**NEWS ARTICLE**

Kuhn ECO Ranger sprayer so precise it can spray a logo in a field

**28 November 2022:** Such is the accuracy of the ECO Ranger boom trailed sprayer from Kuhn, distributed locally by ValtraC, that it is ideal for precision spraying – and can even be used to spray words and logos in fields.

The ECO Ranger series was developed for excellent operational performance and autonomy without sacrificing cost-effectiveness. The entry-level model is perfect for those looking to migrate from a mounted machine to a trailed sprayer. It features a 2 000 litre fibreglass tank and robust construction with a 16 m or 18 m boom with a fully hydraulic opening system. The chassis is produced in steel sheet, folded in a ‘U’ profile that guarantees greater resistance under severe torsion conditions. Powder coating protects the steel frame against corrosion.

With the ECO Ranger, farmers can be assured of an advanced sprayer solution that is economically viable while still having the strength of the renowned Kuhn brand behind it. In addition to being able to count on cutting-edge technology, an electronic package allows for precision agriculture while ensuring safety and performance in the field.

The ECO Ranger sprayer features a hydraulic, electrical system as standard, with precise movement, carried out directly from the operating point via an electrical box. The sprayer optimises space while ensuring operator comfort and responsiveness in the field. The boom of the ECO Ranger has a strong truss structure and two support points with an automatic locking system to prevent damage in transport.

The electric spraying command facilitates and speeds up operations. The sprayer is divided into four sections, with a calibrated return that keeps the pressure constant when turning off one or more sections to avoid overdoses and losses. What is more, GPS is available as an optional extra to monitor flow control and automatic cutting of sections in the event of any overlap. Different work guide types are available, whether straight, curved or for special projects.

The wheel track is adjustable, and the ECO Ranger has a ground clearance of 60 cm. A side ladder and platform provide access to the tank. The ECO Ranger is fitted with an MP22 pump with an 80 litre/minute flow rate. This can be upgraded for high-flow applications. The MP22 cast iron pump, with three pistons and a ceramic lining, was developed in South Africa, and its dependability is well known. The piston pump has its piston mechanism and crankshaft immersed in an oil reservoir, guaranteeing a long life for the components.

ValtraC (Pty) Ltd. was originally established in Parys in the Northern Free State in 2005. What began initially as a sales and service centre for the Valmet/Valtra range of tractors soon expanded into the sales of other quality implements such as Kuhn.

ValtraC (Pty) Ltd. was established in Parys in the Northern Free State in 2005 and has since expanded to KwaZulu-Natal (Pietermaritzburg – with representatives in Wartburg, Creighton and Newcastle), Lichtenburg, Reitz and Middleburg. ValtraC also has independent dealers in Hartswater, Dendron, Malmesbury and Rieviersonderend stocking ValtraC products and spares, extending the legendary ValtraC service to the country’s furthest reaches.

“We strive to provide customers with expert opinion when purchasing machinery and implements together with a full range of parts and backup service,” concludes **Devin Dedwith** from ValtraC.

**Pull quote**

“We strive to provide customers with expert opinion when purchasing machinery and implements together with a full range of parts and backup service.” – **Devin Dedwith**, ValtraC.

**Social media**

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Such is the accuracy of the ECO Ranger boom trailed sprayer from Kuhn, distributed locally by ValtraC, that it is great for precision spraying – and can even be used to spray words and logos in fields.

***Ends***

**Notes to the editor**

To download hi-res images for this news article, please visit <http://media.ngage.co.za> and click on the AGCO link to view the company’s press office.

**About ValtraC**

ValtraC (Pty) Ltd. is a proudly South African company that initially started in Parys (Northern Free State). What began initially as sales and service of the Valmet/Valtra range of tractors soon expanded into the sales of other world-class quality implements. Now with more than 25 years of experience within our industry and a network across South Africa, we continuously strive to provide our customers with expert opinions when purchasing machinery and implements and extend to a full range of parts and backup services.

**About Kuhn Montana Parruda**

With 190 years of experience in manufacturing agricultural machinery, KUHN offers a range of products and services that ensure performance. As a leader in agricultural machinery, they offer the best products to farmers every day worldwide.

Montana Parruda sprayers were some of the first self-propelled sprayers in South Africa. KUHN bought the company ten years later. The reliability and simplicity of the Brazilian sprayers have been improved with world-class features and benefits. The Kuhn Sprayer models continually feature best in class with hill climbing, stainless steel tanks, aluminium booms and Trimble GPS as standard in a cost-effective package.

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