LIEBHERR

Press release

KRONE’s BIG Pack HDP II with a new main gearbox by Liebherr

- **KRONE presents the successor model to the legendary BiG Pack 1290 HDP II at Agritechninca 2025 in hall 27**
- **Liebherr reinforces the large square balers with a robust main gearbox for top performance in the field**

At Agritechnica, KRONE presents its BiG Pack 1290 HDP II with a new main gearbox by Liebherr, which further increases the performance and efficiency of the baler.

Hanover (Germany), 8 November 2025 – Liebherr and KRONE are breaking new ground together. After several years of extremely successful use of Liebherr engine technology in the forage harvester BiG X and in the self-propelled mower conditioner BiG M, Liebherr is now also supplying the extremely robust main gearbox for the large square balers of the BiG Pack HDP II 1290 (VC). With the successor model to the legendary BiG Pack 1290 HDP II, KRONE is redefining the standards in professional straw harvesting. Designed to meet the highest demands, it combines maximum baling density of up to 235 kg/m³, enormous throughput of up to 85 tonnes per hour and intelligent control technology with maximum ease of use and durability.

Robust and reliable: ideal for extreme operating conditions

This poses enormous challenges, especially on the main gearbox, the centrepiece of every large square baler. A large flywheel, weighing over 600 kg and rotating at 1,160 rpm, is used as a power buffer, when the stable plunger presses the crop against the line with up to 15% more force than the previous model. Thanks to a safety feature of 10,000 Nm, even power outputs of well over 500 hp are possible at the PTO shaft.

Following intensive testing at KRONE's own "Future Lab" validation centre and successful practical use with several hundred thousand pressed bales, the BiG Pack HDP II 1290 now comes with the further reinforced Liebherr gearbox as standard. Due to the robust design of the gearbox, the maximum transmissible power has been further increased – for even greater efficiency and reliability under the toughest operating conditions.

About the Liebherr-Components

In this segment, the Liebherr Group specialises in the development, design and manufacturing of high-performance components in the field of mechanical, hydraulic, as well as electric drive and control technology. Liebherr-Component Technologies AG, based in Bulle (Switzerland), coordinates all activities in the Components product segment.

The extensive product range includes combustion engines, injection systems, engine control units, axial piston pumps and motors, hydraulic cylinders and piston accumulators, slewing bearings, gearboxes and winches, electric drive and energy storage systems, electronic and power electronics components, as well as software. The high-quality components are used in building construction and civil engineering, mining, tunnelling, machinery and plant construction, agriculture and forestry, wind industry, as well as maritime applications. Synergy effects with other product segments of the Liebherr Group are used to drive continuous technological development.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product programme. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2024, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

About the KRONE Group

The family-run KRONE Group is one of the largest manufacturers of commercial vehicles and agricultural machinery. In the core fields of today's megatrends, the company acts as a pacemaker in many sectors such as transport, mobility and agriculture. Customer-specific, state-of-the-art hardware and software solutions continuously drive the success of customers worldwide. In 2023/ 2024, the KRONE Group generated sales of around 2.4 billion euros and counted around 6,500 employees.

KRONE Agriculture

In agricultural technology, KRONE focuses on forage harvesting technology. Agricultural equipment by KRONE is used in more than 60 countries worldwide. Whether farmer, machinery pools or contractor - KRONE offers the right machine for every need. The portfolio lines up disc mowers, rotary tedders, round and square balers as well as forage wagons and trailers. The flagships of the programme are two self-propelled machines, the BiG M mower conditioner and the BiG X forage harvester. With the BiG X 1180 (with 1156 hp), KRONE has the most powerful agricultural machine in the world in its programme. The Speller Maschinenfabrik currently employs around 2,300 people.

Images

KRONE BiG Pac-1290 HDP II_1.jpg
Up to 85 t/h and up to 235 kg/m³ - Thanks to the new Liebherr main gearbox, the BiG Pack HDP II 1290 VC is now even more powerful and efficient on the road

KRONE BiG Pac-1290 HDP II_2.jpg
The BiG Pack HDP II 1290 (VC) is characterised by a robust and efficient drive train with straight drive shafts, a standard hydraulic starter aid and a large flywheel for smooth running

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