



John Deere Mower Conditioners

Cutting edge productivity



JOHN DEERE

Unsurpassed cutting performance.

Time tested conditioning choices.

Legendary robustness. These standard features across the whole line of John Deere mower conditioners, will help achieve the forage quality you need to satisfy your most discerning customers: your livestock.

We've added several new choices for top cutting performance. These new MoCo's feature many proven, durable components found on current John Deere machines, like the heavy duty impeller conditioning system with swinging steel tines. They're significantly stronger than plastic for more positive pick-up and faster field speeds. The low profile, rotary cutterbar is completely supported by the machine's frame, reducing the amount of stress and strain on the cutterbar. With a wide range of features, you'll confidently cut through rough fields and high tonnage crops with ease.

These MoCo's aren't just highly productive ... they're easy to manoeuvre. Combine this with a top suspension system and they're easy to operate in the field. And, with transport widths less than 3 metres, they're easy to move from one field to the next.

A full range of Mower Conditioning solutions

New additions to the John Deere mower conditioner line

- 324A and 328A Rear Mounted MoCo's
- 488 Twin MoCo



ns for the most demanding customers



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**CUTTING EDGE
PRODUCTIVITY**

Clean cutting performance leads

All John Deere MoCo's feature a **low profile cutterbar design** that improves both cutting performance and forage quality. The cutterbar cuts low to the ground at a flatter angle. Cutting lower to the ground helps you harvest more crop and the razor-like cut helps promote faster re-growth. It also reduces wear on the cutterbar and limits the chance of damage in stony fields.

The John Deere advantage – cutterbar

- *Mow faster and finish your fields quicker*
- *Get a cleaner cut and gather more crop*
- *Handle tough, tangled crops with ease*
- *Save time and money on cutting disc maintenance*
- *Easily handle different types of crop*

The John Deere, thin, modular cutterbar, made of nodular cast iron, gives you a flatter cutting angle, yet reaches a cutting height down to 20 mm. This reduces wear on cutting components and decreases the likelihood of damage in stony conditions.

Wear Caps

Replaceable wear caps take the beating so your discs last longer. They're open on the end so debris can't pack in tight around the nut. Hardware and knife changes are easier and faster.

Time Saving Shear Hub

The disc on each module is attached to the shearhub. If you hit an obstruction that stops the disc, splines on the hub will shear, protecting the gear drive. Repairs take minutes rather than hours. Find out more below.

Nodular Iron Construction

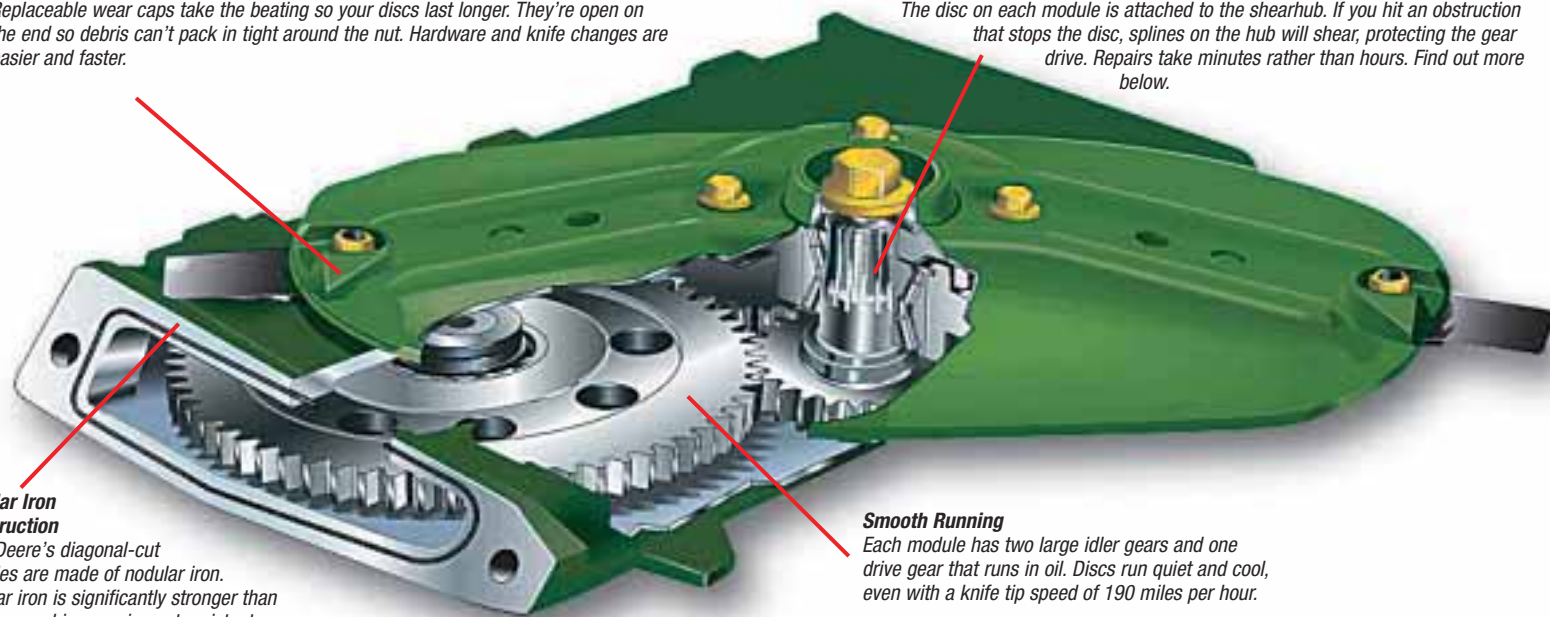
John Deere's diagonal-cut modules are made of nodular iron. Nodular iron is significantly stronger than gray iron and is more impact resistant.

Smooth Running

Each module has two large idler gears and one drive gear that runs in oil. Discs run quiet and cool, even with a knife tip speed of 190 miles per hour.



Satisfying your end customer with high quality hay is just one more benefit provided by John Deere MoCo's.



to higher quality forage

The John Deere shearhub for excellent protection of the cutterbar. There's one under each cutting disc. If a disc receives a severe impact, the shearhub splines will shear, protecting the gears inside the cutterbar. Repairs take minutes rather than hours. Replacing a shearhub is much easier and far less costly than fixing internal components.

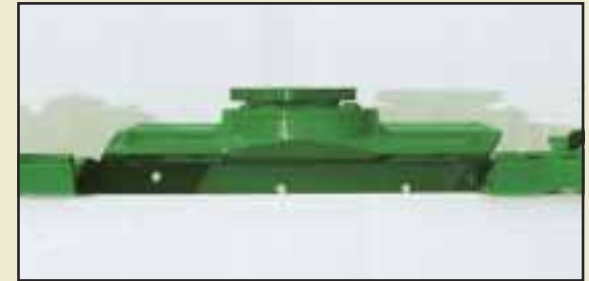


Replaceable wear caps take the beating so your discs last longer. They're open on the end so debris can't pack in tight around the nut. Hardware and knife changes are quicker and easier.



An innovative suspension system responds quickly to changing conditions, helping prevent damage from "scalping." The suspension is also active in transport mode, making the machine more stable on the road between fields.

Designed to be Productive



The John Deere cutterbar features individual modules with a patented diagonal design. Each module slips in and out individually. Just remove seven bolts.



Notice the other modules remain attached to the cutterbar frame as the single unit is removed. The cutterbar can stay on the machine during module removal.



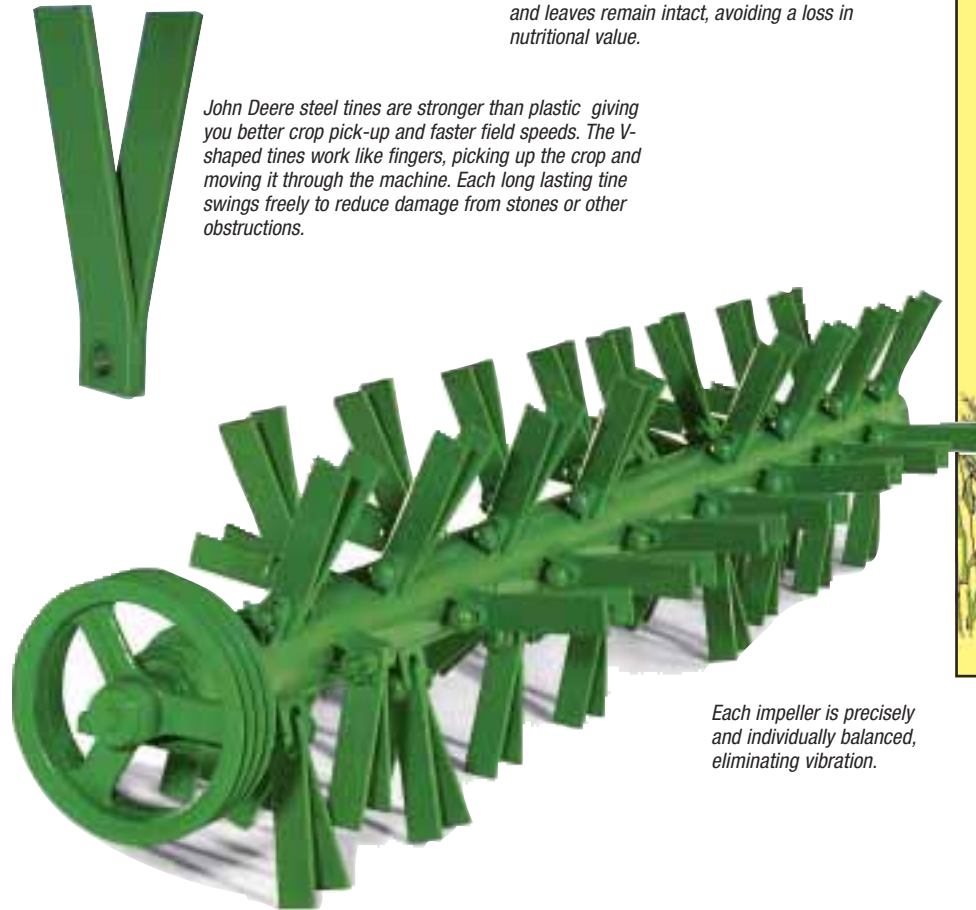
Each module is made of high strength nodular iron and has an O-ring to seal oil in a large capacity reservoir. All modules are interchangeable as well. The diagonal-cut profile makes alignment easy; reattach the bolts and you're done!

More and more growers are turning to proven John Deere conditioning systems, such as the steel tine impeller conditioning system, because they know conditioning has just as much (or more) impact on overall forage quality as cutting. The robust, steel John Deere impeller starts fast for low power consumption and higher throughput. Adjusted properly, it can significantly reduce drying time. And quick, simple adjustments make it easy to match the level of conditioning to different fields or conditions.

Plus, each tine is made of steel, for added durability and swings freely to reduce potential damage from stones or other solid objects. **And John Deere impellers are individually balanced to eliminate vibration.**



The large John Deere steel impeller has a high moment of inertia for low power consumption and higher throughput.



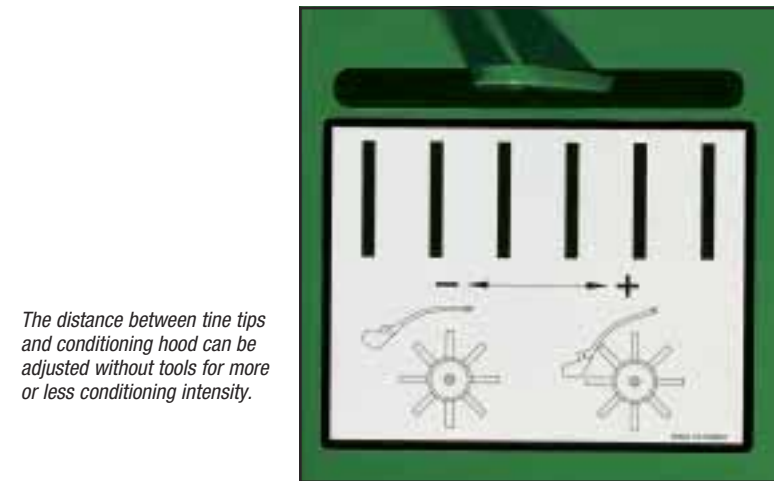
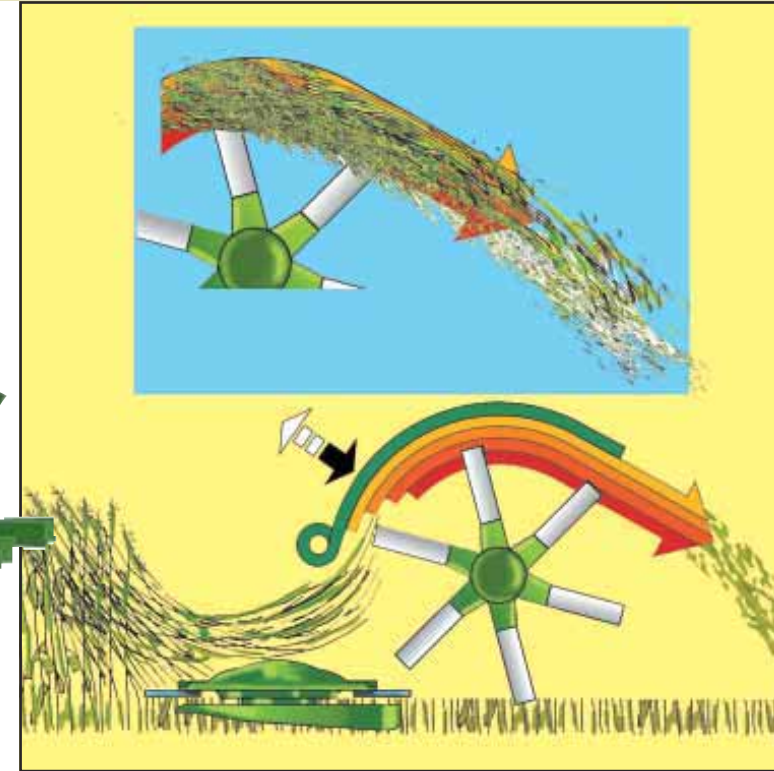
John Deere steel tines are stronger than plastic giving you better crop pick-up and faster field speeds. The V-shaped tines work like fingers, picking up the crop and moving it through the machine. Each long lasting tine swings freely to reduce damage from stones or other obstructions.

Each impeller is precisely and individually balanced, eliminating vibration.

The John Deere advantage – conditioning

- Steel tine impellers are stronger than plastic tines
- Better quality conditioning for better quality forage
- Crops dry faster – for faster harvests
- More palatable forage means:
Better Milk / Beef Yields

Top conditioning in all



The distance between tine tips and conditioning hood can be adjusted without tools for more or less conditioning intensity.

crops, all conditions



Roll Conditioning

John Deere conditioning rolls provide even more crimping to improve crop preservation. Stems are crimped evenly, allowing more moisture to escape. Your forage dries quickly and evenly. And because of their innovative strength and design, the long rolls stay perfectly straight for even roll conditioning.

The John Deere advantage – Urethane rolls

- *Urethane is moulded at a cool temperature, rolls stay straight for even conditioning*

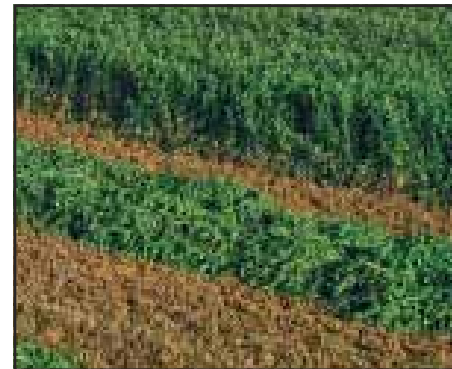


Conditioning rolls.

Choose John Deere conditioning rolls for optimum conditioning in tender crops like alfalfa or thick clovers.

The rubber rolls on the 131, 324 and 328 MoCo's and the urethane rolls on the 530 and 730 MoCo's thoroughly crimp the crop and preserve its leaves and nutrients.

Stems are crimped more with urethane rolls, allowing more moisture to escape. Your forage dries quickly and evenly.



**Require increased productivity?
Now experience it with the
all-new John Deere 500 Series
Side-pull Mower Conditioners.**

The standard hydraulic tongue swing makes it easy to position the MoCo right behind the tractor for a transport width that's the same as the cutting width.

In the field, 500 Series MoCo's are packed with features to give you the best cutting and conditioning available. For example, an all-new suspension system offers high working speeds while providing excellent cut quality.

When it comes to cutting, the low profile cutterbar cuts low to the ground and gives you extra strength and cutting quality. Cutting low to the ground lets you work at a flatter angle, reducing the chance of damage to the cutterbar, especially in uneven or stony conditions. And cutting low to the ground is the best guarantee for a clean cut and faster grass re-growth.



Welds are engineered and manufactured to ensure top reliability and a long lasting piece of equipment.

Push your operation's



The John Deere advantage – 500 Series MoCo's

- *Flat cutting for a low cut and less wear*
- *Low maintenance costs with John Deere cutterbar*
- *Flat cutting angle for low cut*
- *High performance suspension for faster mowing speeds*

productivity forward



The adjustable cap on the windrow deflector allows you to modify the shape of the windrow.



The swivel hitch option provides the best manoeuvrability and versatility when using the MoCo with multiple tractors.



The linkage drawbar option is the affordable alternative for operations using a dedicated tractor for mowing.



Tongue and carrier frame feature a pivot point near the middle of the frame, with a low centre of gravity, for better stability and tracking.



Get even greater crop by equipping your 500 Series MoCo with powered windrow forming shields. You're able to group windrows two by two on 3 m for a 530 and 730 MoCo. Plus, you'll be able to adjust crop flow and form windrows exactly where you want them when working on slopes.

Push your operation's productivity forward with the 730 MoCo.

With their centre pivot design, you can mow on either the right or left hand side, making back and forth mowing easy. You'll be able to start on one side of the field and go progressively to the other, without having to work in lands. And your windrows will always be parallel, making pick-up or tedding even easier.

Or, for even more efficient pick-up, equip your 700 Series MoCo with optional windrow grouper. The two converged windrows will be easily picked up in just one pass with a John Deere SPFH.

Both machines feature a proven, modular, cast-iron cutterbar for extra strength and outstanding cutting quality.

The state-of-the-art suspension system enables high working speeds. It also offers outstanding platform flotation, thanks to outstanding ground pressure, plus fast and smooth return to work position. And on the road you'll be able to move from one field to the next even faster!

Say goodbye to dividing your fields. The centre pivot design enables fast and easy headland turns.



The John Deere advantage – 700 Series MoCo's

- Quick and easy back and forth mowing
- Consistently parallel double windrows for better pick-up
- Low maintenance costs with John Deere cutterbar
- Flat cutting angle for low cut
- High performance suspension for faster mowing speeds

mowing made easy



Big, wide tyres reduce soil compaction by more than 34% for less stubble damage and faster re-growth.



Long, adjustable springs in an all-new suspension system ensure consistent pressure on the ground. Plus you get a fast, soft return to position after striking an obstacle.



Simply twist the wing nuts on the forming shields to get the perfect windrow width.



The swivel hitch gives 700 and 500 Series MoCo's excellent manoeuvrability.



An optional hydraulic cutterbar angle tilt adjustment on the 700 Series MoCo's lets you match cutting angle to the crop, on-the-go.



If you choose to equip your 700 Series with a hydraulic grouper you will be able to lump a 6 metre cut together to a 2.3 metre double windrow.



An optional powered windrow forming shield helps you lay two windrows side by side to be picked up in just one pass by your SPFH. The shield angle is adjusted without leaving the operator's seat.



700 Series MoCo's are designed and engineered to withstand the roughest conditions for greater reliability. You'll get a better resale value and the most out of your investment.

While some farmers have their whole foraging operation contracted – from grass cutting to harvesting – others choose to take complete control of their forage quality by doing it all themselves. If you like keeping control, our “classic” MoCo's are for you. The 1355, 1365 and 1465 MoCo's are reliable, simple to use and easy to maintain.

And with numerous models available, you'll be able to tailor the windrow to your needs. And with a wide range of conditioning systems available, you can choose the system best suited to your field and conditions. The result? Top quality forage.

Proven Side-pull Mo



The John Deere Advantage – Side-pull MoCo's

- *Suspended cutterbar for higher working speeds*
- *Increased cutting capacity in combination with a front MoCo*
- *Excellent manoeuvrability with swivel hitch*
- *High capacity conditioning system*
- *Grouping of windrows for increased productivity*

Here's a perfect example of the massive strength built into every John Deere mower conditioner. The cutterbar is completely supported by the machine's frame, so the frame, rather than the transmission or cutterbar housing, completely carries the stress and strain. It's a real life extender.



Co's – simply a cut above the rest



The linkage drawbar hitch is simple and maintenance free. It offers a narrow turning angle and is best suited to the economically minded farmer mowing with the same tractor every time.

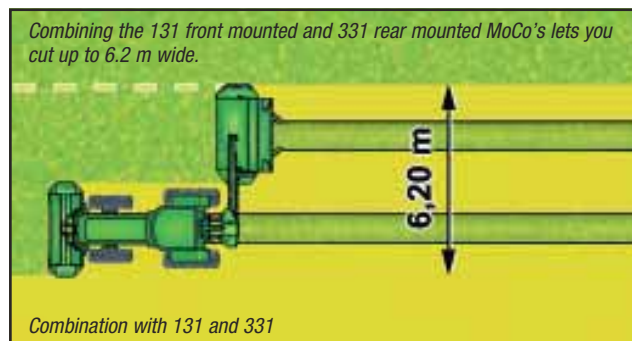


The swivel hitch offers the best manoeuvrability and is perfect for the farmer who mows with several tractors. A minimum number of rotating parts make for easy maintenance. Each one of the two gearboxes is independently sealed to eliminate leaks.

Front mounted MoCo's are the perfect machines to cut in small spaces or odd shaped fields. Their excellent manoeuvrability makes them easy to operate and their front mounted design eliminates the need to drive over standing crop ... even at the beginning of fields. Pair a front mounted MoCo with rear mounted, side-pull or centre pivot MoCo to virtually double your productivity and cut up to 7 hectares or more per hour. Or, choose the proven 228A model. Both offer increased manoeuvrability for small or odd shaped fields.

The John Deere Advantage – Front MoCo's

- Mow up to 7 ha/hour or more when paired with a rear mounted, side-pull or centre pivot MoCo
- Built stronger for increased durability and reliability
- Responsive suspension for faster mowing speeds
- Excellent manoeuvrability in small fields

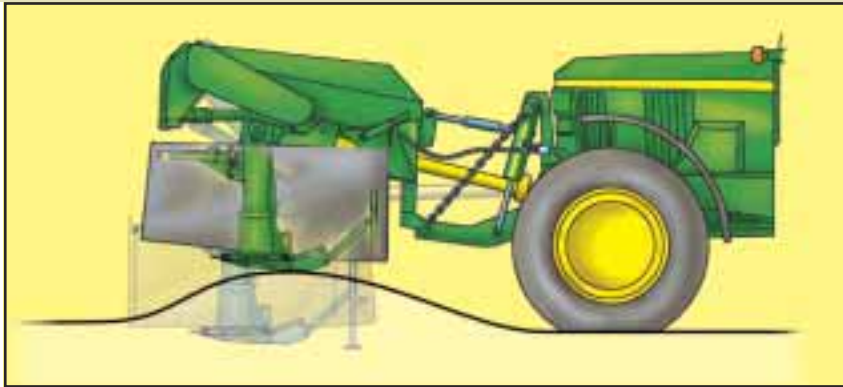


A 131/530 combination lets you cut as wide as 6.1 m in a single pass. Add a grouper to the 530 and turn the 6.1 m cut into a single windrow of 2.3 m ... the perfect width for a John Deere 630B SPFH pick-up.

Combination options

Machines used	Theoretical total cutting width (m)	Overall double windrow width (m) in first cut	Recommended John Deere Pick-up
324A	2 x 2.4	3.2	640B
328A	2 x 2.8	3.7	645B
328A + 228A	5.6	3.9	645B
1355	2 x 2.5	3.1	640B
1365 Classic	2 x 3.0	3.7	645B
530 or 730	2 x 3.0	3.9	645B
1365 Classic + long powered deflectors	2 x 3.0	3.2	640B
530 or 730 + grouper	2 x 3.0	1.9	630B
530 or 730 + grouper + 131	6.1	1.9	630B

on Uncut Crop



The trapezium suspension (shown in this picture) allows the MoCo to float over uneven ground contours. Suspension springs on the 228A maintain constant down pressure on the cutting bed. Should you hit an obstacle, the model pivots, lifting the cutterbar over the obstruction and returns it to the previous cutting height. Springs are adjustable, so you can choose the tension you want.



The upgraded 131 front mounted model features hydro-pneumatic suspension for even more responsive and reliable flotation. The machine automatically lifts up and pivots to follow contours or compensate for soft ground, letting you work at faster field speeds with confidence.



Want more conditioning? Simply lower the adjustable conditioning flap on the 228A or reduce conditioning intensity to work in specialty crops. On the 131 a lever located on the right hand side of the machine sets up conditioning intensity with the same ease.

The new 131 lets you cut 3.1 m wide. Fold in the shields to allow a transport width of less than 3 m.



Wing nuts located on the conditioning hood let you choose wide, fast drying swaths or easy to pick up windrows ... as narrow as 1.1 m (for the 228A).



Change rotor speed to match the crop. In grass, use the faster 888 rpm speed; in alfalfa, slow the rotor down to 615 rpm.



Both the 228A and new 131 front mounted models feature a low profile cutterbar and proven impeller conditioning system.



For the right balance of productivity and manoeuvrability, take a look at John Deere 331 and new 324A and 328A rear mounted MoCo's.

These machines are loaded with innovative features including hydro-pneumatic suspension for an even ride in the roughest and toughest fields. And a twin cylinder hydraulic design on the 331 offers easier transport, better suspension in road transport and improved headland turns.

And all rear mounted models come with a low profile cutterbar and either rolls or the standard "V" shaped, free swinging steel tine conditioning impeller.

Plus, the new 324A and 328A are loaded with even more innovative features such as a standard widespread windrow kit to increase dry-down.

The John Deere advantage – Mounted MoCo's

- *Excellent manoeuvrability*
- *High productivity*
- *Fast and comfortable headland turns*
- *Easy road transport*
- *A broad range of conditioning and spreading options*



For faster crop drying, a wide spread kit comes standard on all rear mounted MoCo's to spread crop across the machine's working width.



You can easily adjust windrow size. Make a wide, fast drying swath or windrow as narrow as 0.9 m.



The new 324A and 328A MoCo's pivot frame follows the contour of your field for a consistent cut and smooth ride.

manoeuvrability



A twin cylinder hydraulic system easily pivots the rear mounted MoCo's from the cab so you can clear field obstructions or raise the unit at headlands without using the 3-point hitch. You'll make faster and tighter U-turns comfortably and won't have to worry about having to adjust the cutting height or suspension.

*The new 324A and 328A models are equipped with an **all-new, higher, easy to lock jackstand**. Combine this with an easy to attach 3-point hitch for more cutting time and less time getting in and out of the field.*

***Match the conditioning to your crop.** One handle lets you move the conditioning hood closer to the rotor (to increase conditioning), or further away (to reduce intensity). In addition, you can choose 2 rotor speeds: 615 rpm setting for delicate crops; 888 rpm for use in grass.*

***MoCo's fold back horizontally behind the tractor and lock into place** for a transport width of less than 2.5 m. Hydraulic controls let you pull into a field, drop the MoCo into the cutting position and start cutting ... all without leaving the cab.*



The extra accurate farm hand

These days, there are fewer professional operators available. John Deere understands. **That's why we've included the wide 381, 388 and 488 MoCo's in our extensive line.**

The 381, 388 and 488 MoCo's feature two rear mounted mower conditioners fitted on one rear frame, in combination with a 131 front mounted mower. The 381 gives you an overall cutting width of 8.1 m, while the 388 and 488 gives you an 8.8 m width.

And the hydraulic left and right swing of the mowers makes it easy to get the perfect cut during sharp turns. The system connects directly to your tractor's SCV's so you can control operations without leaving the tractor cab.

For added productivity, take a look at the all-new 488. This new machine combines the innovative design of a 388 MoCo with a grouper. And no field installation is required. Simply attach it and go.

The John Deere advantage – The 381, 388 and 488 MoCo's

- Clean cut and mow full width with Parallel Tracking or AutoTrac
- Excellent flotation for high speeds
- High working speeds and capacity
- Easy road transport



An all-new hydraulic control box connects directly to your tractor's SCV's. You'll be able to control all your headland operations without leaving the tractor cab.



A breakaway system protects the MoCo from wear and damage caused by obstacles in the field.

you've always wanted



A vertical folding system folds up the mower's "wings" for easy transport. The overall width of the MoCo is less than 3 m for easy transport on public roads.



These MoCo's conveniently attach to tractors with a front PTO, such as a John Deere 7530. Uneven ground contours are handled by the adjustable hydro-pneumatic suspension on each MoCo.



Combined with a 131 front mounted MoCo, the 381 provides an overall cutting width of 8.1 m and the 388 or 488 provides a cutting width of 8.8 m. Equip your tractor with Parallel Tracking or AutoTrac to exploit the full mowing width and increase productivity.

Ag Management Solutions



The farming business is more competitive than ever. You need to get the most out of every hectare of your hay and forage crops, while closely managing your input costs, time and labour. To help you remain successful in your hay and forage business, we have developed GREENSTAR AutoTrac Assisted Steering. AutoTrac allows you to open up land, mow faster, straighter and always make a full cut. You'll also get faster headland turns because AutoTrac takes the guesswork out of your return path. AutoTrac changes farming and your business, for the better. Now your work is more precise, convenient and profitable. See your John Deere dealer to learn more about putting an AMS AutoTrac system to work in your hay and forage business.

	228A	131	324A	328A	331	381	388	488
PTO power of the recommended tractor	Front mounted 60 kW (80 hp)	Front mounted 75 kW (100 hp)	Rear mounted 51 kW (70 hp)	Rear mounted 60 kW (82 hp)	Rear mounted 75 kW (100 hp)	Rear mounted 120 kW (160 hp)	Rear mounted 140 kW (190 hp)	162 kW (220 hp)
Cutterbar								
Number of discs	7	8	6	7	8	2x7	2x8	2x8
Number of knives	14 (2/disc)	16 (2/disc)	12 (2/disc)	14 (2/disc)	16 (2/disc)	28 (2/disc)	32 (2/disc)	32 (2/disc)
Orbit diameter of knives	510 mm	510 mm	510 mm	510 mm	510 mm	510 mm	510 mm	510 mm
Disc speed	2986 rpm	2986 rpm	2986 rpm	2986 rpm	2986 rpm	2986 rpm	2986 rpm	2986 rpm
Knives	Reversible and retractable	Reversible and retractable	Reversible and retractable	Reversible and retractable	Reversible and retractable	Reversible and retractable	Reversible and retractable	Reversible and retractable
Drive	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox
Cutting width	2.80 m	3.1 m	2.4 m	2.8 m	3.1 m	8.1 m	8.8 m	8.8 m
Cutting height	30 to 80 mm	30 to 80 mm	30 to 80 mm	30 to 80 mm	30 to 80 mm	30 to 80 mm	30 to 80 mm	30 to 80 mm
Conditioner (Impeller)				324A only	328A only			
Tines	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel
Number of tines	48	54	42	48	54	2x48	2x54	2x54
Orbit diameter of tines	510 mm	510 mm	510 mm	510 mm	510 mm	510 mm	510 mm	510 mm
Rotor speed:	888 or 615 rpm	888 or 615 rpm	888 or 615 rpm	888 or 615 rpm	888 or 615 rpm	888 or 615 rpm	888 or 615 rpm	888 or 615 rpm
Drive	Powerband	Powerband	Powerband	Powerband	Powerband	double belt	double belt	double belt
Conditioning hood opening	28 to 108 mm	10 to 100 mm	10 to 100 mm	10 to 100 mm	10 to 100 mm	10 to 100 mm	10 to 100 mm	10 to 100 mm
Conditioner (rolls)	NA		324 only	328 only	NA	NA	NA	NA
Rolls profile		Chevron	Chevron	Chevron				
Rolls diameter		200 mm	200 mm	200 mm				
Rolls speed		1000 rpm	1000 rpm	1000 rpm				
Conditioning rolls pressure		Adjustable from 0 to 50 N.m	Adjustable from 0 to 50 N.m	Adjustable from 0 to 50 N.m				
Drive		Pinion and double chain	Pinion and double chain	Pinion and double chain				
Windrowing								
Windrow width	1.10 to 1.60 m	1.40 to 2.00 m	0.9 to 1.8 m	1.0 to 2.2 m	1.2 to 2.5 m	1.3 to 2.5 m	1.3 to 2.8 m	1.8 to 2.3 m
Wide spread	NA	Optional	Standard	Standard	Standard	Optional	Optional	NA
Suspension								
Type	Adjustable springs	Adjustable hydro-pneumatic	Adjustable hydro-pneumatic	Adjustable hydro-pneumatic	Adjustable hydro-pneumatic	Adjustable hydro-pneumatic	Adjustable hydro-pneumatic	Adjustable hydro-pneumatic
Dimensions								
Width (transport)	2.96 m	2.99 m	Below 2.5 m	Below 2.5 m	Below 2.5 m	3 m	3 m	3 m
Weight impeller models	1015 kg	1300 kg	970 kg	1038 kg	1145 kg	2690 kg	2880 kg	4720 kg
Weight roll models			940 kg	1135 kg				
Powerline								
PTO speed	1000 rpm	1000 rpm	540 rpm	1000 rpm	1000 rpm	1000 rpm	1000 rpm	1000 rpm
Protection	Clock-/anticlockwise Shear bolt	Clock-/anticlockwise Shear bolt	Slip clutch + free wheel	Slip clutch + free wheel	Slip clutch + free wheel	Slip clutch + free wheel	Slip clutch + free wheel	Slip clutch + free wheel
Tractor equipment required								
	1 single acting outlet	1 single acting outlet	1 double acting outlet	1 double acting outlet	1 double acting outlet	2 double acting	2 double acting	2 double acting
	Front hitch + "A" frame cat. II	Front hitch + "A" frame cat. II	1 electrical outlet 7 connectors	1 electrical outlet 7 connectors	+ 1 single 1 electrical outlet 7 connectors	+ 1 single acting outlets 1 electrical outlet 7 connectors	+ 1 single acting outlets 1 electrical outlet 7 connectors	+ 1 single acting outlets 1 electrical outlet 7 connectors

for high quality forage

	1355	1365	530	730
PTO power of the recommended tractor	Side-pull 55 kW (75 hp)	Side-pull 67 kW (90 hp)	Side-pull 67 kW (90 hp)	Centre pivot 78 kw (105 hp)
Cutterbar				
Number of discs	5	6	6	6
Number of knives	10 (2/disc)	12 (2/disc)	12 (2/disc)	12 (2/disc)
Orbit diameter of knives	610 mm	610 mm	616 mm	616 mm
Disc speed	2610 rpm	2610 rpm	2650 rpm	2650 rpm
Knives	Reversible and retractable	Reversible and retractable	Reversible and retractable	Reversible and retractable
Drive	Gearbox	Gearbox	Gearbox	Gearbox
Cutting width	2.5 m	3.0 m	3.0 m	3.0 m
Cutting height	30 to 150 mm	30 to 150 mm	20 to 150 mm	20 to 150 mm
Conditioner (Impeller)				
Tines	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel	Mobile V-shape steel
Number of tines	49	56	45	45
Orbit diameter of tines	597 mm	597 mm	597 mm	597 mm
Rotor speed:	870 or 650 rpm (optional 1000)	870 or 650 rpm (optional 1000)	870 or 630 rpm (optional 1000)	870 or 630 rpm (optional 1000)
Drive	Powerband	Powerband	3 V powerband belt	3 V powerband belt
Conditioning hood opening	10 to 120 mm	10 to 120 mm	10 to 120 mm	10 to 120 mm
Conditioner (rolls)				
Rolls profile	–	–	Urethane recessed cleat	Urethane recessed cleat
Rolls diameter	–	–	254 mm	254 mm
Rolls speed	–	–	644 rpm	644 rpm
Conditioning rolls pressure	–	–	Adjustable	Adjustable
Drive	–	–	Gearbox	Gearbox
Windrowing				
Windrow width	0.7 to 1.3 m	0.8 to 1.8 m	0.9 to 2.0 m	0.9 to 2.0 m
Wide spread	Optional swathboard	Optional swathboard	Standard	Option
Suspension				
Type	Adjustable springs	Adjustable springs	Adjustable springs	Adjustable springs
Dimensions				
Width (transport)	2.58 m	3.06 m	3.0 m	3.0 m
Weight	1770 kg	1930 kg	2220 kg (with impeller conditioner) 2320 kg (with roll conditioner)	2550 kg (with impeller conditioner) 2650 kg (with roll conditioner)
Length (transport)	5.50 m	5.50 m	6.90 m	7.30 m
Tyres				
Size	10.0/75x15.3-8 PR	10.0/75x15.3-8 PR	11.5/80-15.3-8 PR (Option) 13/75-16-10 PR (Standard)	11.5/80-15.3-8 PR (Option) 13/75-16-10 PR (Standard)
Powerline				
PTO speed	540 rpm	540 rpm or 1000 rpm	540 rpm or 1000 rpm	540 rpm or 1000 rpm
Protection	PTO shaft + slip clutch	PTO shaft + slip clutch	PTO shaft + slip clutch (540 rpm)	PTO shaft + slip clutch (540 rpm)
Tractor equipment required				
	1 single acting outlet 1 electrical outlet 7 connectors	1 single acting outlet 1 electrical outlet 7 connectors	1 double + 1 single acting outlet 1 electrical outlet 7 connectors	1 double + 1 single acting outlet 1 electrical outlet 7 connectors
Grouper	NA	Optional 72 kW (100 hp) 2.0 m Within moco width Moco length + 870 mm 2.85 m	Optional 75 kW (100 hp) 2.0 m Within moco width	Optional 86 kW (115 hp) 2.0 m Within moco width
Power required with grouper				
Width of double windrow (in first cut)				
Width in transport				
Length in transport				
Height in transport				
Remote control				
Length in transport			Moco length + 1.0 m	Moco length + 1.0 m

Tractors listed above are the minimum recommended size for the application. Power required may vary from crop and field conditions.

From powerful self propelled harvesters, to dependable round balers, to versatile tractors with front loaders, your John Deere dealer has a full line of heavy duty, dependable equipment for your hay and forage operation. And, of course, when it comes to providing power for all your implements, legendary John Deere tractors are the obvious choice. Add the advantages of Parallel Tracking or AutoTrac systems on the 30 Series tractors and you have a highly efficient package.

All John Deere products are fully supported by one of the most powerful dealer networks in the agricultural business. With a dense network of dealerships and parts depots throughout Europe, John Deere offers customers worry free advice, service and support.

Visit www.johndeere.co.uk or visit your local John Deere dealership to learn more.



Heavy duty

Top quality is a hallmark of John Deere. This can be seen from conception to completion across the entire John Deere MoCo line.

John Deere MoCo's are the result of tremendous investment in research and development and manufacturing technology.

John Deere has the wealth of experience and resources to build high quality MoCo's, all starting at the Arc-les-Gray factory. All manufacturing processes are closely monitored, assuring you of premium quality for every piece of hay and forage equipment leaving the factory.



The John Deere advantage – R&D

- *Most advanced design technology*
- *Verification through hours of lab and field testing*
- *Continuous product improvements*

When the crop is ready, your MoCo must be ready and running. It's critical for optimum profitability. John Deere understands this. That's why we have a steady, reliable network of parts and technicians ready to work when you need them most.

World-Class Parts Availability

All John Deere dealers are connected to a central, worldwide parts database. If the part you need is not in stock, your dealer can quickly query other dealers in the region, country or across the continent and have it delivered to your operation the very next day. Plus, with JDPARTS, you can order replacement parts and accessories online, from the convenience of your home. See your dealer for details.

Convenient Hours

John Deere dealers work your hours. Most dealers are open at weekends so you can get the part or service you need as soon as possible. Dealers also offer a special seasonal service with extended hours and availability from May to October.

Unmatched Service and Support

All John Deere dealer technicians participate in extensive, on-going training programmes to ensure unmatched knowledge of the machine. Plus, regional training centres keep them up to date on the latest information and techniques.

The combination of reliable machines, unmatched parts availability, convenient hours and well trained and certified service technicians, result in low ownership costs and high customer satisfaction. It's just another benefit of doing business with John Deere.

www.johndeere.co.uk
www.JohnDeereEurope.com
www.johndeere.co.za
www.deere.com.au

Count on John Deere



This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specifications and design of products described in this literature without notice.

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JOHN DEERE

RELIABILITY IS OUR STRENGTH