Press release

Attention: Please note that this information is embargoed until August 1, 2019

Download of text and photos

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LEXION – the second generation

Crucheray, July 2019. CLAAS presents the second generation of the LEXION. Seven hybrid and six straw-walker models with engine outputs between 790 hp and 313 hp are available to meet all users' requirements with regard to performance and straw quality. With APS SYNFLOW HYBRID and APS SYNFLOW WALKER, both the hybrid and the straw-walker machines feature new threshing units which are both extremely effective and efficient. The CEMOS AUTOMATIC operator assistance system in the new LEXION provides increased functionality, automatically and intelligently controlling and optimising the machine settings. Accompanying the new armrest, CEBIS now has a touchscreen and offers more integrated functions and maximum user-friendliness. A new drive concept with fewer belt drives makes for maximum reliability and machine availability.

Efficient with new threshing units

The new APS SYNFLOW HYBRID and APS SYNFLOW WALKER threshing units provide significantly enhanced threshing and separation performance. Both systems now work with a threshing drum diameter of 755 mm and 10 rasp bars. The APS SYNFLOW WALKER features a new, additional 600 mm separator drum behind the threshing drum.

In the case of the APS SYNFLOW HYBRID, the diameter of the feeder drum has been increased to 600 mm in order to ensure an optimal crop flow for the transition to the rotors.

New grain tank options with volumes of up to 18,000 litres and unloading rates of up to 180l/s make for extended operation and powerful unloading.

Precision through advanced technology

Once again in the new LEXION, CEMOS AUTOMATIC adjusts the machine settings automatically for optimal throughput and threshing quality.

The new electronic architecture includes the FIELD SCANNER which guides the machine along the edge of the crop or the tramline under laser control. Integrated in the cab roof, it uses the signal from the automatic front attachment detection function to adjust its response in accordance with the front attachment fitted.

The new QUANTIMETER can be calibrated from the cab and measures the yield without requiring the thousand grain weight.

DYNAMIC POWER is now also available in the LEXION and adjusts the engine output flexibly in accordance with the operating conditions.

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Comfortable with a new cab

The new cab design provides the operator with more space and excellent sound insulation. The new armrest is equipped with an adjustable CEBIS touchscreen terminal and a very large number of integrated functions, thereby allowing fast, intuitive operation of the machine.

Many functions, such as the speed reduction for the threshing drum or the straw chopper, can be actuated from the cab. Fast changeovers for handling a very wide range of crops are also made easier by the straightforward procedure for replacing threshing concave elements.

An increased pivot angle makes for an excellent view of the unloading tube from the cab. The grain tank is now very easy to access for tool-free adjustment of the auger baffle plates.

Almost all the new LEXION models are available with suspended TERRA TRAC crawler tracks and a 40 km/h top speed for maximum soil protection and comfort in the field and fast transport.

Reliable under all conditions

The new drive concept of the LEXION is designed for maximum reliability. It requires fewer belt drives, all the variators have been reinforced and can be connected to the central lubrication system. DYNAMIC COOLING is available for all LEXION models and provides uniform cooling while reducing the cleaning effort required for the air filter.

With REMOTE SERVICE, the operator receives optimal, immediate support to keep any downtime as low as possible.

Pictures

https://dam.claas.com/pinaccess/showpin.do?pinCode=JNLRQjt3MsyX

Journalists please note:

This is an international press release. The product range and equipment variants can vary in certain countries. If you have any questions, please contact the CLAAS sales and marketing company or the CLAAS importer in your country.

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About CLAAS

CLAAS (www.claas-group.com) is a family business founded in 1913 and is one of the world's leading manufacturers of agricultural engineering equipment. The company, with corporate headquarters in Harsewinkel, Westphalia, is the European market leader in combine harvesters. CLAAS is the world leader in another large product group, self-propelled forage harvesters. CLAAS is also a top performer in world-wide agricultural engineering with tractors, agricultural balers and green harvesting machinery. The CLAAS product portfolio also includes state-of-the-art farming information technology.

CLAAS employs over 11,000 workers worldwide and posted sales of 3.8 billion euros in the 2018 financial year.