

Built for the job

7050 and 7050i Series Self-Propelled Forage Harvesters



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Built for the job: John Deere SPFHs.

John Deere equipment is known for its outstanding reliability all over the world. So when you invest in a John Deere 7050 or 7050i forage harvester, you can be sure of getting a tough, proven machine that can work flat out all season – without missing a beat.

That said, reliability is only one of our strengths! These versatile machines chop top quality silage – and top quality biomass – more profitably than ever before. Thanks to our powerful i-solutions and guidance systems, they deliver consistent, high productivity around the clock. They can even provide the data you need to manage your business more effectively.

With a powerful new model, a larger header range and our new Dura Line parts, this year's range is the best we've ever built.

Discover why!

Built for capacity and quality.

Everyone talks about capacity but in our book there's more to good harvesting than power alone. Because at the end of the day, it's always feed quality that matters most .

So while John Deere SPFHs give you all the power and capacity you need, we never forget that quality comes first. That's why we design and build our machines so carefully, test them so thoroughly and equip them with intelligent systems that boost productivity and cut costs, yet still ensure better results than ever before.





New header portfolio

No job is too big for our new header range. Whether you're picking up grass, cutting whole crop or harvesting the biggest maize fields in the region, we have a header to suit.

Extend lifetime. Reduce downtime. Enjoy better value for money with Dura Line wear parts!

With the new range of Dura Line, heavy duty crop flow wear parts you exceed the lifetime of standard parts significantly. Dura Line is available for all high wear components including spout liners and caps, bands and floors as well as chutes.

Built for efficient harvesting.

Intelligent technology – your business advantage

John Deere 7050s are designed, engineered and built to work around the clock but it's our innovative technology that really makes them stand out.

Need a machine that will handle all field conditions? Try the ProDrive propulsion system. Need a machine that can work through the night? Choose AutoTrac guidance. Need a machine that will produce high quality silage? Choose the 7050 with its powerful i-features and it will do it for you automatically. The 7050i gives you the tools to run your business more profitably than ever before.



1 Remotely manage multiple machines

Use the JDLink system to remotely manage an entire fleet from one computer. Check machine location and status ... usage reports ... maintenance records ... even receive emergency alerts by text to your mobile phone.

2 Record all your business information

Harvest Doc software stores all the information you need and gives contractors the flexibility of different charging options – by the hour ... fuel consumption ... tonnage harvested ... and more.



Built for consistency.

Efficient harvesting is all about consistency and with i-solutions, you can be sure that whoever is on the machine will get excellent results every time.

The 7050i gives you three advanced systems as standard: HarvestLab, AutoLOC and HarvestDoc. Here's what they do:

- **HarvestLab**
measure dry matter to ± 2 percentage points on-the-go. Eliminates the need to get samples checked at the lab.
- **AutoLOC**
combines the IVLOC transmission and the HarvestLab sensor, so cut length is optimised automatically according to the dry matter readings from HarvestLab.
- **HarvestDoc**
comes into its own when the harvest is in. It provides a permanent record of all the key input data for yield mapping – plus different invoicing options for contractors.

3 Automatically cut quality silage

The AutoLOC cutting system is linked directly to HarvestLab sensor and IVLOC transmission, so cut length is optimised automatically for consistent, high quality silage.

4 Measure Dry Matter content in real-time

The HarvestLab sensor lets you accurately measure dry matter to ± 2 points on-the-go. No more waiting for samples to come back from the lab!

5 Operate in all field conditions

The ProDrive propulsion system gives you excellent grip on steep slopes, in wet or dry fields, on the road or in the field.

6 Enjoy relaxed driving

We've automated many of the forage harvester's controls, including metal detection, gear changing, knife sharpening, the height and tilt of the header and spout positioning.

7 Minimise your fuel costs

When you're running at full capacity during the harvest season, you'll appreciate the superior fuel economy of our PowerTech Plus engines.

8 Cut maximum widths whatever the visibility

AutoTrac guidance automatically ensures optimum cutting width with every pass whatever the visibility – day or night.

Built for smoother crop flow.

The new 7050 Series uses its power wisely. High productivity and fuel efficiency are assured. The crop flow design keeps friction (and wear and tear) to a minimum and every component in the system is designed to work in complete harmony with all the others.

The results? Quieter operation. Smooth crop flow under all harvest conditions. Perfect use of the embedded power for optimum efficiency and no compromises on silage quality!



5 steps to high output, high quality silage.

1 Smooth crop feeding.

Heavy duty steel feed rolls keep the crop mat tight and even for precise chopping.

2 Sensitive metal detector and stone trap.

The highly sensitive metal detector system disengages the feed roll drive in a fraction of a second. Stones simply fall through the trap.

3 Efficient, precise cutting.

Our DuraDrum cutterhead is field proven on more than 18,000 forage harvesters. Thanks to the automatic shearbar adjustment, the cut is clean, efficient and requires less power. The DuraDrum cutterhead features:

- High inertia, reverse motion for high quality sharpening
- Auto shearbar adjustment for perfect cut
- Segmented knives for flexible cutterhead configuration

4 Effective kernel cracking.

Because the different configurations can combine roll types and speed ratios, our Kernel Processor is ready for anything. Choose rolls for maize, wholegrain cereals or specialist crops like sorghum.

5 High speed loading.

The crop accelerator keeps throughput fast and steady. That means consistent trailer loading – whatever the crop or conditions.



From maize to grass in minutes

With our easily removable Kernel Processor, it's a one-man job to switch between maize and grass in minutes. You can either lower it down using the chain winch or at the touch of a button with the optional motor drive. The KP has rollers, so once on the ground it can be pulled free of the harvester for easier maintenance and storage.

Built for cut control.

Sharp knives mean better fuel economy, better crop quality and higher tonnages. To sharpen knives on a 7050 Series, all you do is press a button in your cab. You can even interrupt the cycle if you need to return to work quickly.

The cutterhead rotates in reverse during sharpening, so the heel of the knife hits the sharpening block first. That leaves a very sharp tail for cutting and keeps knives sharper longer. The reverse cutterhead rotation and 2-phase shearbar adjustment system deliver the accurate settings you need for an efficient cut.

Adjusting the length of cut while you harvest couldn't be easier, thanks to the Infinitely Variable Length Of Cut transmission (IVLOC). Just turn a dial to set the cut length from 4 – 19 mm (56 knife cutterhead), 5 – 22 mm (48 knife cutterhead) or 6 – 26 mm (40 knife cutterhead).

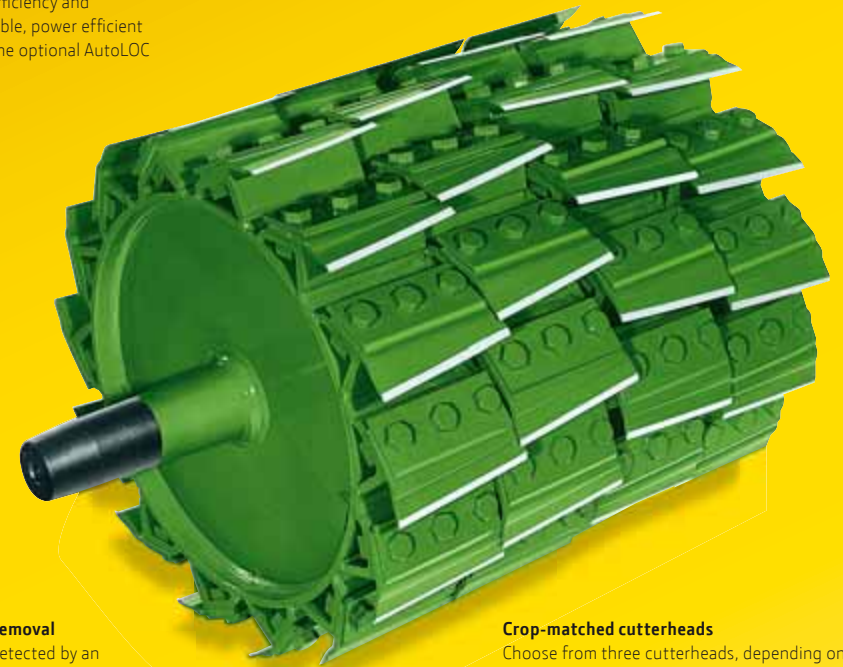
The optional AutoLOC cutting system goes one better. It optimises the length of cut automatically while you harvest, based on the dry matter data it receives from the on-board HarvestLab system.





High Efficiency IVLOC Transmission

The IVLOC transmission combines the best of both worlds: mechanical efficiency and hydraulic control. This reliable, power efficient unit is also available with the optional AutoLOC system.



Effective foreign object removal

Any ferrous materials are detected by an ultra-sensitive metal detector. This stops the feed rolls in just 40 milliseconds. The in-cab indicator panel shows the operator just where to find the object, saving time and stress.

Crop-matched cutterheads

Choose from three cutterheads, depending on your crop and cutting conditions. The 40 and 48 knife heads are perfect for long grass, fibre crops and maize. The 56 knife head provides the finest chop (4 mm) and excellent quality maize silage, even in dry conditions.

Built for comfort.

No wonder operators enjoy the 7050 Series so much. The panoramic cab gives you terrific all-round vision. Mirrors, switches, displays – everything is right where you need it. Just adjust the seat height, set the angle and reach of the steering wheel and you're ready to go!

The main controls couldn't be simpler. One hand lever for forward, stop and reverse, plus a bank of switches for the main power functions. Header, shearbar adjustment, spout positioning and length of cut can all be controlled automatically. And with AutoTrac hands-free steering system, you'll get the most out of every pass you make.





Spill-free loading

Excellent visibility ensures safe and accurate driving.



Fingertip control

Switches and controls are easy to read and logically placed.



Clear instrumentation

Check all the main functions at a glance.



Excellent night time visibility

Powerful cab and row finder lights let you harvest through the night.

Built for performance

John Deere PowerTech Plus diesel engines are built for the job. That means they're out-and-out off-road engines – not just a modified truck engine. Why is that important? Because off-road engines are built to work harder and last longer.

The new 7050 complies with stringent Tier III emission standards and delivers more power and torque than ever before. It also has a variable geometry turbocharger that reduces fuel consumption and boosts torque at low engine speeds.

That way the performance of the 7050 Series SPFH is less sensitive to sudden changes in conditions or crop density.

Harvest over 300 tonnes per hour.

With a Cummins QSK19 engine that pumps out more than 812 hp, you and your 7950 will lead the field all season long.

And because the crop flow components are designed for maximum crop flow and minimum friction, you'll experience more capacity and higher efficiency than ever before.





5 steps to high performance and efficiency.

Cut fuel bills – not performance.

Like everything else on the new 7050, the Tier III PowerTech Plus engine was built for the job. Designed for off-road use only, it has a variable geometry turbocharger that reduces fuel consumption and boosts torque at low engine speeds too. As a result, the performance of the 7050 Series SPFH is less sensitive to sudden changes in conditions or crop density.



1 Cooled Exhaust Gas Recirculation (EGR)

This externally mounted unit lowers peak combustion temperature and reduces emissions without affecting fuel economy.

2 Variable Geometry Turbocharger (VGT)

The vanes on the VGT change with engine load, improving responsiveness, fuel economy and torque at lower revs.

3 Powerful ECU

Twice the memory, five times the computing power of Tier 2 engines. This ECU features snapshot diagnostics that can store up to seven sets of diagnostic data.

4 Multi-valve design and high pressure injection system.

Four valves per cylinder optimise the high pressure injection. Improved airflow means better performance, better fuel economy and lower emissions.

5 Less maintenance.

The oil filter only needs changing every 500 hours (model dependent). Access to components is easier too.

Built for speed.

With a top road speed of 40 km/h the 7050 Series SPFH keeps up with tractors and trailers effortlessly. There's no delay in getting to the field. And with field speeds of up to 20 km/h, there's no delay in harvesting either.

The optional ProDrive propulsion system is easy to use. It delivers huge amounts of grip to keep you harvesting in all conditions: wet or dry, steep or sensitive. It also works smoothly with the engine-speed management system to optimise efficiency and save fuel on the road and in the field. The system controls the engine speed and/or the ground speed to reduce fuel consumption without reducing performance.

The 4-wheel drive unit has a fully-electronic wheel slip monitoring system, so maximum power is always delivered to the ground. When it comes to safety and control, nothing comes close to ProDrive propulsion system.





40



High performance. High efficiency.

Automatic shift gearbox.

The 2 speed, automatic shift gearbox lets you continuously adjust the speed of your SPFH between 0 and 20 kph in the field and up to 40 kph on the road. So you spend less time on the road and cut more crop in the field.

Automatic differential lock.

The integrated differential lock activates automatically for continuous traction for the front wheels.

Engine/Speed Management.

The Engine/Speed Management System compensates for engine loads to improve fuel efficiency. How? By fine-tuning ProDrive and engine activities in a way that maintains the optimum fuel consumption and speed of your SPFH on the road, in the field and during headland manoeuvres.

Full ASR.

The Anti Slip Regulation system controls the front and rear axle drives to ensure permanent traction, save fuel and improve soil conservation.

Automatic brake system.

The 2 wet disc brake packs on the front axle are managed automatically. So all you have to do is control the vehicle speed with the multifunction lever!

Built for biomass – the complete solution.

No doubt about it – biomass is an important source of renewable energy. But while many producers still think the capacity of the SPFH is all that counts, we prefer to look at the bigger picture.

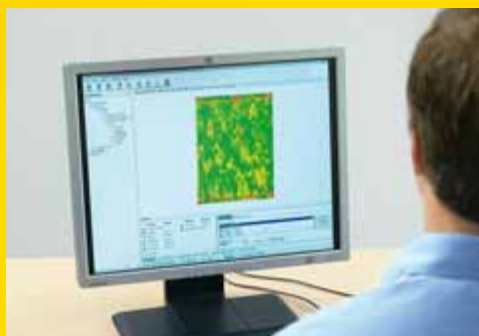
The John Deere 7050 Series is designed for outstanding reliability and throughput capacity. Thanks to our efficient power train and smooth crop flow, you get high quality cutting with the optimum short chop. Plus, of course, crop versatility too.

And with powerful management solutions like HarvestLab, HarvestDoc and JDLink on your side, you'll be able to manage your whole biomass business as effectively as you cut!





The **HarvestLab** system constantly monitors the dry matter content of the crop so you can select the ideal length of cut for your biogas production.



The **HarvestDoc** software lets you create yield maps for permanent records – by recording data on total mass harvested, total area harvested and latitude and longitudes.



The **JDLink*** system lets you remotely manage your fleet directly from the office. It wirelessly tracks machine performance, fuel consumption and location. It even sends email or text message alerts to help you schedule your maintenance throughout the harvest season.

*currently available in France, Germany, Italy and the UK.

Built for a wide range of crops.

Need to harvest a wide range of crops in all kinds of field conditions? Our tough, durable headers and pick-ups give you the flexibility you need. With their low cutting heights and high speed capacity, they perform well in laid crops and their low-maintenance design ensures years of reliable service.

The row independent cutting system features high speed cutting rotors and a freewheel mechanism. It uses enclosed saw type rotor blades with replaceable segments to cut across the entire cutting width. The high speed cutting rotors cut well in difficult conditions too. That means weeds, but also crops like sorghum, sunflowers, whole crop silage, oilseed rape, hemp or pampas grass.

Everything is designed to make maximum use of the harvester's engine power; even the crop intake is lengthwise to the main chopping unit. The two angled, step type intake drums ensure clean gathering across the entire channel width. So in addition to optimum chop quality, you also enjoy maximum productivity.



John Deere pioneered row independent cutting technology. This lets you cut maize in any direction, which is particularly important when harvesting laid crop.



Which head is right for my crops?

We offer you a wide range of headers in both big and small drum design:

Small drum headers
330, 345, 360, 375 and
390 Plus
3, 4.5, 6, 7.5 and 9 m
4, 6, 8, 10 and 12 rows

Large drum headers
445, 460 and 475
4.5, 6 and 7.5 m
6, 8 and 10 rows



400 Series: the large drum header line.

4.5, 6 or 7.5 m. The large drum design is built for extreme harvesting conditions like tall energy maize (over 4 metres). It performs outstandingly well in laid crops and the large gatherer drums ensure almost loss-free feeding. The new 475 features two small drums at each outer side. The small outward turning drums provide a continuous material flow to the large gatherer drums.



300 Series: the small drum header line.

3, 4.5, 6 or 7.5 m. A tried and tested design with many years of proven use in a wide variety of crop types. The short design means fewer counterweights are required, which reduces axle loading.



390 Plus

9 m. This 9 metre small drum header cuts the majority of stemmed crops. The central component gathers the enormous amount of crop lengthwise into broad bundles, so it can feed the wide channel machine to the max. For even smoother crop flow, all scrapers are attached away from the feeding channel. To save expensive harvesting time you can fold the 9 m header back to just 3.3 m in just a few minutes and even attach the support wheel without leaving the cab.

Built for grass, wholecrop and wood.

In addition to powerful multi crop headers, we also offer a complete new range of specialised headers for all kinds of crop. For grass, take a look at the new 600C pick-up line with its new, smooth looks and standard foldable gauge wheels. For wholecrop silage, try the QuickCut header (also available from your John Deere dealer) or, for fast growing trees, look at the CRL Wood Cut header.



600C Series

3, 4 and 4.5 m. The new 600C now has an improved drive line and lots of new features and options to perfectly tailor the pick-up to the customers' specific requirements and conditions. The small diameter pick-up reel gives the unit a low profile, so the crop travels less before entering the feed rolls. To improve performance in uneven field conditions, simply fold out the new standard foldable gauge wheels. These have ten different settings and can be adjusted easily without tools. In transport position, they lock automatically.



Whole crop silage

5.6 m. The QuickCut header handles all kind of crops and crop combinations easily and effectively. The disc mowerbar cuts tight to the ground and can work down to 4 cm height for laid crops. The mower bar delivers crop directly to the large cross feed auger. The header is easily mounted from its transport trailer and there's only one drive shaft to connect when you latch it to the harvester.



Wood

3 m. Make the most of the winter season with this powerful Short Rotation Forestry header!

Built for the job.

When we designed the 7050 Series, we put reliability and durability at the top of our list – just as you do.

Prevention is better than cure, so we designed the stress and strain out of the components on the drawing board. Next, we ran a worldwide dynamic test programme that covers every crop and every condition you can think of. Only then did we begin production.

We build all our harvesters at Zweibruecken in Germany. The plant uses the same rigorous manufacturing and testing processes as our tractor assembly line and has full ISO 9001 quality accreditation.

The final link in the chain is our dealer network. It minimizes downtime and maximises uptime by ensuring overnight parts delivery and longer opening hours during the harvest season.



Advanced Design

Finite Element Analysis allows 3D component modelling of vibration, structural, fatigue and heat transfer analysis.



Premium Build Quality

The factory in Zweibrücken has years of experience in building more than 10,000 SPFH.





With you all the way.

During harvest season, our trained technicians work the same hours as you do. To get you back up and running fast, our experts can perform a step-by-step, in-field diagnosis. After pinpointing any problems, they can then programme the onboard electronics straight from their laptop.

You can always order parts directly from www.JDParts.JohnDeere.com too. Thanks to our overnight delivery, in most instances whatever you need will be there the very next morning.



Model		JD 7950	JD 7750	JD 7550	JD 7450	JD 7350	JD 7250	
		SAEJ 1995			Power (ECER120 Norm)			
Maximum power @1900 rpm kW (hp)		597 (812)	458 (625)	458 (625)	409 (560)	352 (480)	281 (380)	
Rated power @ 2100 rpm kW (hp)		—	428 (582)	428 (582)	383 (521)	330 (449)	261 (355)	
Extra power kW (hp)		—	30 (43)	30 (43)	26 (39)	22 (31)	20 (25)	
Engine								
Manufacturer		Cummins	John Deere	John Deere	John Deere	John Deere	John Deere	
Type		QSK	PowerTech Plus	PowerTech Plus	PowerTech Plus	PowerTech Plus	PowerTech Plus	
Model		QSK 19	6135HZ	6135HZ	6135HZ	6135HZ	6090HZ	
Displacement L		19	13.5	13.5	13.5	13.5	9	
Cylinders		In line 6	In line 6	In line 6	In line 6	In line 6	In line 6	
Engine rpm/ min on road mode		3 speed GB ProDrive	1650	1650	1650	1650	1650	
			As low as possible depending on the engine load (Engine Speed Management)				—	
Fuel system		CommonRail	"Unit injectors +4 valves +EGR + VGT"	"Unit injectors +4 valves +EGR + VGT"	"Unit injectors +4 valves +EGR + VGT"	"Unit injectors +4 valves +EGR + VGT"	"Common Rail injectors +4 valves +EGR + VGT"	
Cooling fan drive		Direct	Direct	Direct	Direct	Direct	Direct	
Driveline								
Drive clutch		Multi-Disc	Multi-disc	Multi-disc	Multi-disc	Multi-disc	Multi-disc	
Number of discs		5	5	5	4	4	4	
Main driveband					Re-inforced with kevlar inserts			
Belt tensioning					Active, hydraulic pressure			
Main driveband-polybelt: belts		7	7	7	6	5	4	
Ground drive								
"Type-Hydrostatic 3 speed, helical gears"	Drive range (20 km/h)	NA	0 – 6.9	0 – 6.9	0 – 6.9	0 – 6.9	0 – 6.9	
		NA	0 – 13	0 – 13	0 – 13	0 – 13	0 – 13	
		NA	0 – 20	0 – 20	0 – 20	0 – 20	0 – 20	
	Drive range (25 km/h)	NA	0 – 8.6	0 – 8.6	0 – 8.6	0 – 8.6	0 – 8.6	
		NA	0 – 19.6	0 – 19.6	0 – 19.6	0 – 19.6	0 – 19.6	
		NA	0 – 25	0 – 25	0 – 25	0 – 25	0 – 25	
	Drive range (30 km/h)	NA	0 – 10.2	0 – 10.2	0 – 10.2	0 – 10.2	0 – 10.2	
		NA	0 – 19.6	0 – 19.6	0 – 19.6	0 – 19.6	0 – 19.6	
		NA	0 – 30	0 – 30	0 – 30	0 – 30	0 – 30	
	Hydro-mechanical rear axle	NA	Optional	Optional	Optional	Optional	Optional	
		Drive range (20 km/h)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	NA
		0 – 20 (Road)	0 – 20 (Road)	0 – 20 (Road)	0 – 20 (Road)	0 – 20 (Road)	0 – 20 (Road)	
"ProDrive Autoshift transmission Differential lock (automatic and manual) Automatic wet brake system"	Drive range (25 km/h)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	NA	
		0 – 25 (Road)	0 – 25 (Road)	0 – 25 (Road)	0 – 25 (Road)	0 – 25 (Road)		
	Drive range (30 km/h)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	NA	
		0 – 30 (Road)	0 – 30 (Road)	0 – 30 (Road)	0 – 30 (Road)	0 – 30 (Road)		
	Drive range (40 km/h)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	0 – 20 (Field)	NA	
		0 – 40 (Road)	0 – 40 (Road)	0 – 40 (Road)	0 – 40 (Road)	0 – 40 (Road)		
	Hydro-mechanical rear axle + Full ASR	Standard	Optional	Optional	Optional	Optional	NA	
	Crop harvesting units							
Grass pick-ups (m)		4.5, 4.0, 3.0	4.5, 4.0, 3.0	4.5, 4.0, 3.0	4.5, 4.0, 3.0	4.5, 4.0, 3.0	4.5, 4.0, 3.0	
Kemper Rotary Header, Row/m		12/9.0 10/7.5	10/7.5 8/6	10/7.5 8/6	8/6 6/4.5	8/6 6/4.5	6/4.5 4/3	
Automatic steering for maize		Optional	Optional	Optional	Optional	Optional	Optional	
Advanced Header Control		Optional	Optional	Optional	Optional	Optional	Optional	
Feed rolls								
Feed roll frame opening					Swing away, wide access			
Number		4	4	4	4	4	4	
Metal detector		Standard	Standard	Standard	Standard	Standard	Standard	
Width, front (mm)		780	780	660	660	660	660	
IVLOC.Feed roll speed		Infinite Variable Std.	Infinite Variable Std	Infinite Variable Std.	Infinite Variable Std	Infinite Variable Std	IVLOC Opt	
Mechanical LOC. Feed roll speeds		n.a.	n.a.	4 Speed Opt	4 Speed Opt	4 Speed Opt	4 Speed Opt	
Numbers of front end drive speeds		2	2	2	2	2	2	
Cutterhead								
Cutterhead housing width (mm)		830	830	710	710	710	710	
Cutterhead: width/diameter (mm)		805/610	805/610	683/610	683/610	683/610	683/610	
Number of knives		56, 48 or 40	56, 48 or 40	56, 48 or 40	56, 48 or 40	56, 48 or 40	56, 48 or 40	

Specification and design subject to change without notice.

Model	JD 7950	JD 7750	JD 7550	JD 7450	JD 7350	JD 7250
Cutterhead						
Speed at rated engine speed (rpm)	1200	1200	1150	1150/1000	1150/1000	1150/1000
Knife types available (crop)	straight (grass) curved (maize)		Straight (grasses) Curved (maize) Angled (maize)			
Sharpening system	Reverse rotation remote from cab					
Shear bar, reversible	Standard	Standard	Standard	Standard	Standard	Standard
Shear bar, auto adjustment	Standard	Standard	Standard	Standard	Standard	Standard
Kernel processor						
Type	Serrated roller, Quick change and remove					
Maize roll, teeth nr. (speed diff. %)	118 (21%)	118 (21%)	107 (21%)	107 (21%)	107 (21%)	107 (21%)
Wholecrop roll, teeth nr. (speed diff. %)	n.a.	n.a.	160 (32%)	160 (32%)	160 (32%)	160 (32%)
Sorghum roll, teeth nr. (speed diff. %)	n.a.	n.a.	214 (32%)	214 (32%)	214 (32%)	214 (32%)
Roll diameter (mm)	240	240	216	216	216	216
Crop accelerator						
Rotor Dia. / Housing Width (mm)	560/632	560/632	405/506	405/506	405/506	405/506
Number of blades	20	20	12	12	12	12
Speed (option)	1603 (-)	1603 (-)	1800 (2000)	1800 (2000)	1800 (2000)	1800 (2000)
Accelerator band	8 mm Hardox 500, Quick change	8 mm Hardox 500, Quick change	8 mm Hardox 500, Quick change	8 mm Hardox 500, Quick change	8 mm Hardox 500,Quick change	8 mm Hardox 500, Quick change
Spout						
Rotation (Degrees)	200	200	200	200	200	200
Reach from centre line (optional) (m)	3.75 (4.55)	3.75 (4.55)	3.75 (4.55)	3.75 (4.55)	3.75 (4.55)	3.75 (4.55)
Hydraulic raise and lower	Standard	Standard	Standard	Standard	Standard	Standard
Double cap	Standard	Standard	Standard	Standard	Standard	Standard
Automatic Spout Positionning	Option	Option	Option	Option	Option	Option
Length of Cut						
40 knives (mm)	6...26 / 1 mm Steps	6...26 / 1 mm Steps	6...26 / 1 mm Steps	6...26 / 1 mm Steps	6...26 / 1 mm Steps	6.5 – 9.2 / 13.8 – 19.4
48 knives (mm)	5...22 / 1 mm Steps	5...22 / 1 mm Steps	5...22 / 1 mm Steps	5...22 / 1 mm Steps	5...22 / 1 mm Steps	5.4 – 9.2 / 11.5 – 16.2
56 knives (mm)	4...19 / 1 mm Steps	4...19 / 1 mm Steps	4...19 / 1 mm Steps	4...19 / 1 mm Steps	4...19 / 1 mm Steps	4.7 – 6.6 / 9.9 – 13.9
Electrical system (12 V)						
Batteries (numbers) Amp hrs.	(3) x 174	(1) x 174	(1) x 174	(1) x 174	(1) x 174	(1) x 174
Alternator Amps	150 (12 V) + 70 (24 V)	150	150	150	150	150
Capacities (Tank)						
Fuel (L)	1100	1100	1100	1100	700 (1100 opt.)	700 (1100 opt.)
Hydraulic system (L)	46	46	46	46	46	46
Maintenance						
Rotary radiator screen cleaner	Standard	Standard	Standard	Standard	Standard	Standard
Automatic lubrication system (L)	Standard	Optional	Optional	Optional	Optional	Optional
Cab						
Tilt and extend steering column	Standard	Standard	Standard	Standard	Standard	Standard
Air conditioning and heater (Clima Trak)	Standard	Standard	Standard	Standard	Standard	Standard
Cool box	Standard	Standard	Standard	Standard	Standard	Standard
Trainee seat	Standard	Standard	Standard	Standard	Standard	Standard
Hectare counter	Standard	Standard	Standard	Standard	Standard	Standard
Operator information system	Standard	Standard	Standard	Standard	Standard	Standard
CAN Bus electronics	Standard	Standard	Standard	Standard	Standard	Standard
Air suspension seat	Standard	Option	Option	Option	Option	Option
Side window wiper	Option	Option	Option	Option	Option	Option
Electric adjust nand heated rear view mirrors	Option	Option	Option	Option	Option	Option
AMS Solution						
HarvestMon	Optional	Optional	Optional	Optional	Optional	Optional
HarvestDoc	Optional	Optional	Optional	Optional	Optional	Optional
HarvestLab	Optional	Optional	Optional	Optional	Optional	Optional
AutoTrac	Optional	Optional	Optional	Optional	Optional	Optional
Vehicle						
With front tyres	800/65R32	800/65R32	800/65R32	800/650R32	650/75R32	620/75R34
With rear tyres	480/80R26	480/80R26	480/80R26	480/80R26	480/80R26	16.5/85-24
Transport length (w/o header) (m)	6.62	6.62	6.62	6.62	6.62	6.62
Transport width (w/o header) (m)	3.30/3.45**	3.30/3.45**	3.30/3.45**	3.30/3.45**	2.95/3.16**	2.95
Transport height (to cab roof) (m)	3.7	3.7	3.7	3.7	3.7	3.7
Working height (max) (m)	6.2	6.2	6.2	6.2	6.2	6.2
Approx. weight (without header) (kg)	14550	12680	11580	11580	11280	9755

** Depending on tyre brand. Specification and design subject to change without notice.

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