

Designed and Built to
A HIGHER STANDARD





Advanced COMFORT AND ERGONOMICS



One look at the new Challenger® MT700C, MT800C and MT900C Series track and articulated tractors and you might think the “C” stands for comfort, convenience and control. Granted, customers will easily find various improvements from front to back, like the new field lighting and better service access. However, a majority of the “C” Series’ advanced features are found in the cab.

They start with an all new digital dash display that provides simple information with a quick glance. In addition to gauges and icons that are easier to read, the cluster includes a new readout that indicates the selected gear, as well as ground speed and service hours.

All of the controls have been redesigned for simpler and more intuitive operation. Non-critical controls have been

centralized in the cab roofline, while all operational controls are ergonomically placed on the Tractor Management Center to provide maximum comfort and greater ease of use by any operator.

New vent locations for the Surround-Flow HVAC system improve airflow by reducing restrictions and allow the operator to find the optimum comfort level for long days in the field.

Perhaps the most valuable feature of the new “C” Series tractors, though, is the new ISOBUS control system, which has been integrated into the Tractor Management Center (TMC).

Seamless COMMUNICATION



What is ISOBUS? ISOBUS is the future in farm equipment. Fortunately, it’s here today in all Challenger MT700C, MT800C and MT900C Series models — which are fully ISOBUS compliant. As the new standard for electronic communications used in agriculture, ISOBUS allows any compliant tractor to communicate to any compliant implement. With the vast amount of data available today, ISOBUS technology helps optimize productivity and performance by allowing information to be managed more efficiently and easily. So what does ISOBUS mean to you, the end user?

SIMPLICITY: Less complicated wiring designs and simple electronic signals mean a much simpler tractor overall. The single TMC monitor in the “C” Series cab can control all the functions of tractor, implements and a guidance system. Maintenance and on-site diagnostics are also quicker and easier, meaning a down machine is up and running even faster.

INFORMATION: In this technology age, information is priceless. With an ISOBUS system, all data from the tractor and implements is in the same language, which allows it to be transferred to your computer for diagnostics, data analysis, mapping and/or farm management decisions. When all the data is in the same language, precision farming becomes a “breeze.”

PEACE OF MIND: With ISOBUS technology, any compliant tractor will work with any compliant implement, no matter the manufacturer. This means no more headaches with adapters, extra monitors and extra time just getting an implement to work with the tractor. Once they’re hooked up — which only takes a matter of seconds — the tractor and implement become one tool and that works seamlessly.



The New Benchmark In **FINGERTIP CONTROL**



A TMC MONITOR

The all new Challenger Tractor Management Center (TMC) monitor controls all functions of the tractor, as well as any ISOBUS compliant attachments. Using the simple Function Keys and Rotary Dial, nearly every tractor or implement function can be controlled and modified for any operating condition.

E POWER MANAGEMENT

When activated with the simple push of a button, Power Management automatically coordinates engine speed with the transmission, which allows the tractor to operate as efficiently as possible. Utilizing this feature will maintain engine speed and transmission gear for the highest productivity in a given operation.

C ENGINE SPEED SWITCH

The "C" Series track and articulated Challenger tractors feature a preset engine speed switch with two memory settings. This allows for consistent engine speeds in field operations or for different settings during headland turns.

D HYDRAULIC SYSTEM

The new hydraulic system comes with up to six in-line fingertip controls - the most in the industry - for unmatched comfort and ease of operation. The system provides additional versatility with higher, more precisely adjustable flow rates and interchangeable valve sizes to match any implement and application.

E ONE-TOUCH HEADLAND MANAGEMENT SYSTEM

The redesigned One-Touch headland management system makes tractor operation simple and efficient. Headland sequences can be pre-programmed in or easily modified on screen without re-recording the entire sequence again. The sequence is activated, paused, or restarted at the touch of a button on the shift handle.



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