the environmental targets set could not be at the expense of productivity, performance and comfort. The end result is the Ze Series which incorporates the best of both.

These new products will be presented for the first time at Saltex in UK, Agritechnica in Germany and Paysalia in France. They will be available on the market from April 2024.

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## **About Kubota**

Kubota has been a leading manufacturer of agricultural equipment, construction equipment, lawn mowers and Industrial Engines since 1890. With its global Headquarters in Osaka Japan, offices in more than 120 countries, and more than 50,000 employees in North America, Europe and Asia, Kubota had a turnover of \$20.4 billion (US\$1=¥131) in 2022. Although machinery equipment is its main products line, Kubota also produces a wide range of products such as city water purification systems, irrigation systems, piping systems, roof and home construction, and large underground valves.

## **Our Mission**

Our Brand Statement, "For Earth, For Life," speaks to our commitment to the conservation of the environment while aiding the production of food and water supplies, which are vital to meet the needs of our society, as the world's population continues to grow. This mission is accomplished every time a Kubota tractor harvests the land

to produce food or when our construction equipment excavates to transport water or provide shelter. For more information on Kubota, please visit [www.kubota-global.net](http://www.kubota-global.net) or [www.kubota-eu.com](http://www.kubota-eu.com).

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Download link to images:

**ZE-481\_Studio\_005** Recharging of the battery can be done from the charge connector on the Ze or independently away from the machine.



**ZE-481\_Studio\_002** There are a total of three electric drive motors on the Ze. Two drive motors (one for each wheel) and one drive motor for the mower deck.



**ZE-481Studio\_010** A second battery and fitting trolley is available which will allow the operator to work continuously during the busy grass cutting season.




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