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MEDIA RELEASE

KUHN unveils new VB 7100 series high-performance round balers: a new standard in terms of density, capacity, and lifetime

For large farmers and contractors looking for a high-performance baler that creates extremely dense bales, KUHN introduces its new VB 7100 series. These variable chamber round balers create bales of up to 140 kg/m³ and give a capacity of up to 30 t/hour in various crop conditions. The heavy-duty design guarantees maximum lifetime with minimum downtime. With this introduction, KUHN sets a new standard in round baling.

“Agricultural entrepreneurs are facing ever-increasing demands on transport and production efficiency”, says Ruud Manders, Product Manager for variable chamber round balers. “With a faster and more robust baler that produces rock-hard bales they can save precious time and money, resulting in a high return on investment. Our long experience and valuable knowledge in the round baling sector helped us translating our customers’ needs into the development of an entirely new baler range.”

Intelligent density system i-DENSE

The VB 7100 series features the new KUHN patented* system i-DENSE. This intelligent twin tension arm system provides bale densities of up to 140 kg/m³ in straw. In combination with the measurements of the moisture sensor it automatically adapts the baling pressure according to the different crops and crop conditions, without the interference of the driver. This leads to the most economical use of the baler without compromising on performance.

High capacity in all circumstances

Silage or straw, the VB 7100 series balers are developed to offer outstanding performance in all circumstances. The unique mix of the i-DENSE system and the proven four belt and three roller design of the bale chamber ensures fast, consistent bale formation in any crop condition, even in silage baling. The KUHN invented INTEGRAL ROTOR ensures the best possible crop flow. The net binder with active stretch technology guarantees a consistent net tension and sturdy bale shape.

The VB 7100 balers feature the fastest tailgate operation in the market. Within four seconds the bale is ejected, and the tailgate is closed again.

Maximum lifetime, minimum downtime

Extreme durability of components, minimum downtime for maximum baling time. Thanks to its heavy-duty design, the VB 7100 series balers provide robustness and reliability. Four baler belts ensure optimal track and bale formation. Wear resistant and oversize chains are

greased with an automatic continuous chain greasing system. The rotor tines are made out of HARDOX® wear plate. 50 mm spherical roller bearings are fitted on the main driven rollers and special KUHN patented* seals on the idling rollers. These seals, consisting of a unique combination of two specially developed rings, ensuring that contamination is kept away from the bearings.

Ease of use is key

In the design of this new KUHN baler, ease of use was a focal point. The operator can focus on driving while the baler takes control of the baling density and the balers' power consumption - yet another advantage of the i-DENSE system. All this, including the moisture indication and many other data points can be monitored on the ISOBUS display terminal.

The net binding system can be loaded from both sides of the machine. Thanks to the new KUHN patented* support brackets, the net is slid easily from the net storage into the net binder without lifting the entire roll. Moreover, the operator can load the net roll whilst standing safely on the ground. Switching between the different sets of knives is a breeze when using KUHN's proven GROUP SELECTION technology.

The two models in the VB 7100 series, the 7160 and 7190, produce 1.60m and 1.85m round bales. Both are fully ISOBUS compatible; the intuitive user interface can be displayed on an ISOBUS tractor terminal, or on CCI 50 or CCI 1200 terminals supplied by KUHN.

*Patent or patent pending in one or more countries.

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Media contact:

Emily Perry

Norwood Marketing Manager

06 356 4920

Emily.Perry@norwood.co.nz

www.kuhn.co.nz



