

T

SERIES COMBINES



JOHN DEERE

NOTHING RUNS LIKE A DEERE



JOHN DEERE

T670i

40



CONTENTS

Overview	04
PERFORMANCE	07
Headers	10
Crop Flow	16
Residue Management.....	26
Traction	30
UPTIME	35
Servicing.....	36
John Deere Connected Support™	38
Harvest Promise.....	40
COMFORT	43
Cab.....	44
Automation.....	50
PRECISION AG	55
Digital Harvesting	56
SPECIFICATIONS	64

THE 50 TON

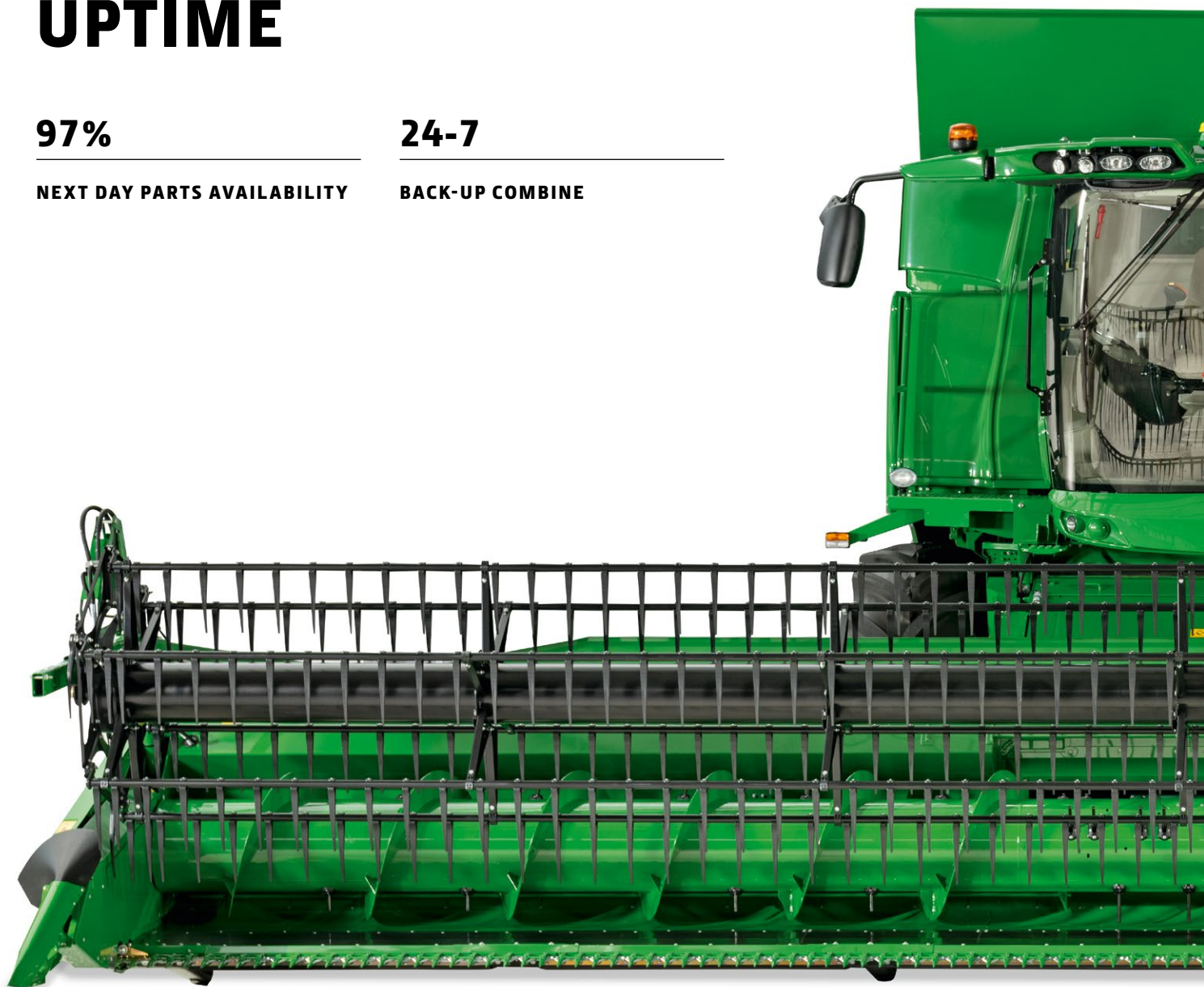
UPTIME

97%

NEXT DAY PARTS AVAILABILITY

24-7

BACK-UP COMBINE



PERFORMANCE

>50 t/h

MASSIVE THROUGHPUT

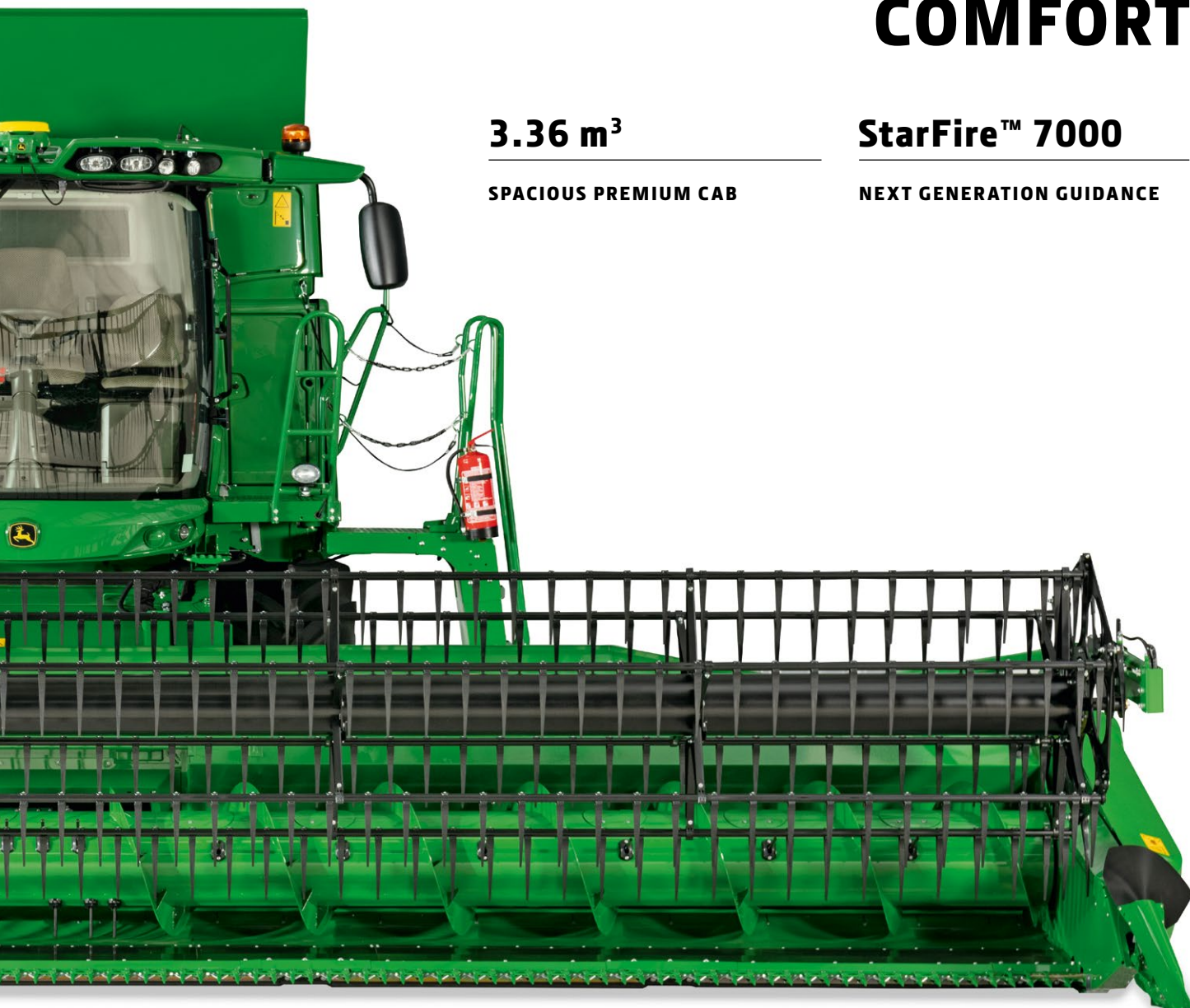
4.0 m²

ACTIVE SEPARATION

<1%

BROKEN KERNELS

NE COMBINE



COMFORT

3.36 m³

SPACIOUS PREMIUM CAB

StarFire™ 7000

NEXT GENERATION GUIDANCE

PRECISION AG

JDLink™

MOBILE CONNECTIVITY

DataConnect

DATA SHARING

Operations Center

DIGITAL FARM MANAGEMENT





PERFORMANCE

The largest separation area of any walker combine on the market. One of the largest cleaning shoes. Plus a uniquely configured multi-drum threshing and separating system that passes the crop 'over-the-top' without any sharp bends for unbeatable straw quality. For a combine this compact, the performance is off-the-scale.

**T. THE WORLD'S NUMBER ONE WALKER
(PROFI 10.2020)**

50 TONNE PROOF

INDEPENDENT THROUGHPUT TESTS

We were so confident of the 50 tonnes per hour throughput of the T-Series we asked two independent magazines to carry out tests in the 2019 and 2020 harvest seasons.



traction

THREE MACHINE TEST

Traction magazine followed two contractors throughout the 2019 harvest season. One was operating a T550i in the south of Germany and the other, two T670i in the north. All were equipped with JDLink™ connectivity for data collection as well as active feeding headers.

In the south the harvest season proved ideal and there were few hold-ups with the T550i covering a staggering 338 ha, travelling 730 km between fields. A support machine to an S780i, the operator was impressed by the overall output and the chopping quality.

In the north, cold and wet weather led to many interruptions although the two machines managed to harvest 1,050 ha. Average outputs in barley and wheat were 25 - 40 t/h, but in more favourable conditions they were well over 50 t/h.



2019 HARVEST DATA	T550i	T670i
Total combinable area	388 ha	525 ha*
– Wheat	182 ha	315 ha*
– Barley	175 ha	105 ha*
– Rapeseed	23 ha	105 ha*
– Peas	8 ha	–
Grain throughput	25 - 30 t/h	35 - 50 t/h
Loss rate	0.5 - 1.0%	0.5 - 1.0%
Percentage of damaged grain in barley	0.58%	0.71%
Percentage of damaged grain in wheat	0.67%	0.63%

* per machine



profi
THE PROFESSIONAL FARM MACHINERY MAGAZINE

NON-STOP TESTING

In 2020 Profi magazine took a T670i with a 9.15 m Premium Flow header to the Groß Walmstorf Estate in north east Germany for 13 hours of non-stop testing. Close to the shores of the Baltic Sea, harvesting can suffer from many of the farming issues of coastal areas with dry crop on top and green wet straw underneath.

Three fields with a wheat variety called RGT Depot were cut in total with yields as high as 9.9 t/ha. Moisture levels were typically around 13-14% throughout the day, but as you would expect, they rose sharply in the evening and by 11.30 pm moisture was up to 32%.

In total, 640.0 t of wheat had been harvested in 14.5 hours. When fuel stops and the odd break were taken into account, average throughput was 49.9 t/h. A result many could not imagine would be delivered by a 6 walker combine – setting a new benchmark.

50 t/h

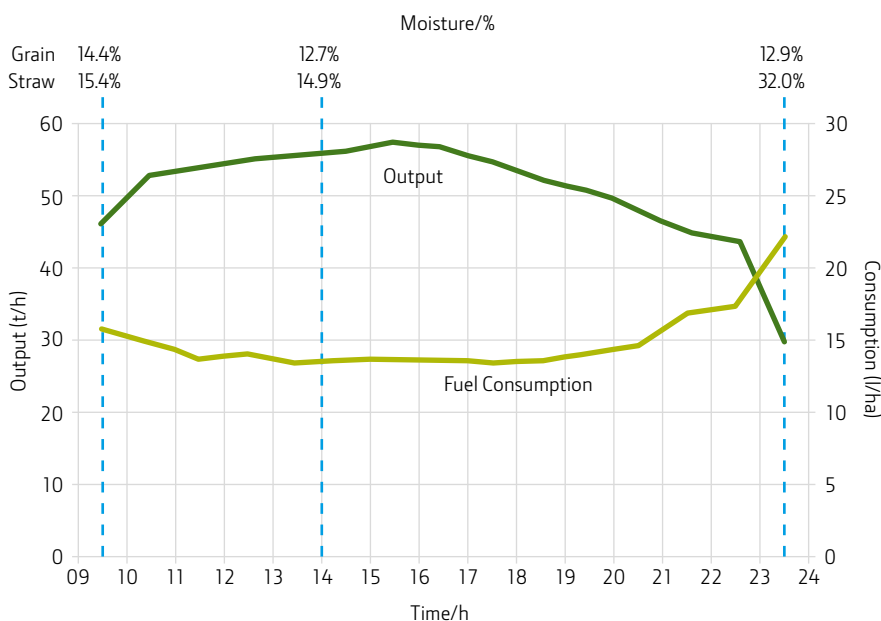
GRAIN THROUGHPUT

<1%

GRAIN LOSSES

1.45 L/t

AVERAGE FUEL CONSUMPTION (CHOPPING)



 **YouTube**

Watch the Profi test

ACTIVE FEEDING ALL-ROUNDER

RIGID DRAPER FLEX (RDF)

If you want the ultimate in capacity and flexibility for your T-Series, the RDF with its 1,016 mm deep belts is the logical choice.

You enjoy heads first feeding of a draper header in wheat and barley, but you also get rapeseed capability and HydraFlex™ technology. This allows the cutterbar to flex and hug the ground across the full width and is particularly useful when harvesting beans and peas. The deep 1,016 mm belts with their patented grain saver design also minimise dribble losses.



10.70 m**CUTTING WIDTH****190 mm****FLEX ACROSS
CUTTERBAR****460 mm****TOP AUGER****410 MM HIGH-CAPACITY FEED DRUM**

The large feed drum with its flighting on the tapered ends draws the maximum amount of crop into the feederhouse. The dual-speed centre feed section can be adjusted for different crops and conditions without the need for tools, while the stainless-steel floor under the feed drum improves wear life and durability.

RAPESEED CAPABILITY

A large, 460 mm top conveying auger, which improves feeding in bulky, high yielding crops like rapeseed is available, as well as a centre section sealing kit and backsheet extensions. Mechanical rapeseed knives can also be fitted.

**HYDRAFLEX™ GROUND FOLLOWING**

The amount of pressure on the cutterbar can be adjusted to perfectly match the soil conditions. HydraFlex™ headers also move by up to 190 mm across the full width of the cutterbar. When you add to this a low cutting height of just 38 mm, the ground hugging performance is outstanding, collecting more crop with every pass.

HIGH HARVESTING SPEEDS

The hardened double-cut knives with a timed dual knife drive system provide a clean cut even at high speed. The epicyclic knife drive system ensures a linear knife movement for less stress and reduced wear.

 **YouTube** Watch the animation

PASSIVE FEEDING ALL-ROUNDER

700X

The 700X is a superb auger header with excellent multi-crop versatility and a 1,200 mm extendable table that catches every grain.

The 700X offers many innovative features. Changeover between crops takes less than 3 minutes without the need for tools. Grain loss is typically less than 1% in rapeseed* thanks to the longest extendable table on the market. And, all the controls are fully integrated with automatic functions for easy set up. It's the perfect header for operators who need fast switching between crops.

LESS THAN 3 MINUTES CROP CONVERSION

With no belts or filler plates to mount, switching to rapeseed or sunflowers is quick. The side knives weigh just 23 kg and they are mechanically driven with no large motors fitted at the top. This reduces wear and vibration and minimises shattering losses.



STAINLESS STEEL FEED FLOOR

The integrated stone guard and feed plates are made from stainless steel. Apart from being rust-proof they have a smooth feeding surface for better crop flow.

* Technical Analysis of different types of headers, Michel Allmrodt, Martin-Luther-University, Halle-Wittenberg

10.70 m**MAXIMUM WIDTH****710 mm****TABLE EXTENSION****<3 min****CROP CONVERSION****EXCELLENT GROUND FOLLOWING**

Automatic height control sensors placed close to the cutterbar knives (4 on smaller headers and 6 on the 10.70 m header), ensure the 700X hugs every contour, picking up crop even in the most challenging conditions

EXTENDABLE TABLE

The table extension to 1,200 mm is equal to the length of a professional rapeseed extension and can be extended on the go. This is useful in challenging conditions such as down crop, which is often laid in one direction and is difficult to harvest. It also helps reduce plugging and captures more grain.

PASSIVE FEEDING VALUE HEADERS

600R AND 600F

The 600 Series are well proven headers offering excellent value with many premium features as standard.

The 600R is primarily a small grain header with a mechanically adjustable table length. The 600F features a floating cutterbar which cuts cleaner on uneven ground and is an excellent choice for peas and beans.

20 MINUTE CROP CONVERSION

It only takes around 20 minutes to adapt the 600R and 600F for rapeseed or sunflower harvesting.

RAPSEED EXTENSION

The header extension kit allows you to harvest rapeseed efficiently with very low losses ~1%*. The mechanically driven knives minimise vibration and the completely enclosed side wall ensures seeds fall onto the table extension.

10.70 m

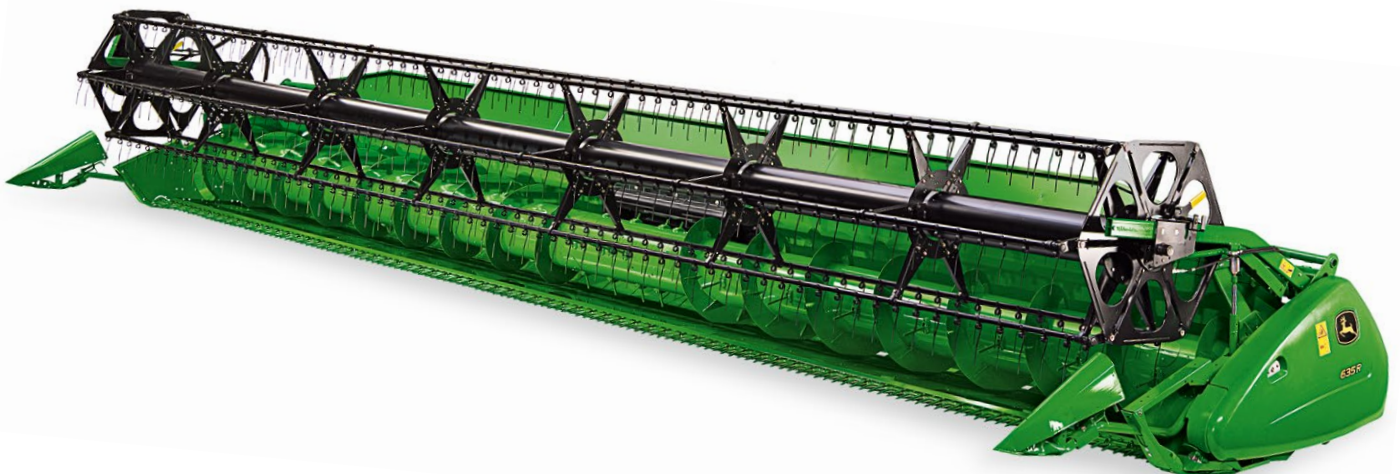
MAXIMUM WIDTH

660 mm

LARGE AUGER

~1%

RAPSEED LOSSES



* Technical Analysis of different types of headers, Michel Allmrodt, Martin-Luther-University, Halle-Wittenberg



OPTIMISED FOR PEAS AND BEANS

The result of decades of know-how in harvesting soya and beans, the 600F takes the proven frame, drives, auger and stainless steel feed plates of the 600R and adds its own unique flex technology. Fully integrated with the combine, up to three different header and reel positions can be stored in the "1-2-3" positions in the hydro handle.

CLOSE CUTTING ON UNEVEN GROUND

The flexible cutterbar can move up and down by as much as 152 mm over the whole width of the header, gathering more crop. The flotation pressure can be adjusted from the cab and provides fast ground adaptation and reduces bulldozing in wet or loose ground.



EXTRA WIDE FEEDING

XTRA CAPACITY FEEDERHOUSE

The feederhouse is where the true performance of the T-Series begins.

Engineered to the same width as the rest of the crop channel (1.67 m 6 walker models) there are no flow restrictions throughout the combine. This helps produce an even crop stream for excellent threshing and separating. It's one of the secrets to the high capacity throughput of the T-Series.



PRE-ACCELERATES CROP

The feederhouse accelerates the crop to 3.6 m/s before it reaches the threshing drum. Forming a thin, tight crop mat, the end of the feederhouse is close to the threshing concave with no dead space. This ensures the crop is launched straight into the concave for more efficient threshing.

INSTANTLY CLEARS PLUGS

The powerful 80 hp mechanical reverser will clear any plugs in seconds directly from the cab. The slip clutch on the header drive system is also updated to 900 Nm for added protection in challenging conditions.



EASILY PICKS-UP DOWN CROP

The 18° fore and aft tilt allows the header to be adjusted for the perfect stubble height. It comes into its own in down crop where you can hug the ground and leave a clean field behind. What's more, the long feederhouse body gives you excellent visibility over the header to monitor crop feeding.



80 hp

**MECHANICAL
REVERSER**

900 Nm

SLIP CLUTCH

18°

FORE AND AFT TILT

MASSIVE ACTIVE SEPARATION AREA

MULTI-DRUM SYSTEM

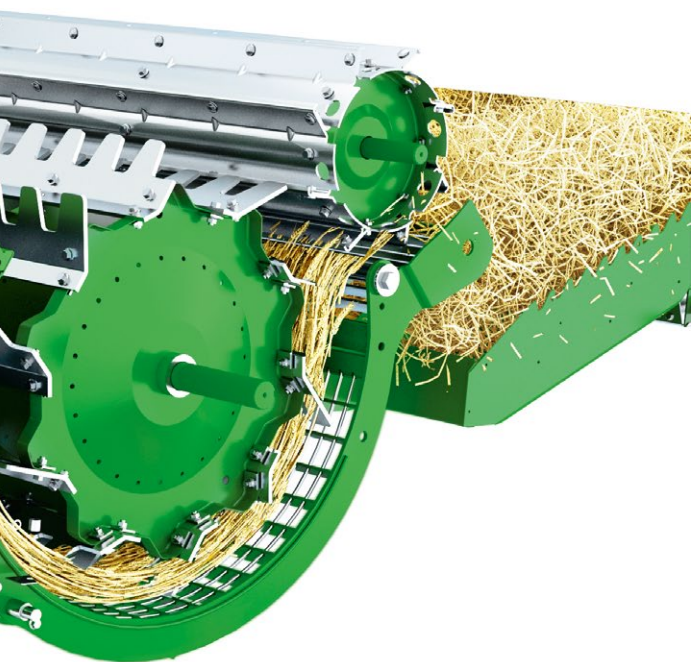
The T-Series has the largest active separation area of any walker combine: 4.0 m² on the 6-walker and 3.3 m² on the 5-walker. The smaller 5-walker models will give you 6-walker performance with up to 40 t/h. The 6-walker machines have even higher throughput of up to 55 t/h – similar to smaller non-conventional combines.



POWERFUL THRESHING

The large 660 mm threshing drum has 10 rasp bars with a very long 124° concave. This means that there are always 4 rasp bars engaged with the concave at all times. Crop enters the drum from the feederhouse as a thin, well-formed mat. The rasp bars compress the crop with a rubbing action which is designed to reduce grain damage and preserve straw.

The open design of the threshing cylinder has the added benefit of pulling crop dust into the machine, instead of forcing it out through the feederhouse. This ensures you always get a clear forward view of the header.

800 mm**SEPARATING DRUM****4.0 m²****ACTIVE SEPARATION
AREA****7 Step****HIGH GRADIENT
WALKERS****GENTLE OVER-THE-TOP PRE-SEPARATION**

As the crop leaves the threshing concave it expands as the gap widens between the drum of the overshot beater and the combine housing. This starts the separating process. It's also important to note that the crop path is 'over-the-top' of the cylinder instead of under it. This is key to preserving straw quality and minimising power consumption.

SECONDARY SEPARATION

On exiting the Tangential Plus concave the crop is pulled on to the walkers by the rear discharge beater. This drum also provides a second separating action with its own mini concave underneath.

For higher efficiency the walkers operate at a lower frequency of 150 rpm, with a 150 mm throw. Performing a passive separating action they are designed with high steps. This keeps the crop on the walkers for longer to separate the final few grains.

HIGH VOLUME ACTIVE SEPARATION

The patented Tangential Plus separator concave is where the T-Series gets its name. This is the heart of the machine. The over-sized, 800 mm separating drum has an extra wide wrap angle and fingers that create a 'combing effect' to facilitate better crop separation. The larger opening between the concave and the drum also allows for bigger volumes which supports greater separation in heavy crops.

The over-size drum also creates a faster crop flow over the concave. This, in combination with the round wires and large openings leads to increasing kernel separation amongst the straw.

7 MINUTE CROP CONVERSION

SECTIONAL CONCAVE

Switching the threshing concave from one crop to another has never been easier... or faster, thanks to our sectional concave.

Many combines run with universal concaves for multi-crop capability. Convenience often comes with higher losses and slower harvesting in tough crops as operators simply find it's too time-consuming to switch the concaves. Research has shown that changing the universal concave to the small grain concave in tough threshing conditions makes a big difference, delivering an increase in performance of up to 12%. That's why we've designed the T-Series for fast and easy crop conversion, so you don't lose performance in harder to thresh crops like barley.



The booster bar is disengaged for normal threshing conditions.



It only takes a few turns with a socket wrench to fully engage the booster bar.

QUICK ENGAGE BOOSTER BAR

At the front of the threshing concave is a booster bar which can be engaged for more intensive threshing. Placed at the front of the concave it meets the crop mat as it leaves the feederhouse and passes under the threshing drum.

What's more the Booster Bar doesn't minimise the concave surface, so you still have that huge threshing area. This makes it a better alternative to de-awning plates which are time-consuming to install and reduce the threshing surface area.





SECTIONAL CONCAVES

The front of the main threshing concave is designed with two removable concave sections. Three concave types are available: small grain, universal and round bar. The universal concave is the best solution for easy to thresh grain which requires more separation. Round bar inserts minimise the amount of cracked kernels in corn, beans and sunflowers.

Exchanging the inserts takes less than 7 minutes for a trained operator, thanks to the easy access through the stone trap. Different sectional concaves are stored on the underside of the combine and can be switched in minutes.



The front two sections of the separating concave are removable.



Once the locking bolts are released the concave section can be removed.



The new concave section is slotted into place and the locking nuts engaged.

HUGE CLEANING POWER

HIGH CAPACITY SIEVE

The T-Series has one of the largest cleaning areas on the market. This brings huge advantages in both capacity, grain quality and reduced sensitivity to slopes.

MASSIVE CLEANING AREA

The T-Series packs a huge cleaning area into a compact package thanks to its innovative, lightweight design. The extensive use of high performance aircraft aluminium reduces weight, without compromising on the structural rigidity of the sieve. The result is the 5-walker models have a total sieve area of 5.20 m² and the 6-walker, 6.30 m² as measured to ISO Norm 6689: 1997.

SLOPE INDEPENDENT DESIGN

The 6 heavy duty conveyor augers ensure even crop flow on slopes and are unaffected by damp or sticky crops. When this is combined with the large, 740 m³ per minute airflow from the fan and the massive sieve area, this makes traditional slope compensation features obsolete.

HANDLES HIGH YIELDS

Apart from the massive cleaning shoe area, returns are delivered back to the cylinder and distributed over its entire width by an auger. The amount of material is displayed in the cab and can also be checked via an inspection flap just outside the cab door.



6.3 m²

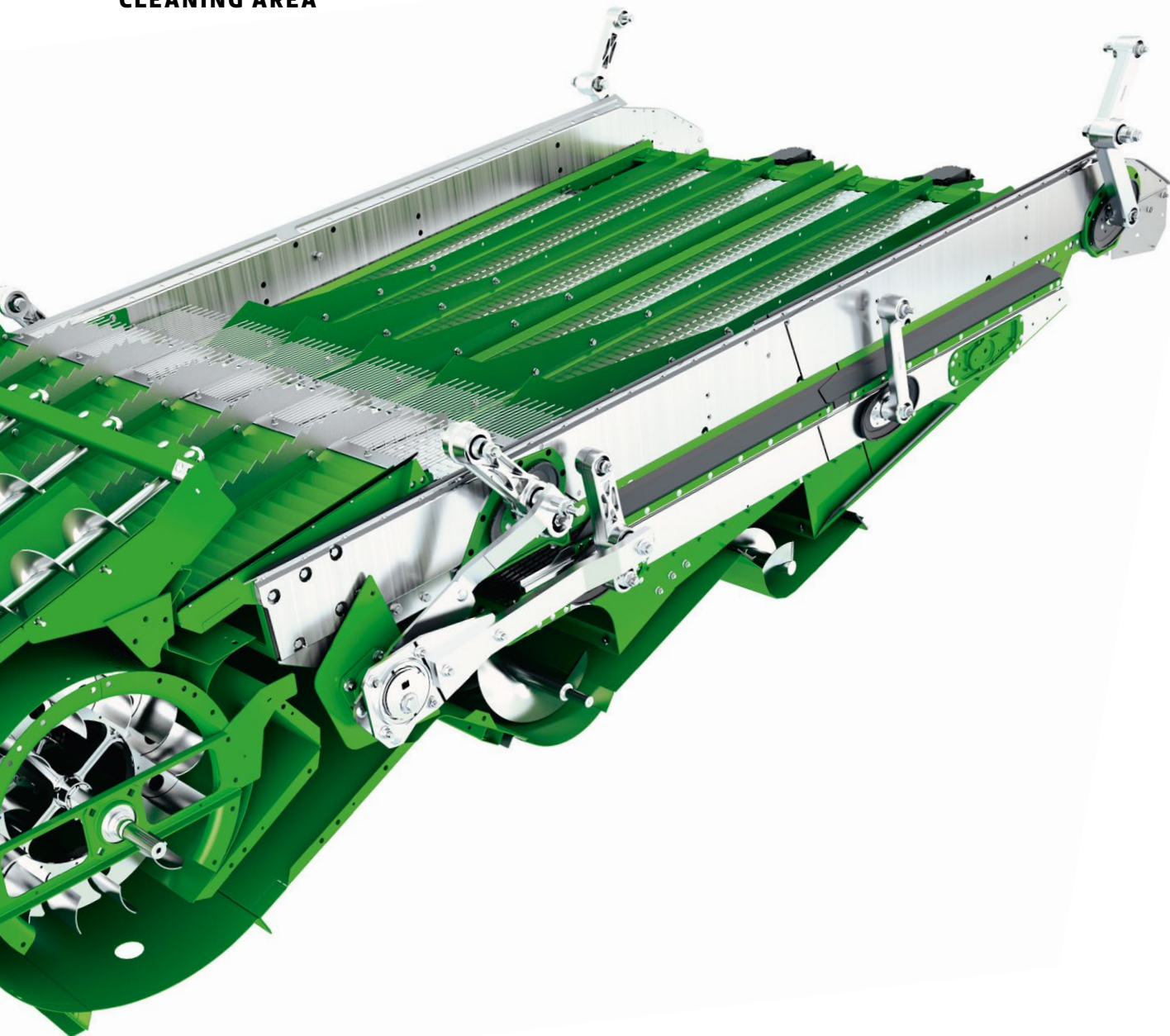
**MASSIVE
CLEANING AREA**

740 m³/min

LARGE AIR VOLUME

41 cm

VENTILATED STEPS



HIGHLY EFFECTIVE PRE-CLEANING

The crop cascades 41 cm down on to two ventilated steps which help pre-clean the chaff. This pre-cleaning avoids over-loading the system in heavy crops and evenly divides the material between the front and rear of the chaffer for better optimisation of the entire cleaning area.

EASY TO OPTIMISE

The whole cleaning system requires very little adjustment, so even inexperienced operators can still deliver an excellent grain tank sample with low losses. It also means operators don't have to keep making adjustments when conditions are changing and can focus on other harvest operations.

UNBEATABLE ON SLOPES

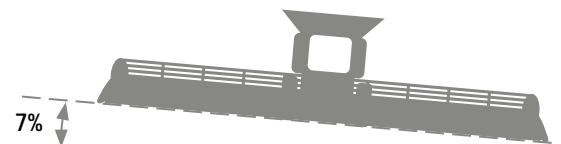
MAXIMUM PERFORMANCE UP TO 22%

The T-Series has a range of slope compensation systems including a HillMaster™ sidehill model for the most challenging terrain.



7% TERRAINMASTER™

Standard on every T-Series combine, TerrainMaster™ will handle slopes up to 7% with no loss in performance. A key feature of the system are the conveying augers which transport the grain to the shoe. These are slope independent and ensure the grain is spread evenly across the chaffer even on steep slopes. The large surface area of the cleaning shoe and the dividers on the sieve are another important feature as this prevents grain from building up on one side of the machine and reducing performance.



14% SIDEHILL KIT

The factory fitted sidehill kit adds up to 14% slope compensation for the cleaning system. A series of high dividers on the chaffer stop the grain from sliding to one side when it passes over and through the sieve. Rubber flaps on either side of the dividers act like the paddles on a pinball machine. They constantly flick the grain uphill to prevent build-up and keep the cleaning shoe evenly loaded.

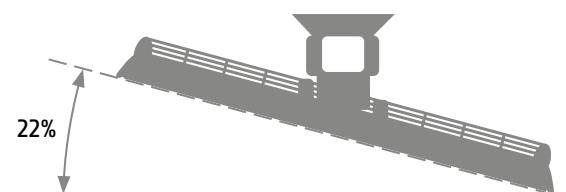




22% HILLMASTER™

The HillMaster™ system uses hydraulics to level the whole combine on slopes up to 15%. This maintains the same performance as if the combine was harvesting on a flat field. Evenly balancing the combine's weight, HillMaster™ avoids over-stressing the wheels on the downhill side, ensuring maximum grip even in unstable or wet soils. A sidehill kit adds another 7% taking the total slope compensation to 22%.

Apart from being a lot more comfortable for the operator, HillMaster™ has the added benefit of keeping the grain tank level so you won't have to unload until it's full to the brim.



EXTRA FINE CHOP

STRAW CHOPPER OPTIONS

There's a choice of residue management options with excellent chopping performance and even spreading to suit different farming practices.

Chopping straw is an energy intensive operation. A chopper can consume as much energy as the engine on a medium size car. This is why the low friction design of the chopper on the T-Series is so important in minimising fuel consumption.

The chopper operates at 3,400 rpm which creates a high exit velocity for the residue. When you add this to the low position of the chopper it ensures both a wide distribution of the residue and reduces sensitivity to cross winds. This eliminates the need for additional spreading systems which consume more power.



CHOPPER OPTIONS

Fine Cut: 52 knives in 6 rows (44 knives for 5 walker models).

Extra Fine Cut: 108 knives in 6 rows (88 for 5 walker models). Also available with an electrically adjustable vane tailboard to ensure even distribution across the full header width.



RESIDUE MANAGEMENT

There's a choice of two speed settings for different crops and the counter knives can be adjusted to set the optimum length of cut. The adjustable grouser bar also regulates the level of straw damage for faster incorporation into the soil.



2**RESIDUE OPTIONS****108****KNIFE EXTRA
FINE CUT****10.6 m****MAXIMUM RESIDUE
SPREAD**

BETTER BALING

SUPERB STRAW QUALITY

The T-Series produces up to 15% more straw than other combines thanks to the 'over-the-top' multi-drum separating system.

The absence of any sharp changes in direction as the crop makes its way through the threshing and separating drums puts less stress on the stems. This reducing the chance of breakages.

Before exiting the combine the crop passes over the high stepped walkers for the final stage of separation. This fluffs it up to produce tall, open windrows for better bales. The straw hood has also been redesigned so even with high volume, long-stemmed straw there's no chance of plugging. The chaff is directed out the side of the combine and not through the chopper. This produces cleaner straw for better bales.

Switching between chopping and dropping takes just 30 seconds.

DENSER BALES

Longer straw lengths help producer tighter and better formed bales which are denser. Denser bales have the added advantage of reducing handling requirements, preserve the straw for longer and are easier to stack. It's why the T-Series is a logical choice for operators who want high volume throughput, but don't want to compromise on straw quality.





GENTLE ON SOIL

MASSIVE FOOTPRINT. LONG LIFE.

Tracks offer many advantages over tyres including lower soil compaction and a longer life. We benchmarked our new design against several competitors, travelling at an average speed of 30 km/h for nearly 1,000 km with 8-row corn headers. The result? 50% less wear! It's just one of the many benefits of our advanced track design.

20%

SMOOTHER RIDE

up to 30%

LARGER FOOTPRINT

50%

LONGER TRACK LIFE



BIGGER FOOTPRINT – NARROWER WIDTH

The triangular profile creates a 'climb out of mud effect' and the longer length gives a larger footprint without adding to the overall combine width. The footprint of the 24 inch (610 mm) tracks, for instance, is larger than 25 inch (635 mm) tracks offered by other competitors. The bigger footprint reduces soil compaction, saves fuel and avoids the need for deep tillage, saving costs all year round.



Watch the combine tracks animation.



SELF-CLEANING TREADS

The track treads are deeper with a higher profile for longer wear life. They also provide greater grip and are self-cleaning, thanks to the 55° tread angle which promotes mud release. So when you're about to go on the road after a long day's harvesting, you won't be delayed cleaning out the treads.

SMOOTHER RIDE

The tracks Progressive Suspension Design is patented technology, unique to John Deere. When you add to this the 5-pivot point technology the tracks have unbeatable terrain following capability. In customer tests against the leading competitors, the new track design scored substantially higher ratings on all key criteria: ride quality, noise and vibration.

ZERO MAINTENANCE

The track rollers are made from an ultra hard wearing polymer. Apart from being incredibly tough, it has self-lubricating properties. This reduces wear and tear for a longer life. The sealed gearboxes and bearings also remove the need for regular greasing. All that's needed is an oil change every 500 hours.

TRACK WIDTH/mm/in		610/24	760/30
FOOTPRINT/m ²		1.23	1.54
TRANSPORT WIDTH/m	T560	3.31*	3.49*
	T660/T670	3.59	3.79

* Based on @ 3 m centre spacing

FROM OUR FOUNDRY...

ENGINES AND TRANSMISSIONS



DEPENDABLE POWER

We design and cast the T-Series Powertech™ engines in our own foundry. It's power you can trust like no other. Over 5 billion operating hours with Variable Geometry Turbocharging (VGT) and cooled Exhaust Gas Recirculation (EGR). Over 400 million hours in advanced engine emission technology.

LOW DEF CONSUMPTION

Our experience with VGT and EGR technology allowed us to tune engine efficiency before introducing Selective Catalytic Reduction (SCR). It's why John Deere engines have low Diesel Exhaust Fluid (DEF) consumption. That saves you money and maintenance time as you can go longer between fill ups.

PRODRIVE™ TRANSMISSION

The ProDrive™ transmission is built at our factory in Getafe, Spain. It gives you precise customisable control of your speed across two infinitely variable ranges. Up to 40 km/h on the road. And, for performance harvesting, 95% more torque at 6.5 km/h and 64% more torque across the entire speed range.

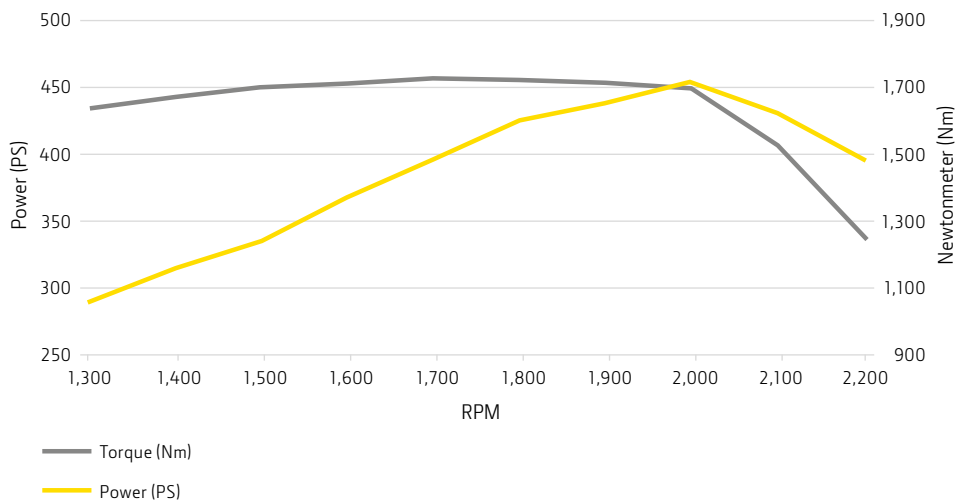
UP TO 20% FUEL SAVING

On the road, engine speed management improves fuel efficiency by up to 20%. During on-road transport, engine rpm is reduced from 2,200 to 1,600 and to 1,200 when stationary at junctions and traffic lights.

...TO YOUR FIELD



T670 WITH JOHN DEERE 9.0 L POWERTECH™ PSS ENGINE (STAGE V)



455 PS

**MAXIMUM POWER
WITH BOOST**

40 km/h

ROAD SPEED

20%

FUEL SAVING



UPTIME

Less maintenance, fast crop changeover and easy access to key components. The T-Series is designed to maximise your harvesting time. You're also backed up by a comprehensive aftersales support package including Harvest Promise. This includes a back-up combine, 24 hour parts delivery and Expert Alerts, a predictive maintenance tool that identifies and fixes potential failures before they happen.

T. UNRIVALLED HARVEST SUPPORT

TOTAL LIFETIME CARE

UPTIME

We have developed a comprehensive package of industry leading support services that will keep your combine running as good as the day it left the factory.



PREVENT

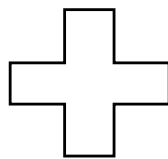
Scheduled maintenance to keep you combine running at peak performance.

PowerGard™

Fixing your maintenance costs and protecting you from inflation for up to 5 years.

Expert Check

Comprehensive pre-season inspection service which eliminates >90% of downtime risk.



PREDICT

Fixing issues before they can stop you harvesting.

Uptime Expert Alerts

Automatic monitoring uses machine learning algorithms to predict faults which can then be fixed before they happen.

Performance Expert Alerts

Machine data analysis identifies underperformance and provides corrective measures to save time and optimise combine settings.



up to **35%****FASTER DIAGNOSIS****97%****NEXT DAY PARTS
DELIVERY****24/7****BACK-UP COMBINE****CORRECT**

Rapid repair and support to minimise downtime.

Connected Support

Remote in-field dealer support via Remote Display Access and over-the-air software updates.

Harvest Promise

Next day parts delivery or a back-up machine if combine cannot be fixed within 24 hours.

**UPGRADE**

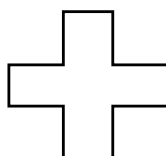
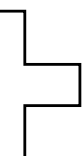
Improvements that keep your combine up-to-date throughout its lifetime.

Multi-crop Capability

Performance upgrades to meet changing requirements such as crop conversion kits.

Technology upgrades

Addition of new sensors such as ActiveYield™ and HarvestLab™ 3000 which can be retro-fitted to older combines.



INFLATION-PROOF SERVICING COSTS

POWERGARD™ AFTERCARE PACKAGES

A PowerGard™ aftercare package fixes the price of your maintenance and protects you from future price increases. You simply pay a fixed fee for easy budgeting and choose the level of cover you want.

POWERGARD™ STATUS: PROTECTED



POWERGARD™ MAINTENANCE

Covers all scheduled servicing using only John Deere original parts.

POWERGARD™ MAINTENANCE

POWERGARD™ PROTECTION

Protects all key components that put power to the ground to keep you harvesting. For instance, engine, transmission, steering and wet brake components, axles and frame.

POWERGARD™ MAINTENANCE

POWERGARD™ PROTECTION

POWERGARD™ PROTECTION PLUS

Gives you the ultimate peace of mind. It covers almost every component from the feederhouse and cleaning shoe to the grain unloading systems and straw chopper.

IDENTIFYING AND SOLVING POTENTIAL ISSUES BEFORE THEY HAPPEN

EXPERT ALERTS

Expert Alerts combines the experience of more than 300,000 connected machines worldwide in one single system, identifying potential issues so they can be fixed before they stop you harvesting.



Our combines are fitted with a wide range of sensors measuring everything from the angle of the steering wheel to the amount of grain in the tank. All of this data is transmitted to the John Deere Operations Center™ via JDLink™. This allows detailed performance analysis of both the combine and any supporting equipment, saving you unnecessary downtime during time critical harvesting operations.

UPTIME EXPERT ALERTS

Data from sensors on the combine automatically detect any deviations from their standard performance readings and this is analysed using advanced algorithms and artificial intelligence. Your dealer is sent an alert if a potential failure is identified and they can order a replacement part for immediate fitting.

up to **35%**

FASTER DIAGNOSIS

PERFORMANCE EXPERT ALERTS

Your combine and harvest support tractors provide valuable data on machine utilisation. This can be analysed to deliver significant savings in fuel consumption and improvements in the efficiency of your harvest logistics.

up to **30%**

**SERVICE COST
EFFICIENCY**

REAL-TIME REMOTE SUPPORT

CONNECTED SUPPORT

Our Connected Support is like having your dealer advisor sitting next to you in the cab, giving you unparalleled one on one support when you need it.



REMOTE DISPLAY ACCESS

You can let your dealer or another one of your support team remotely view the combine's display in real-time on another device. This allows remote troubleshooting and machine set-up and optimisation without the need to travel to the field. In the 2021 harvest it proved so popular there were more than 230 remote sessions every day.

REMOTE DIAGNOSIS

With your permission your dealer can remotely diagnose faults on your machine. This means when they travel to the field to make the repair they always have the correct parts and tools with them, minimising downtime.

REMOTE SOFTWARE UPDATES

Just like your smartphone or computer you get wireless updates with the latest software direct to your combine in the field. This avoids the need for a technician to travel out to your combine, saving you time and money.

BACK-UP COMBINE

HARVEST PROMISE

Harvest Promise is a comprehensive package of dealer support services that covers pre-season preparation as well as a back-up combine and next day parts delivery during the harvest.



24 HOUR PARTS PROMISE

The best parts logistics network in the agricultural business, delivering 97% of orders within 24 hrs for combines with Expert Check.

BACK-UP MACHINE*

If we can't repair within 24 hours and your combine can't harvest, we'll provide a back-up machine for free* to keep you moving.

EXPERT CHECK

A comprehensive pre-season check by certified technicians. Covers everything from wear parts to software updates.

>325,000

**DIFFERENT PARTS
IN STOCK**

97%

**NEXT DAY PARTS
DELIVERY**

24/7

BACK-UP COMBINE

* A back-up machine is available for any John Deere combine harvester up to 7 years old at participating dealers. To qualify it must be maintained in accordance with the operator's manual and undergo a pre-season Expert Check with any recommended repairs carried out.





COMFORT

The T-Series is equipped with powerful control systems that transform operating efficiency and make harvesting easier. AutoTrac™ self-steering with the next generation StarFire™ 7000 receiver provides a new level of accuracy. Machine Sync automated unloading is a game-changer for harvest logistics. Plus a well-equipped and spacious cab with intuitive controls that guarantee a great result.

T. STRESS-FREE HARVESTING

MISSION CONTROL

CAB

Quiet. Spacious. Well thought out. A John Deere cab is always a cut above the rest and you'll soon appreciate the many features of the T-Series workspace.

The anti-glare coating on the glass offers a clear view of all the key areas from the ends of the header to the tip of the unloading auger. Getting comfortable is easy too. The Super Air Comfort seat is fully adjustable and includes an active carbon lining to absorb moisture and keep you fresh.

Even if you swivel the seat from one side to the other the CommandARM™ follows you, keeping all the controls close at hand. Additional screens can also be mounted on the pillars without obscuring the view.

Automatic air conditioning is standard and there are plenty of small touches you'll come to appreciate like the 12V and USB charging points and, of course, a large fridge for all your snacks and refreshments. Upgraded Bluetooth connectivity also makes it easier for handsfree calls and listening to your favourite music.

For a touch of luxury why not add the leather package? You'll enjoy a leather steering wheel and instructor seat plus lumbar support and a ventilated seat for the ultimate in harvesting comfort.



3.36 m³

SPACE

37 L

REFRIGERATOR

71 dB(A)

QUIET INTERIOR



EASY SET-UP

INTUITIVE CONTROLS

Clear icon-driven menus, programmable buttons and automation tools make operating and set-up easy.

LOGICAL SCREENS

Clear menus and a shortcut bar make navigating easy. For instance, using QuickLine you can record an AB line at the press of a single button. You can also drag and drop sections to create your own display screens and store them for future use. There are also pre-set values or you can store your own settings for use in another field.

PRACTICAL REMOTE CAMERAS

Up to 4 remote cameras can be specified including one on the spout for spill-free unloading and another on the rear axle for easier hook-ups with the header trailer.

ONE HAND OPERATION

All the important controls are in the hydrohandle such as the unloading auger, feederhouse raising and lowering, header reel control and AutoTrac™ activation.

AUTOMATED HARVESTING SYSTEMS

The T-Series is equipped with several useful automation tools to help produce consistently high quality harvesting throughout the day.

Interactive Combine Adjust (ICA)

This helps optimise the combine set-up. The operator simply follows an interactive menu which gives recommendations for settings based on the harvest priorities (losses, grain quality – broken kernels and dirt level, straw quality). It even suggests external adjustments to the combine. The goal is to tell the combine the desired output: loss level, grain and straw quality and grain tank cleanliness.

HarvestSmart™

This automatic speed management system lets you run your combine close to its capacity, or loss limit by automatically adjusting the combine's speed to maximise the desired outputs set by AutoMaintain. It takes multiple calibration points at different speeds and throughput levels, across the typical working range. This greatly improves sensitivity to different conditions and delivers precise control.





ADVANCED OPTIONAL DISPLAY

The GreenStar™ 4640 Gen 4 touchscreen display is a worthwhile investment. It provides another outlet for viewing AutoTrac™, machine performance adjustment, camera feeds and documentation for precision ag applications.

HIGH SPEED GRAIN HANDLING

HARVEST LOGISTICS

EVEN MORE UPTIME

The combination of a massive 11,000 L grain tank and 125 L/s unloading let's you focus on harvesting. It takes less than 90 seconds to unload 11 tonnes of grain.

BUILT FOR TOUGH CONDITIONS

The grain handling system features a heavy-duty belt driven design that performs equally well in high yielding crops and wet conditions. Tool-free adjustment of the cross auger cover plate in the grain tank also allows the load rate to be adjusted for different crops and conditions.

UNLOAD WITHOUT SLOWING

The engine's electronic management system provides a power boost of up to 25 kW (34 PS) when unloading so you can maximise performance and field efficiency.

GENTLE GRAIN HANDLING

The large diameter auger reduces grain on steel contact. That helps minimise broken kernels and the price you get at the grain store.



11,000 L

GRAIN TANK

34 PS

**EXTRA UNLOADING
POWER**

125 L/s

UNLOADING



STRESS-FREE UNLOADING

MACHINE SYNC

Machine Sync is a powerful machine-to-machine communications application that allows you to connect multiple machines and operate them together.

Now even an inexperienced operator can safely unload at full harvesting speed without the risk of grain spillage, or even an accident or delay. And faster and more efficient unloading will also improve the logistics of your harvest operation.



REMOTELY CHECK COMBINE GRAIN FILL LEVEL

Machine Sync allows the grain trailer operator to view the location of all the combines in their network. They can see the direction of travel and grain tank fill level. They can make a decision on which combine to unload next. Alternatively, the combine operator can request a tractor for unloading at the touch of a button. This ensures optimised routing for grain trailers, saving time, fuel and reducing soil compaction.



COMBINE OPERATOR TAKES CONTROL OF UNLOADING TRACTOR

As the tractor pulling the grain trailer arrives near the combine, the operator activates Machine Sync. The system automatically takes control of the tractor's steering and speed. The tractor driver can then take their hands off the steering wheel.



COMBINE OPERATOR STEERS TRACTOR

The combine operator can now control the position of the tractor relative to the combine. If the combine changes direction or speed, the tractor also changes direction or speed – both are synced in perfect harmony. The tractor can be nudged back and forth using the button on the CommandPRO™ lever to ensure the grain trailer is evenly filled.



OPERATOR RELEASES CONTROL OF UNLOADING TRACTOR

When the trailer is fully loaded the tractor operator can take over control simply by turning the steering wheel or depressing the brake or accelerator pedals. Alternatively the combine operator can also stop the synchronisation from their display.

PRECISION SELF-DRIVING

AUTOTRAC™

The T-Series is equipped with the market leading high precision automated steering system.

Developed and refined over more than 20 years, AutoTrac™ handsfree guidance automatically ensures the full cutting width of the header is used with every pass. Hour after hour. Day or night. It's unaffected by uneven terrain, down crop or dusty conditions. And with AutoSetup all it takes is 1-click to get started.





1-CLICK-GO AUTOSETUP

AutoSetup lets you set-up your work remotely and send it direct to machines in the field. When the combine operator enters the field, all they have to do is confirm the work with a single click and they can start straight away. No delays. No mistakes. It's the perfect solution if you're employing temporary operators during the harvest season. AutoSetup will always ensure they cut the correct fields and provide you with accurate data on the harvested crop.

ALWAYS STAY IN THE RIGHT ROW

If you're harvesting corn planted in curves, blown down by the wind, or simply in a field with uneven row spacing, AutoTrac™ RowSense™ will keep you on track. Its advanced technology uses feeder data gathered from both row sensors on the header and satellite positioning from the StarFire™ receiver to follow the rows exactly. It means you can harvest at maximum speed at full header width.

Harvesting is even faster if you have carried out your strip till or planting using AutoPath™. The exact guidance lines for the planted rows are transferred to the combine and automatically calculated for the header width. No need for any set-up, you can get started straightaway and will always cut the full header width.

NEXT GENERATION GUIDANCE

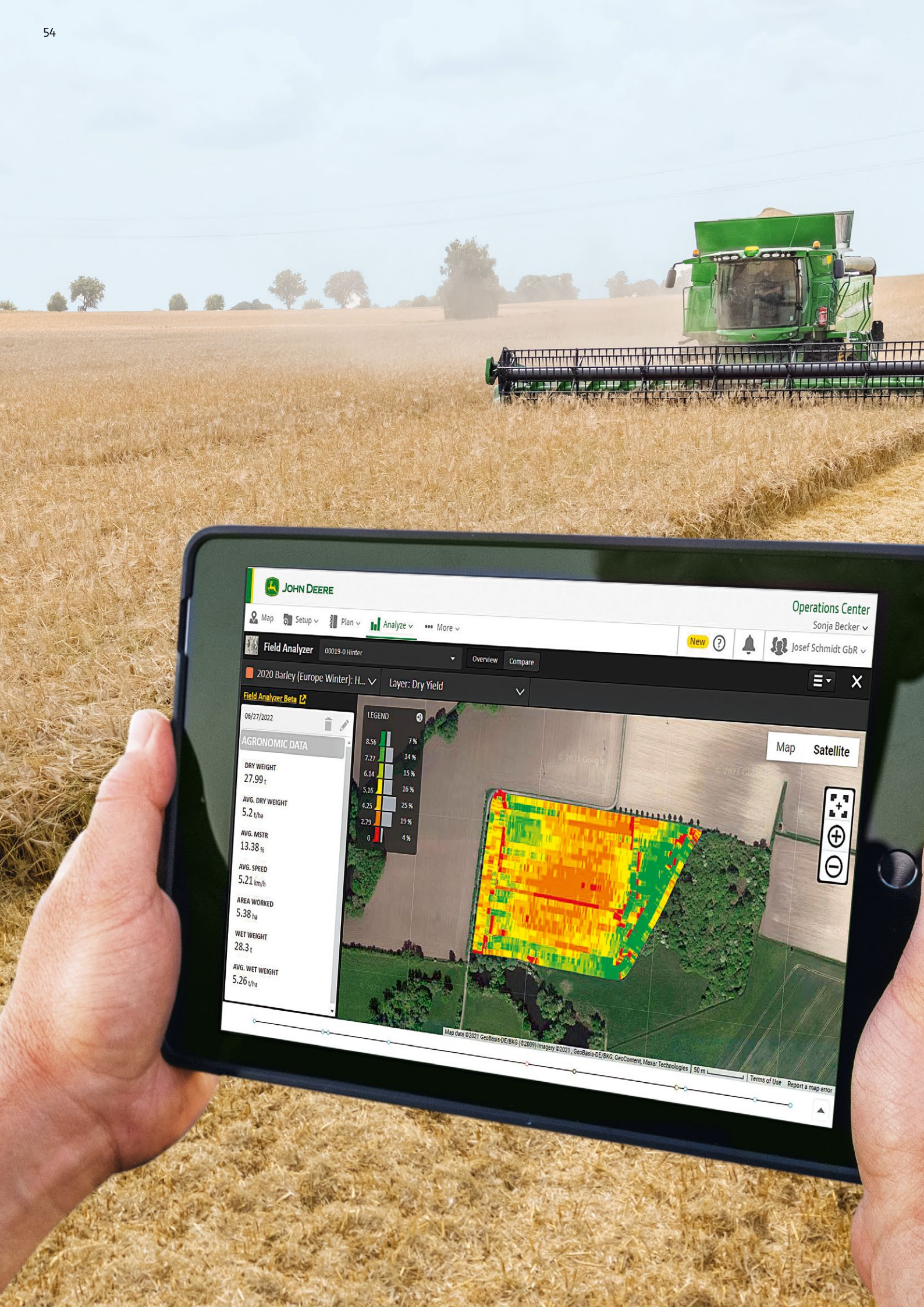
The T-Series is equipped with the latest generation StarFire™ 7000 receiver. It provides a new level of signal stability in shaded areas.

SFI remains our free differential satellite correction signal, but now there's even more. With an SF-RTK licence you can benefit from 2.5 cm pass-to-pass accuracy and 5 year precise stability without any additional hardware.

SHARE GUIDANCE LINES AND MORE

If you're working with multiple machines, you can share guidance lines as well as coverage and yield maps with each other. This gives operators a great view of how the cutting is progressing. When the field is harvested the data from the different machines is brought together seamlessly as if it's been collected by a single machine.





JOHN DEERE

Operations Center
Sonja Becker

Map Setup Plan Analyze More

Field Analyzer 00019-0 Hinter Overview Compare

2020 Barley (Europe Winter): H... Layer: Dry Yield

Field Analyzer Beta

06/27/2022

AGRONOMIC DATA

- DRY WEIGHT: 27.99 t
- AVG. DRY WEIGHT: 5.2 t/ha
- AVG. MSTR: 13.38 %
- AVG. SPEED: 5.21 km/h
- AREA WORKED: 5.38 ha
- WET WEIGHT: 28.3 t
- AVG. WET WEIGHT: 5.26 t/ha

LEGEND

8.56	7%
7.27	14%
6.14	15%
5.16	16%
4.25	25%
2.79	19%
0	4%

Map Satellite

Map data ©2021 GeoBasis-DE/BKG (©2009) Imagery ©2021 GeoBasis-DE/BKG, GeoContent, Maxar Technologies | 50 m | Terms of Use Report a map error



PRECISION AG

Constantly gathering data the T-Series drives significant efficiency and cost improvements throughout your whole harvest operation. Apart from machine performance and yield data, it can now measure protein yields in wheat. Automatically stored in the John Deere Operations Center™ this data supports your entire farming operation with better agronomic decision-making, higher yields and sustainable profitability.

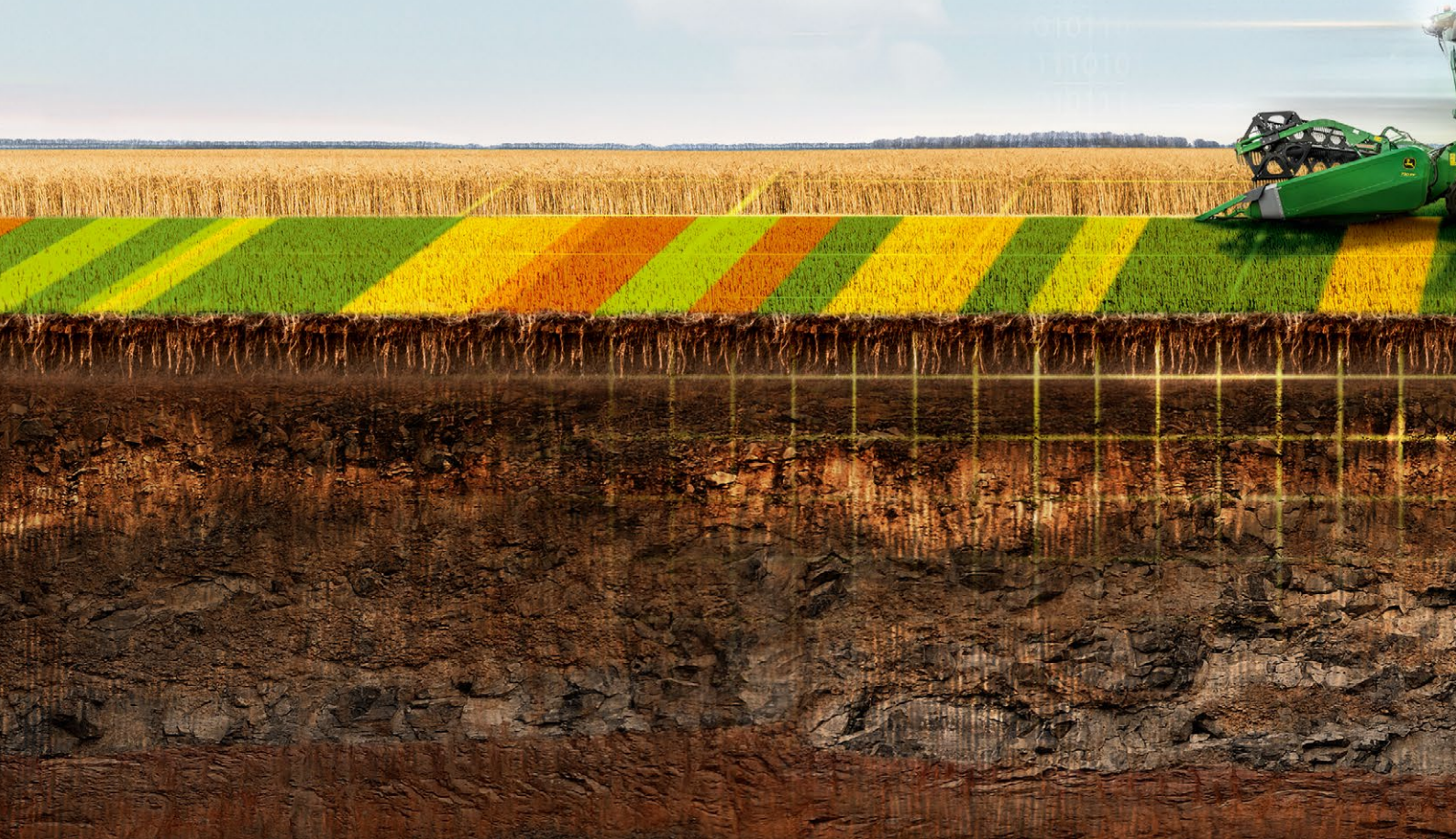
T. ADVANCED DIGITAL HARVESTING

FARM SMART, PROFIT MORE

JOHN DEERE OPERATIONS CENTER™

Our combines harvest tons of valuable data from every hectare. This data has the power to transform your harvest logistics, crop yields and maximise profits.

Harvest data is automatically transmitted from the combine to our secure servers in the cloud via JDLink™. It can be viewed in the John Deere Operations Center™ on your desktop or via an app for mobile devices. Data can also be easily exchanged with a growing number of agricultural machinery companies as well as over 200 connected software companies. This gives you a level of management control that is unrivalled in the agricultural industry.



PROFESSIONAL DEALER SUPPORT

Your local dealer has factory trained precision ag specialists who know your business. They can visit you in the field, help you with set-up and optimisation and provide personalised harvest support. Your dealer is also able to provide bespoke connected services from remote machine monitoring and Expert Alerts to advice on harvest logistics and agronomic analysis of field data.

BETTER PROFITABILITY

The John Deere Operations Center™ supports your profitability throughout the entire production cycle. Save time by setting-up and planning work before the harvest has begun. During the harvest you can monitor the work in real-time. Finally, when the season is over you can review and analyse the data to help make more informed decisions that improve your long-term sustainability and profitability.

SECURE DATA PROTECTION

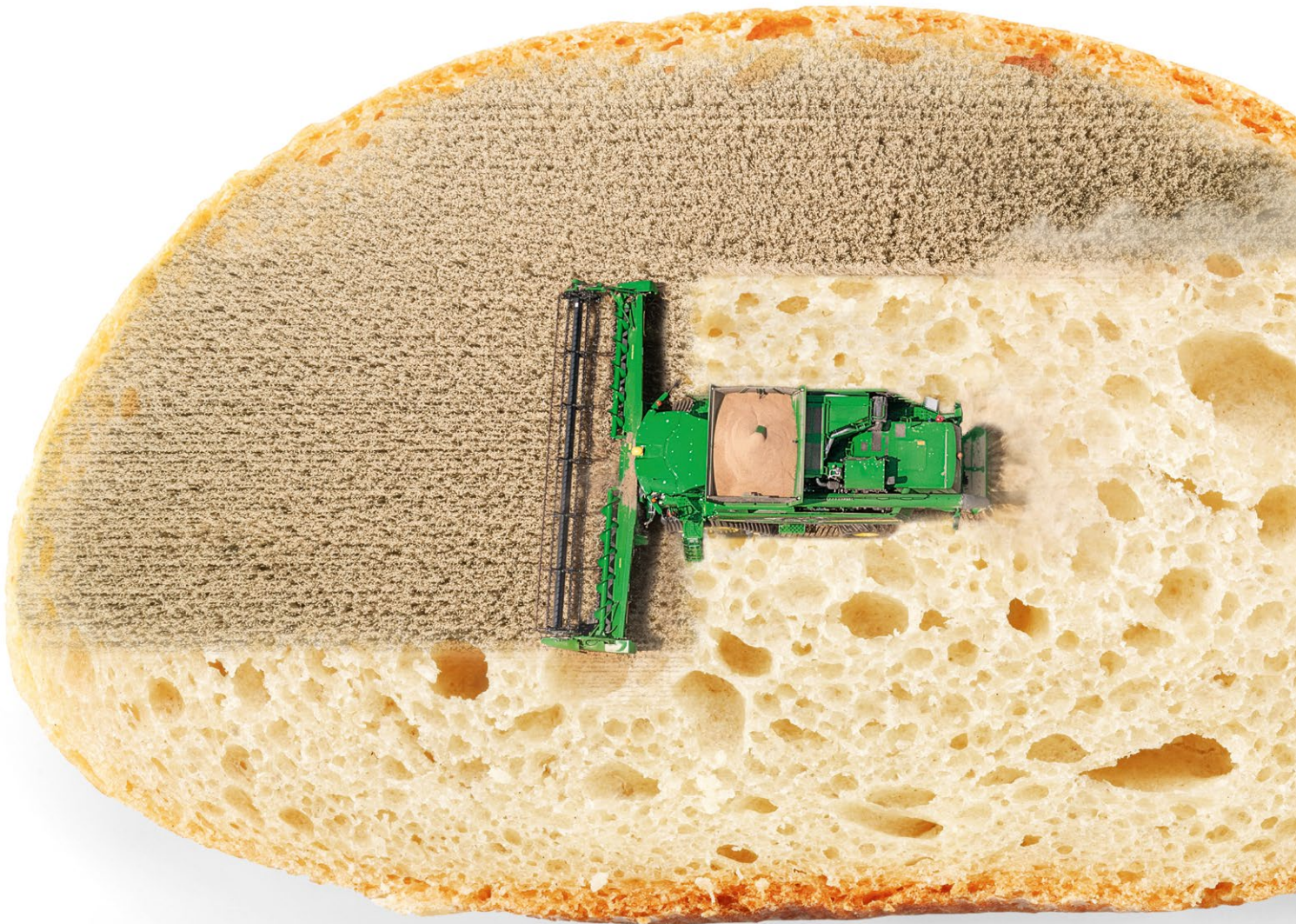
All your data is stored securely on our servers and is automatically backed up for added safety. Data can only be accessed by the registered account holder unless you provide access rights to other members of your team, your dealer or independent advisors such as agronomists. A particularly useful feature is temporary access for casual workers during the harvest season.



REAL-TIME PROTEIN MEASUREMENT

HARVESTLAB™ 3000 GRAIN SENSING

The latest addition to the T-Series Precision Ag capability brings real-time moisture and protein measurement of wheat.



The price difference between milling and feed wheat is substantial. In some fields the protein content can vary significantly but harvesting it as a single crop could lower the profit you make. HarvestLab™ 3000 can change the way you harvest with individual trailer loads sold depending on their protein content as well as long-term management of fertiliser applications and seed varieties.

4,000**MEASUREMENTS/S****± 0.6%****ACCURACY****10 min****CHANGEOVER**

HIGHLY ACCURATE MEASUREMENT

HarvestLab™ uses Near-Infrared spectroscopy to determine the protein content of wheat. Taking 4,000 measurements a second it's accurate to ±0.6%. The operator can view protein content readings as well as field and load totals in real-time on the Gen 4 display.



EASY INSTALLATION

HarvestLab™ is mounted at the bottom of the grain elevator. A small auger continuously conveys grain in front of the sensor. The unit can be installed in less than 10 minutes and removed just as easily for fitting to another machine as necessary. HarvestLab™ can also be retro-fitted to existing T-Series combines.



BETTER ANALYSIS AND PLANNING

Providing real-time information on the crop's protein content allows segmentation by individual trailer load, allowing operators to sell different grades of wheat from the same field. Data analysis via the John Deere Operations Center™ allows more accurate planning of fertiliser inputs and selection of the most appropriate wheat varieties for field conditions.



ALL-YEAR ROUND VERSATILITY

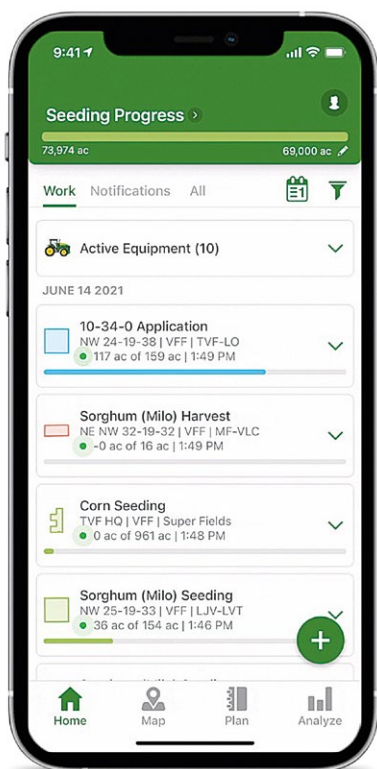
HarvestLab™ shows how John Deere Precision Ag is giving contractors and large arable farmers more crop information to help plan their operations throughout the year. A single sensor can be easily moved from a combine to a forage harvester, slurry tanker, or even used as a standalone analyser for cattle silage.

ONE PLACE FOR EVERYTHING

JOHN DEERE OPERATIONS CENTER™

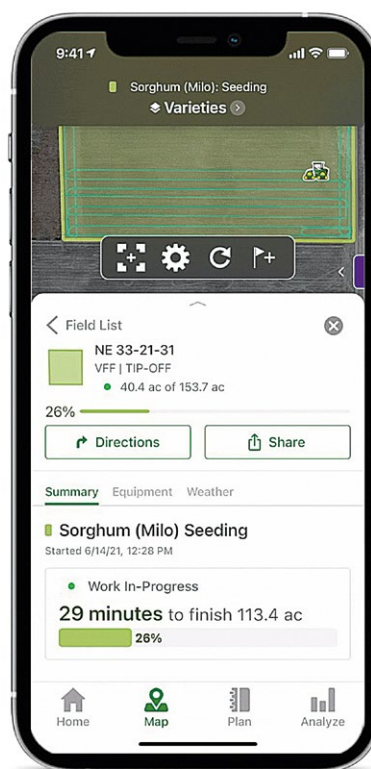
The Operations Center Mobile app and cloud base storage allow you to manage your harvest in real-time from any device with any brand of machine.

The harvest season is always unpredictable with sudden changes in the weather and different crop cycles, that's why you need the maximum possible flexibility. Using the Operations Center you can plan your work in advance to minimise delays and you can make changes based on real-time live information from the field. It gives you more flexibility throughout your harvest and it provides valuable machine and yield mapping data for analysis and planning of next year's planting and growing season.



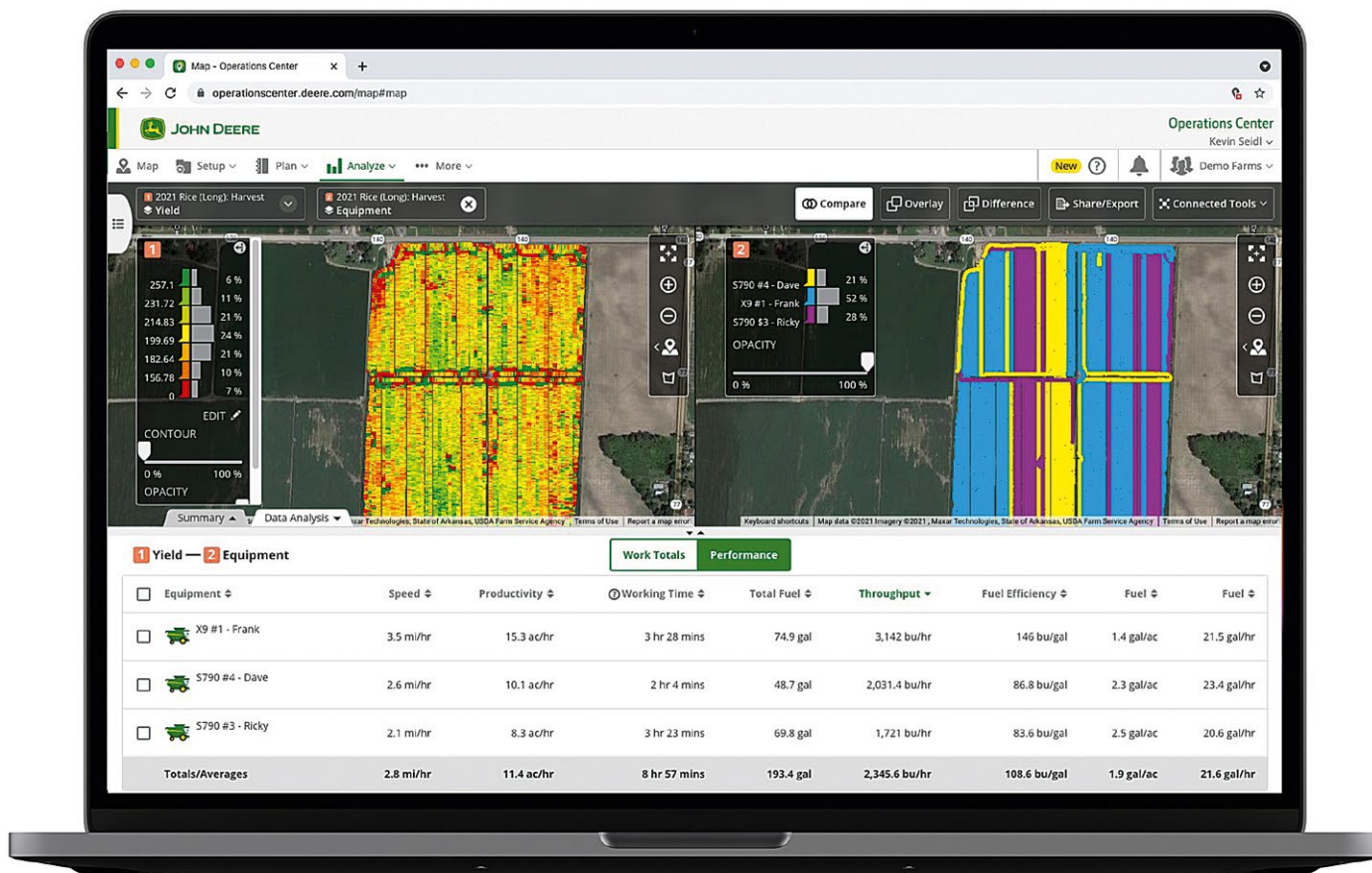
SAVE TIME

Set up work days or weeks in advance with the AutoSetup feature. As soon as the combine enters the field it can start harvesting with just one click. No delays. No mistakes.



MANAGE MACHINES

Know where all your machines are in real-time. See how long is left before a field is harvested. Check the grain tank level in your combine as well as the amount of fuel left in the tank.

90%**SETUP TIME SAVING****50%****LESS CONTACT CALLS****200+****SOFTWARE PARTNERS****MAKE BETTER DECISIONS**

Did one seed variety perform better than another? How well did the last nitrogen treatment work? Exchange data from more than 200 connected software companies to build up a comprehensive picture of your fields and make informed decisions about next year's preparation, planting and crop protection.

FULLY INTEGRATED MANAGEMENT

The management and analysis of harvest data can drive significant efficiency and cost improvements throughout your whole operation.

Harvest data in the Operations Center can be combined with other data to provide valuable insights into the whole farming cycle from soil analysis and fertilisation through to seeding and crop protection. You can also use it to plan work, produce documentation and invoice customers with detailed breakdowns of work completed.



MONITORING, PLANNING AND ANALYSIS



Operations Center Mobile
Adjust settings remotely and monitor all operations from tillage to harvesting.



Connect Mobile
Optimise your work performance on the go with a live map of key machine performance data.

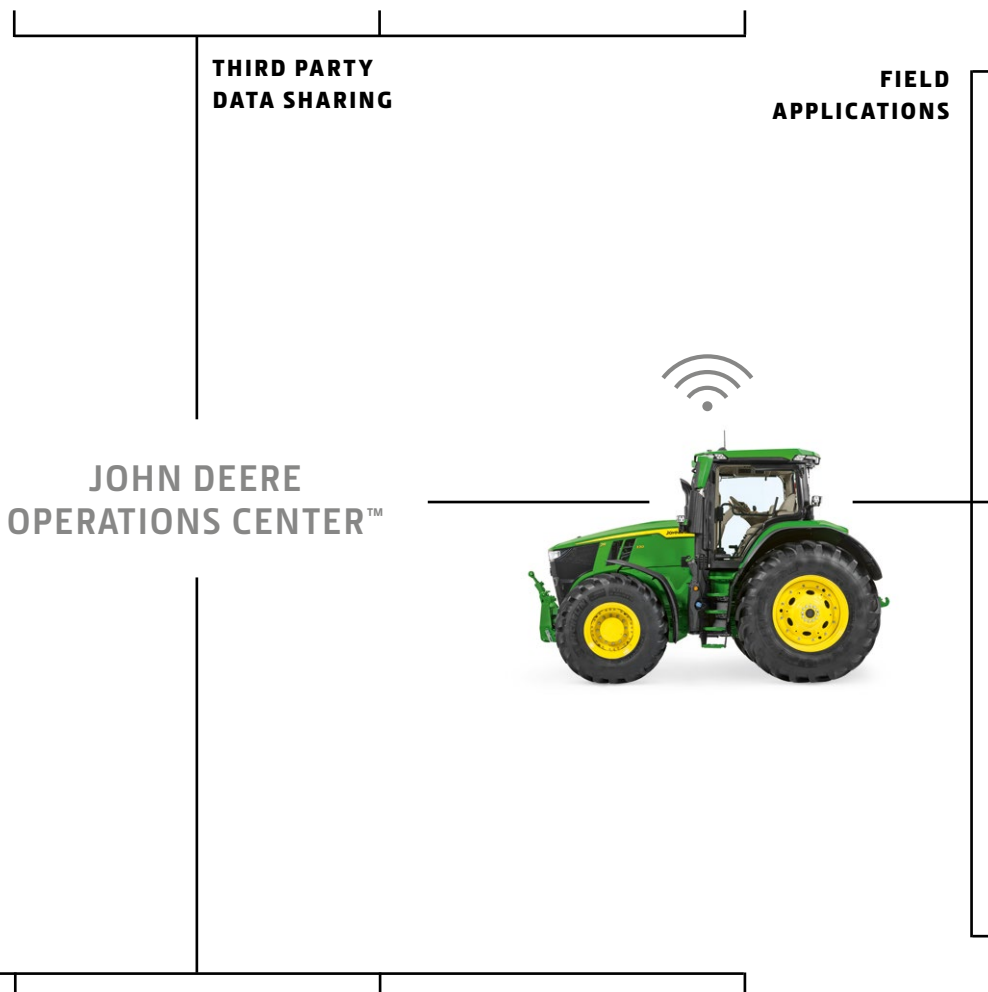


Agronomic Optimisation
Easy-to-use field analyser tool for better agronomic decision-making and improved yields.

Dealer
ServiceADVISOR Remote allows remote analysis of potential issues and Expert Alerts adds predictive maintenance for better uptime.

200+ Software Partners
Many independent software providers can share their data with the Operations Center and vice versa, so you can manage everything on a single platform.

Employees and Specialists
Employees and business specialists such as agronomists can be given access to help improve machine productivity and crop and field analysis.



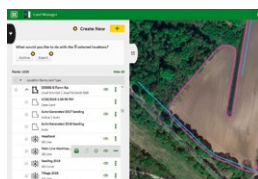
Seeding
No more overlaps or misses, saving expensive seed and avoiding over-planting.



Fertilising
Precisely apply N, P and K based on a nutrient target with site-specific prescription maps.



Spraying
Avoid over-spray by applying the exact crop protection where it's needed.



Work Planner
Prepare work in the office. Send the set-up data to the machine in advance so the operator just has to confirm the field before starting work.



Fleet Management
Cut phone calls with your drivers by 50%+ as everyone can see each other's location.



Remote Display Access
Remotely access in-cab display to assist operators with combine set-up and optimisation.

SPECIFICATIONS

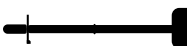


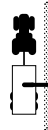
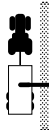
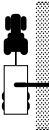

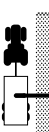


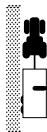

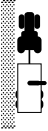
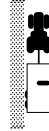
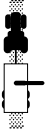
	T 550	T 560	T 660	T 670
ENGINE				
	John Deere PowerTech™ PSS 6 cylinder engine with twin turbo			
Displacement (l)	6.8	9		
Rated speed	2200			
Rated power (kW / hp / PS)	202 / 271 / 275	249 / 334 / 339	292 / 392 / 397	
Max power (kW / hp / PS)	224 / 300 / 305	285 / 382 / 387	335 / 449 / 455	
Power boost @ rated speed	22 / 30 / 30	25 / 34 / 34		
Engine Speed Management	NA	Incl. w/ ProDrive™		
Fuel / DEF tank capacity (l)	800 / 33			
Air Compressor	Optional			
Oil drainage hose for engine hydraulic and engine PTO oil	Base			
XTRA CAPACITY FEEDERHOUSE				
Conveyor chains	3 chains		4 chains	
Slip Clutch	900 Nm			
Header reverser power (kW / hp / PS)	59 / 79 / 80			
Feederhouse Speed, m/sec	3.6			
Cutting angle adjustment, °	18 degrees on Level Land, 19 degrees on Hill Master			
THRESHING CYLINDER				
Channel width (mm)	1400	1670		
Cylinder diameter (mm)	660			
No. of rasp bars	10			
Wrapping Angle (degree)	124			
Cylinder speed range, standard (rpm)	470 – 950			
Cylinder dual range drive, option (rpm)	250 – 470 & 470 – 950			
Small Grain Concave	Optional for very dry conditions			
Universal Concave, full wire	Recommended when harvesting only small grain in tough / wet conditions			
High Versatility Sectionalized Concave with removeable inserts	Base equipment: A set of small grain inserts for harvesting in tough threshing conditions as well as dry and brittle harvesting conditions. Optional equipment: A set of universal inserts for small grain harvesting in tough and wet conditions or a set of round bar inserts for corn, peas and beans.			
XTRA LARGE SEPARATOR AND HIGH PERFORMANCE SEPARATOR (HPS) GRATE				
Xtra Large Separator diameter (mm)	800			
Xtra Large Separator speed (RPM)	380 / 760			
High Performance Separator (HPS) grate	2-Position adjustable			
REAR BEATER AND REAR BEATER GRATE				
Rear Beater diameter (mm)	400			
Rear Beater speed	Single speed relative to separator			
Rear Beater grate	2-Position adjustable			
TOTAL ACTIVE SEPERATION AREA				
Concave area according to ISO Norm 6689:1997 (m²)	1.13	1.35		
Separating area tine separator according to ISO Norm 6689:1997 (m²)	1.72	2.1		
Separating area rear beater according to ISO Norm 6689:1997 (m²)	0.45	0.55		
Total Active Separation Area according to ISO Norm 6689:1997 (m²)	3.30	4.0		
STRAW WALKERS				
Number of walkers	5	6		
Number of steps	7			
Walker area according to ISO Norm 6689:1997 (m²)	4.8	5.8		

	T 550	T 560	T 660	T 670
DYNAFLO PLUS CLEANING SYSTEM WITH AUGER TYPE PREPARATION SYSTEM FRONT CHAFFER, CHAFFER AND SIEVE				
# of conveying augers	6		6	
Tailing returns to threshing cylinder	Base			
Single range fan drive (RPM)	550 – 1350			
Dual range fan drive (RPM)	300 – 600 & 550 – 1350			
Max. Fan Air Volume (m ³ /min)	590		740	
Pre-Chaffer available as attachment according to ISO Norm 6689: 1997 (m ²)	0.5		0,6	
Chaffer (m ²)	2.5		3.1	
Sieve (m ²)	2.2		2.6	
TOTAL cleaning Shoe area with / without front chaffer according to ISO Norm 6689: 1997 (m ²)	5.2 / 4.7		6.3 / 5.7	
Electric Sieve adjustment	Optional		Base	
GRAIN TANK				
Volume according to ISO Norm 5687:1999 (L)	8.000 standard; 10.000 opt. for LL only	10.000	9.000 standard; 11.000 opt.	11.000
Unloading auger swing range (deg.)	105			
Standard unloading system at peak performance (L/sec)	88	NA	88	NA
Xtra Fast unloading sytem at peak performance (L/sec)	125			
RESIDUE MANAGEMENT				
FineCutChopper	44		52	
ExtraFineCutChopper	88		108	
Chaff Spreader	Optional			
Electrical Adjustable Vane Tailboard	Optional		Base	
SIDE-HILL SYSTEMS				
SlopeMaster (inclines up to 7%)	Base			
HillMaster™ (inclines up to 22%)	Optional			
GROUND DRIVE				
Manual 3-Speed Transmission	Base		NA	
Electrical Push Button Shift 3-Speed Transmission	Optional		Base	
ProDrive™ Stepless Transmission	NA		Optional	
Maximum speed with wheels or tracks (km/h) * depending on country regulation	30		40	
Differential Lock on front axle	NA		Optional w/ ProDrive™	
X-traction 4WD axle with limited slip differential lock	Optional			
Traction Control Anti Slip Management	NA		Incl. w/ ProDrive™ and X-traction axle	
John Deere 24' Tracks ground contact area (m ²)	NA		Optional / 1,23	
John Deere 30' Tracks ground contact area (m ²)	NA		Optional / 1,54	
TRANSPORT WIDTH				
John Deere 24' Tracks	NA		3.49	
John Deere 24' Tracks @ 3m center spacing	NA		3.59	
John Deere 30' Tracks	NA		3.79	
With 650/75 R32 or 680/85 R32 (m)	3.29		3.49	
With 800/65 R32 or 800/70 R32 (m)	3.49		3.79	
With 900/65 R32 (m)	3.79		3.99	
With 520/85 R42 Dual Tires (m)	NA		5.19	
Maximum Shipping height with tires (m)	4			
Shipping length (with shortest or folded unloading auger) (m)	Depending on configuration < 9.50			
Shipping weight (depending on options) (kg)	15.200	15.800	16.500	16.500

SPECIFICATIONS

	T 550	T 560	T 660	T 670
INTEGRATED TECHNOLOGY				
HarvestMon Moisture Sensing			Optional	
HarvestDoc Yield Documentation			Optional	
HarvestSmart™ Automatic Forward Speed Regulation	NA		Optional	
AutoTrac™ Guidance			Optional	
Guidance Signal Availability			SF1 (free of charge); SF3, RTK	
AutoTrac™ Row Sense Guidance for corn headers			Optional	
Automatic Combine Adjustment			Base	
Interactive Combine Adjustment	Optional		Base	
ConnectedCombine			Optional	
JDLINK™			Optional	
Remote Display Access			Optional	
Wireless Data Transfer			Optional	
Data Analysis			Available via MyJohnDeere.com	
myJob Apps			Available via App	
CAB				
Driver Seat	Air suspension seat with swivel and fore-aft attenuation		Air suspension seat with swivel and fore-aft & lateral attenuation	
Leather Package	NA		Optional leather steering wheel, instructor seat, heated / air ventilated operator seat	
Passenger Seat			Base	
7' GreenStar™ CommandCenter™ 3 Display	Base		NA	
7' GreenStar™ CommandCenter™ 3 Touchscreen Display	Optional		Base	
10' GreenStar™ 2630 Touchscreen Display			Optional	
Cameras			Optional (up to 4)	
Active Refrigerator	Optional		Base	
Automatic Air Condition and Heating			Base	
360° LED light working light package		Front stubble light (2x); header extremity light (2x) grain tank side row finder light (2x) grain tank light (1x) unloading auger light (1x) straw hood rear working lights (2x) chaff spreader rear working lights (2x)		
LED service & maintenance light package		Engine deck (1x) radiator door (1x) RH service door (1x) LH service door (2x) cleaning shoe service lights (2x)		

UNLOADING AUGER OVERVIEW

Header Size		Unloading Auger 				
		5.20 m (17 ft)	5.60 m (18.5 ft)	6.50 m (21.5 ft)	7.20 m (23.5 ft)	8.70 m (28.5ft)
	20ft		/			
	22ft	/	 Use adapter for trailer below 3 m	/	/	
	25ft	/	 If trailer is lower than 3 m	 If trailer is higher than 3 m	/	/
	30ft	—		/		/
	35ft	—	—			

/ Tractor will drive with a wheel on the windrow
 — Combination not possible

HEADER COMPATIBILITY

MODEL	SIZE						
600R	616R	618R	620R	622R	625R	630R	635R
600F			620F	622F	625F	630F	635F
700X				722X	725X	730X	735X
700D					725D	730D	735D
RDF						RD30F	RD35F
T-Series 5 Walker *	x	x	x	x	x	x	—
T-Series 6 Walker *	x	x	x	x	x	x	x

* Can vary from the combine model and if HillMaster™ or TerrainMaster™

x compatible
 — not compatible

A John Deere harrow is shown in a dark, textured environment, possibly a field or a tunnel. The harrow is green and yellow, and its tines are visible. The lighting is dramatic, highlighting the harrow against the dark background.

**NOTHING RUNS
LIKE A DEERE™**

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