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New high density QUADRANT

CLAAS has expanded the QUADRANT big baler range with the addition of a new model - the QUADRANT 3300. Building on the success of the QUADRANT 3200, this latest addition enables CLAAS to offer six different models, with 17 variants, so ensuring there is a model in the range to meet the widely differing needs of farmers, contractors and merchants.

The new QUADRANT 3300 produces a 120cm x 90cm bale, making it ideal for transport, and fills the gap in the CLAAS range between the QUADRANT 3400 (120 x 100cm bale) and the QUADRANT 3200 (120 x 70cm). Average bale weight in wheat is at least 430kg, though average weights of 492kg have already been achieved in UK barley straw.

To ensure high output and enable the baler to comfortably handle the largest swaths, the QUADRANT 3300 is equipped with a 2.35m wide pick-up with roller crop press. This features a cam-type slip clutch and an oil-hydraulic suspension system.

The stars on the 500mm diameter Roto Feed rotor positioned behind the pick-up, which revolves at 160rpm, feature a new arrangement in order to ensure that high quantities of material can be quickly and efficiently cleared from the pick-up into the pre-chamber.

The pre-chamber has also been redesigned and can be controlled either automatically or manually. In automatic mode the plunger, which is controlled by a cam on the main transmission, makes two feeder cycles prior to each full stroke when the material is passed into the main chamber. In manual mode, using the COMMUNICATOR control unit, the operator has the option of three different settings, so ensuring the pre-chamber is evenly filled for perfect, high density results in all conditions.

The main bale chamber itself is 3.00m long and a high plunger speed of 46 strokes per minute with a maximum chamber pressure of 200 bar, ensures high density bales can be consistently produced.

The QUADRANT 3300 is fitted with six knotters, each of which is kept clean by the TURBO FAN system that maintains an air flow of 140 km/h. Each knotter is able to swivel to ensure the twine is cleanly gripped and are powered in and out of the bale to give faster tying time and ensure optimum timing with the plunger.

The QUADRANT 3300 is controlled using the CLAAS COMMUNICATOR which enables the operator to quickly and simply set-up and check the baler status as required. Up to 20 customer records can also be retained at any one time and the COMMUNICATOR now also warns the operator if the bale chamber pressure exceeds 200 bar, and can display the average size of the last three plunger strokes.

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In common with all CLAAS QUADRANT balers, the new QUADRANT 3300 is fully shaft driven for a positive drive to each component and greater reliability, plus it features automatic lubrication, which can be controlled via the COMMUNICATOR.

As on other high capacity QUADRANTs, the QUADRANT 3300 is available with either a single, tandem or a steered tandem axle, all fitted with floatation tyres. Options include a bale discharge indicator and a moisture indicator.

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