

The icon of farm machinery



“The 8R is a highly productive and efficient tractor with greater capacity.”

CHRIS WILTSHIRE

In terms of kit on the farm, the tractor is undoubtedly the iconic daddy of big kids’ toys. CPM collates some of the latest updates that’ll be ready to play soon.

By Janine Adamson

Irrespective of how many years happen to be ‘on the clock’ – from the youngest member of the family or team through to the most senior – the tractor will forever retain a special place in the hearts of all.

To be bold – it’s an iconic symbol of agriculture that most members of society can correctly identify. However, the specific details, upgrades and developments that yield from manufacturers are probably only of interest to those at the coal-face or

complete tractor nuts... the ‘enthusiasts’.

And while most have a preference or sway on brand, it’s hard to deny the gravitas of the green stable. After all, nothing runs like a Deere.

But of course competition is stiff in this sphere, so in a bid to retain its position at the front of the pack, John Deere released a number of updates to its 8R, 6R and 6M tractor ranges during the summer, for model year 27.

Starting with the 8R, according to the firm’s Chris Wiltshire, this high

horsepower machine has been designed as the ultimate cultivation tool. “It’s for large-scale farms that are looking to do more with their own businesses; it’s a highly productive and efficient tractor with greater capacity,” he says.

Delving into some of the detail, the updates are available as 8R tractors from 280 to 410hp, as well as 8RT and 8RX models from 310-410hp. Collectively, John Deere is positioning these machines as a powerful and versatile solution for demanding farming operations, with tasks ranging from heavy pull to semi-load applications and occasional transport.

Of particular interest to arable outfits should be up to 20% more drawbar power. The 8R 410 delivers strong pulling performance for heavy draft



Proven Performance. Intelligent Harvesting.

50 years ago, New Holland transformed the way farmers harvested with the introduction of groundbreaking Twin Rotor™ technology.

Today's latest generation of CR combines bring together proven Twin Rotor™ harvesting performance with the latest PLM Intelligence. High-capacity harvesting, outstanding grain quality and intelligent connectivity come together to help you get more from every pass.



6R level up

Improvements introduce technical refinements aimed at road transport performance, operator environment, precision farming capability and long-term operating efficiency.

applications, allowing operators to work with wider implements and cover more area efficiently. Across the range from 280-410hp, the 9.0 I PowerTech JD9 engine together with a wide selection of transmission options, converts engine output into efficient, usable traction.

As for drilling, the new 8 series is engineered to meet the specific demands this places on a tractor: efficient partial-load operation, precise control and minimal soil impact, all in a balanced package. In fact, independent tests suggest up to 35% higher productivity in partial-load and combined applications, enabling higher output and the efficient use of wider implements.

Specifically, thanks to its efficient drivetrain and favourable weight distribution, the tractor can operate large drills economically, often without additional ballast. Intelligent power management (IPM) ensures the tractor delivers exactly the power required, maximising efficiency when full output isn't required. The central tyre inflation system (CTIS) – or the four-track 8RX configuration – further minimises ground pressure, helping to protect soil structure and yield potential.

Looking at transmission, this now provides smooth, stepless acceleration with 50km/h transport at a low 1150 RPM level, improving fuel efficiency and

comfort. At low speeds up to 5km/h, the drivetrain operates fully electrically, offering precise control and maximum torque for demanding work such as silage pushing or heavy PTO operation.

Equally, operator experience been a priority during the design process, with the firm stating that it's added all of the comfort features to the 8 series as standard, for the 'ultimate' experience in the cab. For one, the updated CommandView 4 cab introduces a range of improvements aimed at reducing fatigue and simplifying daily operation, from push-button start with pin code protection to 320° wiper, and wireless phone charging.

PRECISION READY

Moving to tech, every 8R, 8RT and 8RX tractor leaves the factory precision-ready, equipped with integrated receiver technology, a G5Plus CommandCenter display and JDLink connectivity. Field tasks including machine settings, guidance lines and application maps – pre-planned with AutoStart in the John Deere Operations Center – are sent wirelessly to the machine and start automatically when crossing the field boundary.

Wireless data synchronisation with the John Deere Operations Center removes manual data transfer, while

in-field data sharing allows linking multiple machines to work together seamlessly. And, the new 8 series tractors come ready to be retrofitted with John Deere autonomy technology.

John Deere's Marcus Luchmann says all-in-all, the new 8 series is designed to deliver tangible benefits in everyday farm operations. "From increased usable power in the 8R high-horsepower models for demanding cultivation work, to high efficiency in partial-load applications such as drilling with the 8R 410 eAutoPowr, the range is built for consistent performance.

"Combined with the advanced John Deere precision ag technology available across the series, these tractors help large farms operate more efficiently, expand acreage without adding machines, and manage existing land with greater precision."

Shifting to the 6R, the update comprises four Large Frame models (6R 180, 6R 200, 6R 220, 6R 240) and two Xtra Large Frame models (6R 230 and 6R 260), with outputs up to 305hp with IPM. The improvements introduce technical refinements aimed at road transport performance, operator environment, precision farming capability and long-term operating efficiency.

Starting with ride comfort, the key standouts are automotive ergonomics, adaptive damping, steering and



Avatar SD



Sprinter SL



Sprinter ST



VERSATILE DRILLING - DIRECT & MIN-TILL

Direct and min-till seeding drills that offer renowned precision, reliability and versatility from 3m to 12m: **Avatar, Pronto, Sprinter, Focus, Maestro, Express** and **Versa**. To discover more about the wide and versatile range of cultivators, drills and sprayers, speak to your local HORSCH branch **HORSCH.COM**

TOGETHER FOR A HEALTHY AGRICULTURE

DISCOVER THE BEST MACHINERY, SERVICES, CONTRACTORS AND MORE

NEW for 2027: Plant & Construction Zone!

FREE ENTRY, FREE PARKING

West Country Farming & Machinery Show



Westpoint Exeter 10th February 2027

- ✓ Latest **machinery** and **equipment**
- ✓ Agricultural suppliers and services
- ✓ **One-day**, focused event
- ✓ Live **auction** by Stags



Interested in exhibiting?

☎ 07501 228882

✉ rhiane.easton@kelsey.co.uk

► braking updates. Furthermore, the sport package pro combines chassis, steering and braking updates to improve stability, ride quality and steering precision on- and offroad.

Central to this package is the updated TLS pro front axle suspension that combines adaptive, adjustable damping and suspension with automotive-grade components and reinforced suspension cylinders. The system continuously adapts to speed, load and surface conditions and is calibrated to each frame size. It operates fully automatically or can be adjusted via custom mode to suit operator preferences and ballast configuration.

The next-generation hydraulic cab suspension (HCS) features new low-friction suspension cylinders, an updated controller and revised cab mounting components. John Deere states that together, these improvements reduce vibration, harshness and noise, and protect the driver from uneven ground conditions.

The new 6R tractors also introduce the CommandView 4 versatility cabin with increased volume and a revised layout to provide more legroom and a more natural seating position. A redesigned cab frame with forward-sloping c-pillars and a curved rear window improves rear implement visibility by up to 20% compared with the previous model.

All updated 6R tractors are delivered with StarFire 7500 integrated receiver, G5 CommandCenter and JDLink modem, enabling immediate access to guidance, automation and even supervised autonomy, subject to licence selection.

As for its power, it combines the series-turbocharged engine of the 6R 260 with a compact 2800mm wheelbase, creating a 'highly powerful all-rounder machine especially suited for contracting operations'. The standard AutoPowr transmission offers up to 85% efficiency, supported by hydraulics up to 210 l/min, up to six fully independent rear SCVs plus two front SCVs and a Power Beyond hydraulic connection.

At the top end of the range, the MY27 6R 260 delivers up to 305hp with IPM and introduces the new e19 full powershift transmission. Building on



Gear selection

The updated 6M has new e19 full powershift transmission for efficient performance in both field and transport applications.

the PowrQuad technology, it integrates a dual-clutch design and advanced proportional control valves to ensure smooth, uninterrupted gear changes, a more dynamic driving experience and exceptional pulling performance (see more information below).

The specification also includes integrated single-line (CTIS) with a dedicated 700 l/min dual-piston compressor that can inflate 1-bar in only four and a half minutes.

Finally, there's the 6M tractor series. This update includes a revised cab layout, a more consistent operating concept across the tractor series, expanded

precision agriculture functions and like the 6R, a new e19 full powershift transmission.

"The update is all about consistency, usability and versatility," highlights Marcus. "By aligning cab layout, controls, and precision ag functionalities across the 6M range up to the latest 8R and beyond, we're making it easier to integrate

6M tractors into existing fleets without sacrificing precision technology or data management capabilities."

Looking in more detail at the e19 transmission, this features 19 fully powershifted gears designed to deliver efficient performance in both field and transport applications. It works by continuously adapting gear selection and shifting behaviour based on multiple tractor inputs, supporting efficient operation and fast gear changes with no torque interruption under varying load conditions.

FAST AND PREDICTIVE

The system allows clutch-free operation similar to a stepless transmission, while an inclination sensor adds terrain awareness to gear selection, making changes faster and more predictive. 'Skip shift' jumps multiple gears for rapid speed changes, while 'scroll shift' keeps clutches partially engaged for even faster transitions, reduced heat, and less wear.

Compared with the CommandQuad Plus transmission, the e19 can deliver up to 5% productivity improvements, with up to 5% reduced fuel consumption. The e19 transmission will be available on most 6-cylinder models up to the 6M 250.

As for tech, the 6M series can be equipped with StarFire 7500 receivers, G5 displays and JDLink connectivity. SF-RTK enables positioning accuracy down to 2.5cm; while standard G5 functionality includes section control and variable rate control, with optional upgrades such as AutoTrac turn automation, AutoPath and passive implement guidance.

Considering specific applications, the 6M lineup continues with 17 models in total. The 6M 125, 6M 145 and 6M 220 represent key configurations for different applications; the short-frame 6M 95 to 6M 125 models are ideal for loader work and confined spaces; while the 6M 145 combines six-cylinder performance with e19 transmission features, thus offering high pulling capability in a compact format.

The 6M 220 combines intuitive operation, full precision ag integration, and strong pulling power to integrate seamlessly into existing fleets at a value-spec cost level. According to John Deere, a broad transmission portfolio makes this model suitable for tillage, transport, and PTO applications. ● ►

"These tractors help large farms operate more efficiently, expand acreage without adding machines, and manage existing land with greater precision."



More from Massey

Six new tractor models due to roll in 2027

The new MF 7S MARK 2 series has been announced by Massey Ferguson, featuring six models from 170-245hp. According to the firm, the series delivers 'significant changes' from the current MF 7S models, which will remain in the range.

The new tractors include an AGCO Power six-cylinder, 7.5-litre engine; Dyna-VT transmission as standard on all models; a brand-new cab featuring MF's Protect-U design; the latest MF technology options and fleet management software; and a

new Datatronic 6 12" touchscreen.

Looking in more detail at the AGCO Power engine, this features a single turbo and 25% fewer parts than its predecessors for improved long-term reliability; stage V emissions are met without exhaust gas recirculation.

Maximum power is available across a wide engine speed band, while the torque curve remains flat between 800 and 1500rpm for all models. A larger 410-litre fuel tank (+25% compared to MF 7S) and a 56.5-litre AdBlue tank (+88% compared to MF 7S) are

both standard on the new models.

All MF 7S MARK 2 models are fitted with the two-range MF Dyna-VT transmission, offering a maximum speed of 57kph. A four-speed PTO is standard, as are high-capacity hydraulics.

For the operator, the tractors feature a redesigned version of the spacious MF 8S cab plus a new Datatronic 6 12" touchscreen terminal to simplify navigation to key machine settings. This is twice as large as the previous screen fitted to this size of MF tractor.

There's also generous in-cab storage, an optional fridge, and a factory installed mobile phone holder for mounting on the armrest or terminal rail.

For data enthusiasts, new MF 7S MARK 2 tractors will be the first with PTx FarmENGAGE supplied from the factory. The next-generation farm operations management software is compatible with all farm machinery brands to wirelessly transfer data for precise management and monitoring through the integrated telemetry system.

In addition, all tractor, machinery, field, cropping and task management data can be shared by USB or through the cloud, thanks to the connectivity centre included in PTx FarmENGAGE.

Full production and first deliveries of the new MF 7S MARK 2 will begin in spring 2027.



Cab updates

The new tractors feature a redesigned version of the spacious MF 8S cab plus a new Datatronic 6 12" touchscreen terminal to simplify navigation to machine settings.

A LONG WAY TOGETHER



V-FLEXA

No matter how challenging your needs, V-FLEXA is your best ally for agricultural trailers, tankers and spreaders. This latest-generation product features VF technology, which enables the transport of heavy loads both in the fields and on the road at lower inflation pressure. V-FLEXA is a steel-belted tyre with a reinforced bead that provides durability, excellent self-cleaning properties and low rolling resistance even at high speeds. V-FLEXA is BKT's response for field and road transport with very heavy loads avoiding soil compaction.



Discover the
BKT Range

IMPORTER FOR THE UK



Tel: +44 0151 728 4171
bkt_enquiries@kirkbytyres.co.uk
www.kirkbytyres.co.uk

VISIT US AT
ORGANIZED BY
eima
FEDERUNACOMA
INTERNATIONAL
TWENTYSIX
**BOOTH B/1
HALL 36**



[bkt-tires.com](https://www.bkt-tires.com)

What else is new in tractors?

DEUTZ-FAHR

Unveiled at Agritechnica 2025, the Deutz-Fahr Series 8 represents the next generation of high-performance tractors, which the firm claims are a symbol of 'power, precision, and technological leadership'.

The Series 8, operating at 313-340hp is powered by the proven 6.7-litre FPT N67 engine, delivering an ideal balance of power, responsiveness and fuel efficiency. With up to 1398Nm of torque, it provides the performance required for the most demanding field operations while ensuring smooth,

confident transport on the road.

The advanced eVGT turbocharger continuously adapts to the engine load, delivering rapid response, strong low-end torque and consistent power throughout the entire operating range. Combined with a 1600 bar common rail injection system, it optimises combustion for outstanding fuel efficiency, low emissions and immediate throttle response.

At the tractor's heart lies the SigmaVision cab, which the firm says is spacious, quiet, and fully digital, integrating a 15" iCluster display and



12.8" iMonitor 5 for control of machine parameters, ISOBUS functions, and smart farming applications.

Connectivity takes centre stage – thanks to SDF Smart Farming Solutions and the MyDEUTZ-FAHR App, operators can manage fleets, monitor performance in real time, and stay connected with their dealer network for remote diagnostics and updates.

FENDT



Bringing in the power is Fendt with the firm's new 1100 Vario MT series, comprising four models ranging from 521hp to 680hp. Built at the firm's Jackson factory in Minnesota, the 1100 Vario MT Gen 2 series features an entirely new cab, which includes the familiar FendtONE workstation, a new lighting system and a selection of customisable configurations for the terminals and 3L-joystick.

"The new 1100 MT has incorporated the best features of the wheeled tractor range alongside class-leading economy and power to help save farmers time and money," explains Fendt's Ed Dennett. "The MAN D38 and MAN D42 have updated engine control units, a new Tractor Management System (TMS) and a hydraulic fan system that runs independently of the engine."

The cab includes an armrest with multi-function joystick and freely assignable buttons, a 12" armrest terminal, 3L-joystick and a digital dashboard behind the steering wheel. ISOBUS implement control is standard, and there are new agronomy functions including doc task management and telemetry functions. A further option

KRM

SOMETHING NEW IS COMING....

For the coming season KRM with Bogballe are introducing a series of new developments across their range of fertiliser spreaders. Introducing smart technology to improve accuracy and simplify operation for more efficient fertiliser application.

Find out more at:
www.krm-ltd.co.uk
or call 01423-324221



is the Fendt Guide guidance system.

Ed highlights that the MT series has the option of Fendt's TI Headland management system which automates headland turns and adjusts the height of the implement automatically. "A dual pump offers greater oil capacity and pressure and the MT can be specified with up to eight spools. Key to the innovation of the MT is its Mobile Track System (MTS) which helps provide a smooth ride while spreading the weight of the tractor to minimise soil compaction."

The MT runs on a 3m long twin track that uses 10m of tracks to make the system longer lasting than triangular systems. The six-axle track design distributes the nearly 20t weight of the MT, and new Michelin tracks range in width from 18-36", although the widest available in the UK will be 27.5" to keep the overall width of the tractor to 3m.

"A two-track design with fewer moving parts provides reduced operating costs and the longer track enables the maximum permissible weight of the MT to increase by 7t to almost 27t, with a rear lift capacity of 9t," raises Ed.

The MT promises to be 'easier to

live with' thanks to dust extraction and passive filter cleaning, easy access oil control and the option of a compressed air connection for cleaning. While its fuel tank has increased by 16 litres to 1370 litres, and an upcoming DLG test should prove fuel economy to be class leading.

"The Fendt 1100 Vario MT series is available to order now from UK dealers and we expect the first machines to be delivered early in 2027," comments Ed.

CLAAS

According to CLAAS, it's making a 'strong statement' in the four-cylinder tractor segment with its new Arion 5 Cmatic series, featuring maximum outputs ranging 145-180hp.

In addition to continuously variable, power-split Cmatic transmission, the three new models are characterised by the highest levels of driving and operator comfort, future-proof digital machine and farm management solutions, and the emotive design of the new CLAAS tractor family, claims the firm.

The three tractors are successors to the Arion 500 series and should prove suitable for versatile



agricultural use in fields, grassland, on roads and around the farm.

The four-cylinder concept, optimised for performance, efficiency and driving comfort, features a durable Cmatic gearbox, combined with comfort-enhancing features in the fully-suspended cab and the Proactiv front axle suspension.

All three models in the Arion 5 Cmatic series are powered by a dynamic 4.5-litre engine delivering a maximum torque of up to 730Nm at 1500rpm.

For CLASS, the new releases represent a compact, manoeuvrable, lightweight and extremely versatile alternative to the Arion 6 Cmatic series, which also comprises three models with a longer wheelbase and covers a power range from 145-205hp maximum output.

Väderstad Rapid

Precision, speed and reliability in every pass.



Designed with the driver in focus, the Rapid delivers outstanding seeding precision and crop quality.

With Väderstad SeedEye, farmers gain full control – set seeds per square metre with no calibration required.

VÄDERSTAD
Where farming starts