

HIGH PERFORMANCE COMBINE HEADERS

MAXIMISE GRAIN YIELDS. MINIMISE HARVESTING TIME.



JOHN DEERE

NOTHING RUNS LIKE A DEERE

WELCOME. YOUR PROFITABILITY STARTS HERE.



Small improvements in grain yields bring big increases in profit. That's why it's critical to choose the correct header. John Deere combines harvest more than half the world's grain. Based on our experience and customer feedback we are constantly adapting and developing our products.

Our wide range of high performance combine headers offer everything from all-crop versatility to specialist capability for challenging conditions and header widths from 4.80 m to 13.70 m. When you add to this our professional dealer network, extended opening hours during the harvest season and parts logistic network, John Deere is a true harvesting partner you can rely on.





600X – THE ULTIMATE EXTENDABLE MULTI CROP HEADER

The new 600X Header is the ideal solution for changing conditions or if you often have to change from grain to rape seed. Crop conversion takes less than 3 minutes and with a table range adjustment of 800 mm and maximum table length of up to 1200 mm you'll catch every grain.

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FIND YOUR PERFECT MATCH

NATURAL FEEDING



600R



The economical small grain header with many premium features in base.



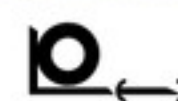
600X



Highly versatile, multi crop cutting platform with auger and extendable table.



600F



Small grain header with an auger and flexible knife for harvesting crops close to the ground such as peas and beans.

ACTIVE FEEDING



700D



The small grain header with belts instead of an auger.



700PF



The small grain header with auger and conveyor belt.



600FD



The small grain belt header with flexible knife for harvesting crops close to the ground such as peas and beans.



900D



The small grain belt header for lower yields.



NATURAL FEEDING

On 600R with mechanical extendable cutterbar, 600X with hydraulically extendable cutterbar and 600F headers with flexible cutterbar the feeding process is passive. Gravity is moving the crop onto the cutting platform table. Stainless steel feed plates ensure a smooth crop flow towards the auger which is moving the crop to the center and inside the combine.



ACTIVE FEEDING

The crop is moved actively by a belt so no compromise on the correct table length needs to be done. On the PremiumFlow header the belt transports the crop towards an auger which then moves it to the centre. On a draper, the crop falls onto a belt which moves the crop to the centre feed drum and then heads first into the combine without twisting it.

SPECIFIC HEADERS AND TRAILER



CORNHEAD

For harvesting corn or sunflower we offer a wide range of row units with different residue handling systems, header sizes and row widths.



615P

To pick up windrows with low shattering losses.



HEADER TRAILER

We offer a large portfolio of header trailers for safe and easy transport of all of our headers.

600R

THE ECONOMICAL SOLUTION WITH PREMIUM FEATURES IN BASE

Following its introduction in 1996 and with more than 650,000 units produced, the design of the 600R header has been tested and continuously improved to offer outstanding reliability ever since. It offers useful features like the possibility to adapt the table length mechanically to the crop. Control of the header is integrated into the joystick and provides automatic control of stubble height, lateral tilt and ground pressure mode. Up to three different header and reel positions can be saved via the "1-2-3" Buttons on the joystick.



20 MINUTE CROP CONVERSION

The 600R header can be adapted for both rapeseed and sunflower harvesting. Conversion takes up to 20 minutes and is easy and convenient.



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



RAPSEED EXTENSION

The Raps-Profi II header extension kit allows you to harvest rape 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.



LEAVE THE ATTACHMENT ON THE TRAILER

If you want to convert quickly from grain to rape threshing without driving back to your yard, the Zürn Vario Support trailer could be the solution. Pick up the header with the attachment together for rape harvest or leave the rape extension on the header for small grain harvest.



PREMIUM FEATURES IN BASE

600R – FROM 4.8 M TO 10.7 M



RUST-PROOF FEEDER PLATES

Stainless steel feeder plates guarantee smooth and even crop transport and will never rust.



3 MANUAL ADJUSTABLE CUTTERBAR POSITIONS

The cutterbar position can be mechanically adjusted to match your prevailing crop conditions. Match the capacity of your header to the crop yields and straw length you usually have.

BOTTOM PROTECTION PLATES

The bottom protection plates avoid stone damage and reduce bulldozing in wet or soft ground conditions. Choose heavy duty over the regular plates if abrasive conditions and down crop conditions prevail in your area.

GROUND FOLLOWING

Up to 3 sensing skid plates for optimum auto header control.



SMOOTH FEEDING

Retractable fingers are positioned over the full width of the auger for smooth, even feeding. Retainers prevent any broken fingers from entering the combine.



HIGH CUTTING SPEEDS

The bolted knives provide a special shape and high cutting speeds. Residue material of the previous crop or green stalks are less of an issue. The bolted knives are easy to change and break less due to special hardening. The alloy steel double guards with special hardening bend less and last longer.



HIGH CROP CAPACITY

The large diameter of 660 mm paired with high 125 mm auger flights allows high volumes of crop to be handled. The crop is fed with less revolutions which reduces wrapping and preserves grain and straw quality.



HEAVY DUTY DRIVES

The auger is driven by a strong chain with a slip clutch to protect the drive in case of crop plugging. The knife gearbox is driven by a belt for smooth, vibration free cutting.

GRAIN LOSS PROTECTION

An optional beam deflector is available to help minimise grain loss and stop crop accumulating on the feederhouse, especially when harvesting rape.

CHOICE OF CROP DIVIDERS

The short, foldable version allows fast conversion to the transport position without using tools. Other options to harvest long or short crops are also available.

THE KNIFE DRIVE GEARBOX

The Epicyclic knife drive provides linear knife movement meaning less wear on the knife due to no forward/reverse movements for less wear on the knife. The high cut frequency means less torque and less stress on the components as well as a clean cut at high forward speeds. The gear box is maintenance-free.

600X

ULTIMATE EXTENDABLE MULTI CROP HEADER

The innovative 600X sets a new standard for multi crop small grain headers in every critical area: Changeover between crops can be done in 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.

LOW GROUND PRESSURE

Despite a width of up to 12.20 m the header is just above 4 tonnes due to the use of composite materials. Due to its intelligent construction it is stiffer ensuring a long service life.



ADJUSTABLE REAR STRIPPER

The rear stripper at the auger can be adjusted within seconds. No need to climb inside the head to loosen screws and move the stripper bar. It can all be done from the rear of the platform using only a wrench.



LESS THAN 3 MINUTES FOR CROP CONVERSION

With no belts and no filler plates to mount, switching to rapeseed is quick. Just remove the divider and install the mechanical side knives.



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



HYDRO HANDLE BUTTONS

Different cutting heights, cutting angles, reel positions and table length can be saved on the 1, 2, 3 buttons on the hydro handle for standing crop, down crop and turning at the headland.



GREEN ON GREEN SOLUTION

The table length can be adjusted on the joystick, the Table Length Advisor gives you the right table length for your crop depending on the stubble height and crop height. This ensures an easy start with the right settings.

CLEAR ADVANTAGES

600X – OFFERS INNOVATIVE FEATURES FOR CLEAR ADVANTAGES

LOW LOSSES

An integrated grain saver shield and optional top beam deflector minimise losses over the rear wall and, due to its special shape, the view into the header is unobstructed.



SMOOTH DIRECT DRIVE KNIVES

The knives are driven by driveshafts instead of belts or chains which increase the lifetime due to reduced wear. On the 10.70 m and 12.2 m header the knife is driven from both sides in a synchronised manner which means wear is reduced and cutting speed can be maintained due to less plugging.

HIGH CAPACITY AUGER

On headers 10.70 m and larger, the auger is split at the centre for smoother crop flow when harvesting high yielding crops.

CATCHING MORE GRAIN

The 800 mm table extension means true productivity: Very often down crop is laid in one direction and is difficult to harvest. With the 600X you harvest up and down the field and change the table length on-the-go. This results in less plugs and more grain captured as you always cut the grain before the auger catches it and less grain is left on the field uncut. The 1,200 mm extension equals the length of a professional rape extension and ensures low shatter losses.



EXCELLENT GROUND FOLLOWING

With automatic height control sensors placed close to the cutterbar knives (4 on smaller headers and 6 on headers 10.70 m and larger), the 600X hugs every contour, picking up crop in the most challenging conditions.

SUPERB NIGHT-TIME VISIBILITY

If your harvest is running into the night there's no need to slow down. With the optional stubble lights you can see how well you're cutting right through the night.

INTEGRATED TOOLBOX

An optional toolbox holds valuable items like knives or finger sections so that they are on hand in case they are needed after hitting a stone.

LIGHTWEIGHT CLIP-ON SIDE KNIVES

Weighing just 15 kg the side knives are a 1/3 of the weight of traditional rapeseed knives. As they are driven mechanically no large motor is mounted on the top which reduces shaking and wear. The storage brackets at the rear of the header ensure you always have the side knives with you when needed. And best of all, no tools are required to exchange them with the crop dividers.

CHOICE OF REEL TINES

The composite design has 52 mm more finger reach to draw in crop compared to steel tines. Due to their different angle, better crop pick-up in down crop conditions is possible.

600F



EXCELLENT IN PEAS AND BEANS

The 600F header with floating cutterbar runs faster and cuts cleaner on uneven ground for reduced losses in down or tangled crops. The 600F is available from 6.10 m up to 10.70 m. While the design of the frame, drives, auger and stainless steel feed plates is similar to the 600R, the flex technology is completely different. It is not just a converted grain header with added flexibility on the cutterbar, the whole header is the result of decades of know-how in soya beans and peas.

HIGH EFFICIENCY CUTTING

The stone dam reduces the opportunity for stones to enter the combine. The knife guards can be adjusted quickly in order to reduce knife section clearance to a minimum. This reduces plugs and enables a clean cut. The high-wear treatment on the knife sections extend the wear of components exposed to a lot of dirt (usually while harvesting beans and peas). The knife sections have special short fingers which unlike fingers designed for cutting small grain, enable cutting close to the ground without digging too much in the dirt and blocking the knife.

LOW GRAIN LOSS

Poly skid shoes set at 38 mm minimum cutting height provide less friction and adhesion of soil as well as reduced fire risk in dry and stony conditions.



CUTS CLOSE ON UNEVEN GROUND

Flexible cutting bar with a wide 152 mm range of flotation up and down for gathering more crop over the whole width of the cutterbar. The in-cab adjustable flotation pressure provides fast adaptation and reduces bulldozing in wet or loose ground.

THE SECRET: A SPECIAL KNIFE

The short double cut knife provides 2 cuts per stroke for an improved cutting rate at a low ground clearance. We recommend the fine tooth knife for small grains as an optional spare knife. The coarse knife is standard for beans or peas. Choose the knife with long and short coarse sections to e.g. cut corn stalks in tough no-till crop rotations.



FULL ADAPTATION TO SMALL GRAINS AND RAPE

Optional header height sensors and a locking mechanism for the flexible cutterbar convert the flex header into a standard small grain header. A regular rape extension can also be fitted as an option which makes this header a universal header, eliminating the need for multiple headers to cut different crops.

700PF

VERSATILE SMALL GRAIN HEADER

The 700PF features active transport of the material from the cutterbar “head-first” to the feed auger resulting in a very constant flow of the material into the combine so it can run close to its maximum capacity. This ensures low peaks of torque on the drivelines thereby creating less wear and greater reliability.

In tough conditions like laid cereals and in peas and grass seed the header’s active material transport is a real benefit as the feed auger gets the material actively and evenly delivered by the belt without any accumulation of material in front. In addition, the 700PF has adopted a new 760 mm auger which can bring up to 20% more volume into the feeder house. Even short material like malting barley is transferred in a constant flow to the auger.

The distance between the cutterbar and the feeding auger is 1,000 mm – in rapeseed the use of the reel is kept to a minimum thanks to the active feeding of the belt, resulting in lower losses while all crop is captured.



MECHANICAL SIDE KNIVES

No Electrics, no Hydraulics – simple, robust, reliable. No heavy motor at the top end which means lower vibrations and lower losses.



3 MINUTE CROP CONVERSION

In only 3 minutes the job is done. Just click on the side knives, lift the auger and you are ready to harvest. Simple and easy – no tools required.





EASY AND LOW MAINTENANCE

Individually hinged belt sections lift up for easy access. The stainless steel covers are sealed and prevent dirt or stones from slipping underneath the belt. Dust can be cleaned out using drawers inside the belt section when changing from rapeseed to small grain or at the end of the season. The self tensioning system of the belts ensures top performance in various conditions or temperatures. This design minimises maintenance and wear.



STREAMLINED CROPFLOW

The new crop flow is a result of the integration of the belts into the frame. They have been lowered down so the crop hits the auger below centre where it is fed straight to a point where it can easily be grabbed by the auger flights and moved towards the feederhouse. For rapeseed the auger can be jacked up with a hydraulic hand pump to make more room for the crop. No chains need tensioning – it is all done without tools.

700D

THE FUTURE OF SMALL GRAIN CUTTING TECHNOLOGY

The 700D header features active material movement with a belt but without any auger. This reduces the weight and ground pressure. The belt does not mix the crop like an auger and feeds the crop heads first into the feederhouse. This improves the performance of the S-Series rotary combines.*

HYDRAULIC TILT

The 700D cutting angle can be adjusted from the cab which is very handy when needing to change cutting height on-the-go e.g. during down crop conditions. You can cut as low as 38 mm and shave the ground to leave a clean field or pick up crops close to the ground such as peas and beans or down crop in general.

INTEGRATED SUSPENSION SYSTEM

The Hydrafloat integrated suspension system in combination with the gauge wheels, allows adjustment of sensitivity of the large gauge wheels hydraulically from the cab to enable consistent cutting height performance. The poly skid shoes provide less friction and adhesion of soil.

SUPERB CROP DELIVERY TO FEEDERHOUSE

The large centre feed drum improves the transition of crops to the feederhouse, especially when harvesting in high volume crops such as rye, barley or canola for optimum combine loading.





FASTER HARVESTING

The combination of the dual-knife system and double-cut knives cut very quickly and cleanly so you can harvest at higher ground speeds.

LOWER COST OF OPERATION

Due to the belt transport instead of the auger in damp conditions (in the morning or evening) less blockages or back feeding will occur. That means more capacity during the harvesting campaign and also less moving parts (no auger, no fingers) meaning less wear costs.

RAPE SEED CAPABILITY

In order to handle bushy rapeseed the top auger diameter increases from 300 to 450 mm to move crop to the centre. At the same time a new gearbox with slip clutch torque of 1,650 Nm ensures correct crop intake.

CONSEQUENT DEVELOPMENT

The 700D is the consequential development of the 600D and now fits to European conditions. The wide 1,016 mm belt with high cleats of 25 mm in the right angle combine with a large top auger, stronger gearbox and special shape and finger design at the centre feed drum. This is rounded off by a special rape sealing kit to keep losses under control.



CLEANER CROP PICK UP

The large diameter support wheels mounted at the rear of the platform already provide good ground following capability. In order to improve ground following, especially when cutting close to the ground (e.g. down crop), the HeadSight sensor mounted close to the cutterbar provides even better contour following.



HIGHER THROUGHPUT

The variable speed side belts can be adjusted to suit the combine's ground speed for maximum throughput.



DOUBLE CUT KNIFE DRIVE

The short double cut knives provide two cuts per stroke at a lower ground clearance for improved cutting rate and gathering. The cutterbar is divided into two parts, driven from both sides, to take the stress away from the components. It is driven in a synchronised manner to reduce shaking.



INTEGRATED TRANSPORT SOLUTION

The support gauge wheels can be converted to transport the header. The wheel size and load capacity allow for safe and reliable transport. When transport conversion is not often required and depending on local road regulations, this can save investment into a separate header trailer.

LONGER HARVESTING TIME

Operators found that their harvesting time was extended and productivity was increased tremendously in tough conditions.

600FD

SUPERIOR GROUND FOLLOWING CAPABILITIES

The 600FD Series HydraFlex Draper Platform features HydraFlex, a hydraulic float system allowing superior ground following capabilities over a wide range of crops and conditions with a focus on beans and peas.



A TRUE FULL-WIDTH CUTTERBAR

The new 635FD and 640FD HydraFlex headers flex 19 cm (7.5 in.) up and down across the full width of the cutterbar, allowing the header to hug the ground, reaching more crop with every pass. You can change the amount of weight on the cutterbar to match soft or hard soil conditions while you cut.





LARGE CENTRE FEED DRUM SECTION

The 410 mm feed drum improves the crop hand off from the draper belts for smoother feeding and better performance of the combine while the stainless-steel floor under the feed drum improves wear life and durability.

- Increased machine performance with a feed drum retractable auger finger which improves crop feeding at the corners of the feed drum to help direct material to the feederhouse
- Improved material handling and increased productivity through a unique, high-capacity centre feed section with a 20 percent faster belt speed and 35 percent increase in feed drum slip clutch over previous models (now 1,650 Nm).



A TRUE FULL-WIDTH VIEW

We designed the new 600FDs with swept back rear panels to allow you an unobstructed view across the full width of the head. You can see the crop as it's cut, laid head first on the side draper belts, delivered to the centre belt and fed smoothly into the combine.

410 MM HIGH-CAPACITY FEED DRUM

A large feed drum with tapered ends feeds the crop from the centre feed belt into the feederhouse for smooth, uninterrupted crop flow. Engage the feederhouse reverse switch on the armrest to reverse the reel, feed drum and centre feed belt.



TWO-PIECE REEL (640FD AND 645FD)

The two-piece reel on the 640FD and 645FD features a five-cylinder lift system that provides a consistently levelled reel height across the full width of the cutterbar. This allows even feeding of the crop onto the draper belts.

PROTECTION SYSTEM

Speed sensors monitor the speed of the idler rollers, and if any major slippage happens, the belts shut off to reduce side belt damage. This allows even feeding of the crop onto the draper belts.

900D*



GREAT FOR MEDIUM HEIGHT STRAW

This draper header is designed for low and medium yields and features a narrow belt at a flatter position. The heads first feeding provides better feeding on both walker and rotary combines, especially in low or medium yielding areas. The excellent ground following capability enables high forward speeds even on rough terrain. The 900D is available in 9.15 m and 11.00 m widths. The air suspended gauge wheels provide excellent ground contour following.



DOUBLE CUT KNIFE DRIVE

The short double cut knives provide two cuts per stroke at a lower ground clearance for improved cutting rate and gathering. The cutterbar can be mechanically tilted to change cutting height.

LOW MAINTENANCE DESIGN

A mechanically driven, on-board, high-capacity hydraulic pump maintains system pressure. No additional reservoir, oil cooler, or oil filter required.



THE 936D OFFERS THE ALTERNATIVE OF CREATING WINDROWS DELIVERING THE WINDROW TO THE RIGHT-HAND END OF THE PLATFORM OR RIGHT-HAND DRIVE TYRE.

A ROAD TRANSPORT SYSTEM

is available as an option converting to road transport configuration by relocating the platform gauge wheels, extending the hitch on the left side of the draper platform in about 10 min.

CORN HEADS

Our corn headers are made in Germany by Geringhoff – one of Europe's oldest agricultural equipment manufacturers. Available in a wide range of widths and row spacings to match your combine's capacity, these heads can run at high ground speeds in all conditions. Designed for minimal maintenance, the secret to Geringhoff's legendary durability is the precision engineered gearboxes, which utilise an internal self-adjusting slip clutch to protect the unit's moving parts. Geringhoff stands for high quality and durable parts, giving customers a reliable, durable, high-performance corn head to maximise the performance of our combines during the harvest season.

EASE OF USE

The combine operator can easily adjust the head to get 100% out of the machine thanks to Geringhoff's intuitive machine operation, featuring a standard control terminal that displays important operator information.



INTAKE

The large, tall crop dividers smoothly lift the cob into the machine, perfect to pick up down corn. The gathering chains are tensioned automatically and require no re-adjustment with a unique sprocket integrated slip clutch. The rotors take the material down with eight sharp and durable tungsten carbide coated edges, easily destroying the maize plant and creating less work for the chopper for low-fuel, low-power results. Across the full width of the rotor, it utilises the same diameter and speed for smooth feeding and less loss, while large, adjustable intake augers add to Geringhoff's smooth-feeding performance.

DURABILITY AND LOW MAINTENANCE

The low-maintenance Geringhoff corn head features a modular drive system that doesn't require chains or belts. Driven by tough, aluminium gear boxes, these low-power drivetrains will help you save fuel and increase efficiency.

INNOVATIVE DRIVE SYSTEMS

The gearbox's independent, integrated slip clutches protect the chopper, snapping rolls, gathering chains and intake auger from overload. Featuring more than four clutches per row, this unique protection system gives customers a reliable machine during the harvest.

SUPERIOR FOLDING SYSTEM

The reliable, hydraulic folding strategy and automatic driveline coupling system features a PTO shaft with no need to manually couple the drive components (for all John Deere combines, up to 24 rows, including HillMaster combines).



FAST CROP-TO-CROP CONVERSION

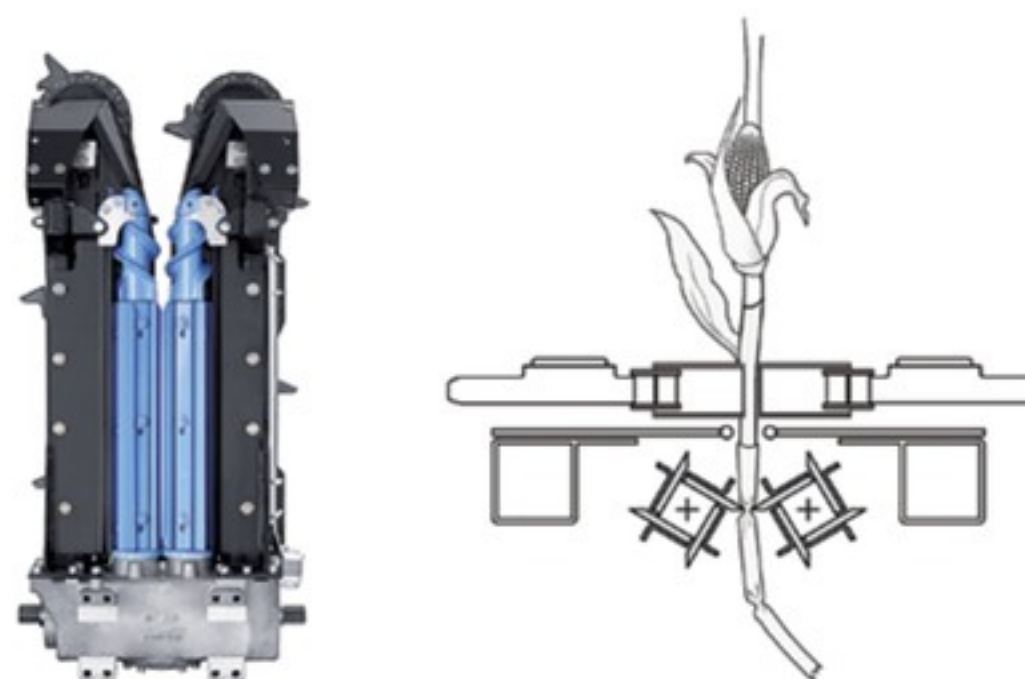
The Geringhoff head adjusts within seconds to fulfill different crop needs. Take the crop divider design for example which requires no tools for adjustment (simply turn a hand wheel). The chain-to-chain distance is also quick-adjustable next to the intake auger variables. The gathering chains tension automatically while the change from corn to sunflower is done with ease. To change the header speed, an optional 2 and 4-speed gearbox can be ordered.

A DEPENDABLE, COMPLETE SOLUTION IN BASE

Geringhoff uses high-quality parts all round. Instead of connecting its row units with a continuous driveshaft, these headers feature row-unit gearboxes connected via Centaflex couplings and Zerol gearing between each gearbox. They take the stress out of the driveline and ensure reliable harvesting. Geringhoff protects its rotors and knives with tungsten carbide steel to reduce wear for durability. The proven design, with its special coating, reduces wear parts costs for the customer dramatically. All Geringhoff corn heads are equipped in base with these specifications.

THE FULL CHOICE OF ROW UNITS

Geringhoff offers one of the widest choices of row units and chopping systems to meet customer needs.



MAIS STAR* CORN HEAD

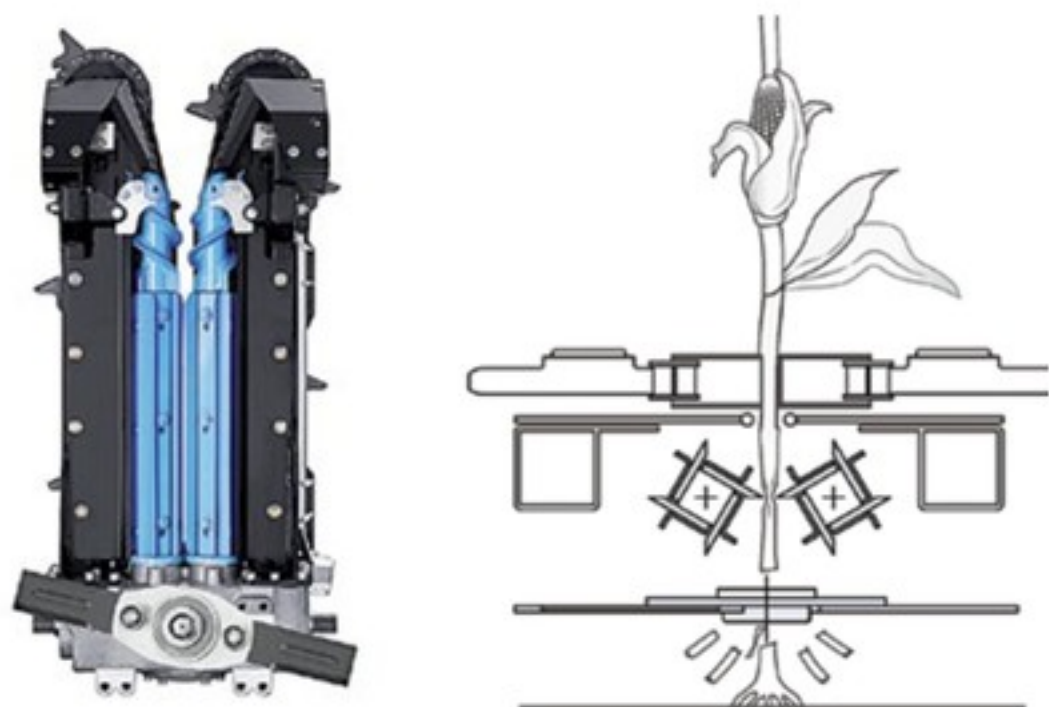
Two-roller system head with stripping knives, leaves long, partially destroyed material on the ground which preserves ground moisture in spring time.



MAIS STAR* COLLECT CORN HEAD

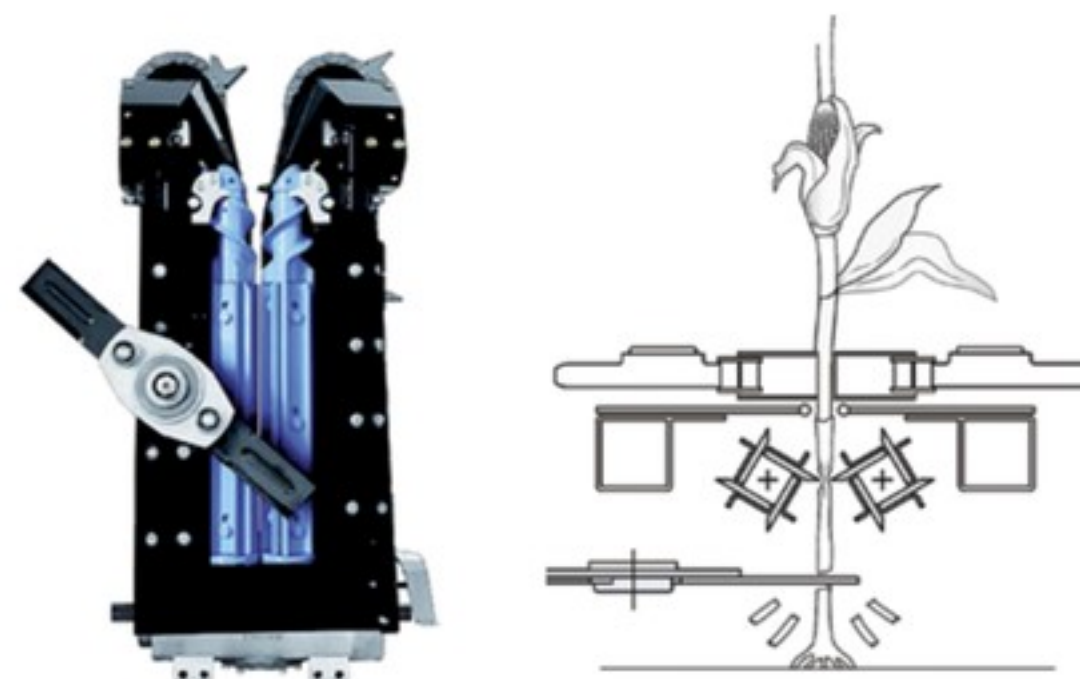
Two-roller system head with stripping knives and horizontal chopper. A conveyor auger moves the chopped biomass material to the centre. It is formed into a swath which can be easily picked up with a baler or forager to use for renewable energy, forage or litter.





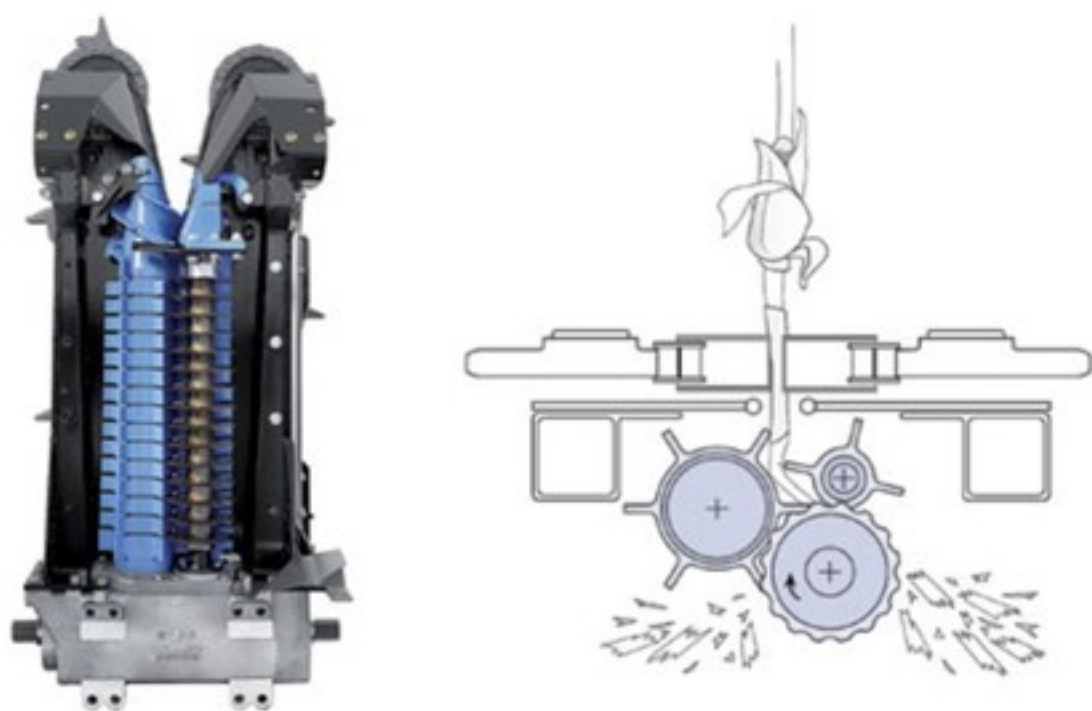
MAIS STAR* SC CORN HEAD

Two-roller system head with stripping knives and horizontal chopper in the middle of the row unit. This entry level model offers good chopping quality and distribution.



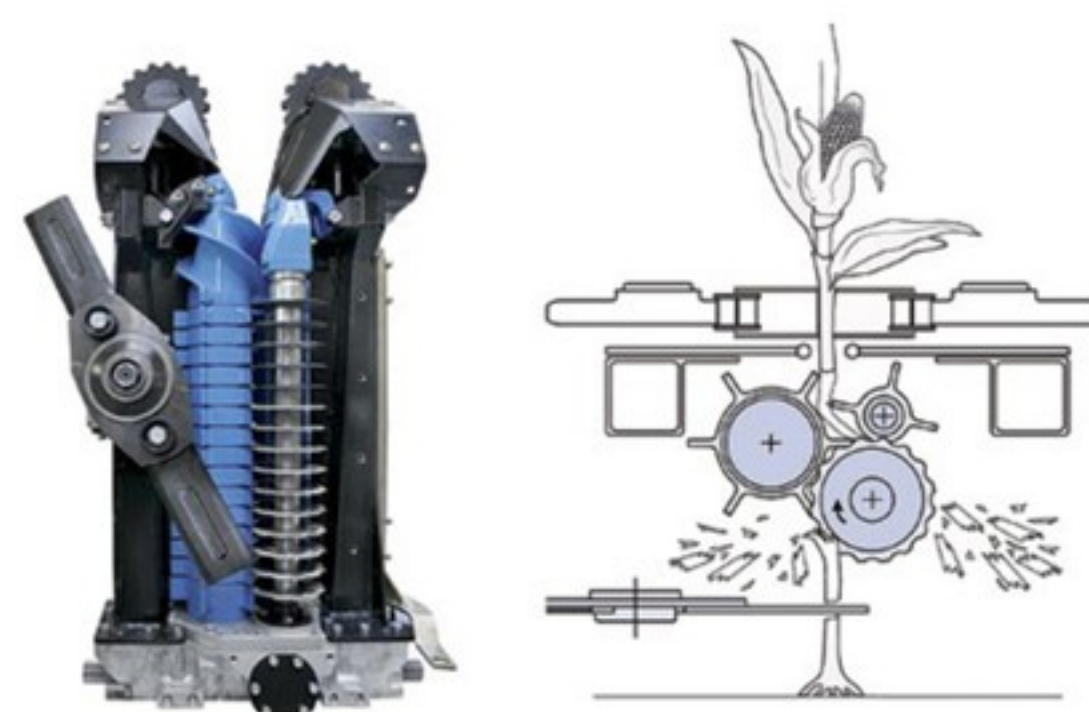
MAIS STAR* HORIZON CORN HEAD

Two-roller system head with stripping knives and horizontal chopper next to the row unit. As it cuts closer to the plant the result is smaller and more even residue pieces.



ROTA DISC® CORN HEAD

Three-roller system head with integrated stalk chopping system. The innovative design picks and cuts at the same time and provides short cut material at low power and fuel consumption levels.



HORIZON STAR* II CORN HEAD

Three-roller system head with integrated stalk chopping system and horizontal chopper. The combination of integrated and horizontal systems delivers the ultimate result in chopping length and distribution on the ground and fulfils the highest expectations.



615P*

BEST CHOICE FOR WINDROWING AND SWATHING

The right header for regions where direct cutting is not possible due to weather conditions or sensitive crops. The dual-belt delivery system, the FieldGlide suspension system and a larger auger with an improved finger pattern for better crop engagement supply superior crop handling.



TWO-BELT DESIGN

The pick-up belt is optimised to pick the crop and transfer it to a second belt which is moving it horizontally and flat under the large feed drum. This means smooth feeding, even of large amounts of material. The belt speed can be adjusted from the cab from 3-150 m/min.



* Not available in UK and Ireland

FASTER HARVESTING

The fieldguide air spring suspension eliminates platform bounce, even at higher speeds, and improves overall pick-up reliability. The pressure can be adjusted from the cab.

WINDSCREEN

Wide, 915 mm opening, enables adjustment to any windrow size. Double acting hydraulic cylinders provide faster reaction and maintain pressure on the windrow for better feeding.

BIG DRUM

The large 660 mm diameter drum can handle high volumes of crop. The 57 mm float range of the auger height adapts easily to high crop volumes – all to constantly feed the combine for maximum performance.



ZÜRN HEADER TRAILER SOLUTIONS

A good trailer is essential to achieve a fast field changeover without damage to combine or header. Fast and easy loading and a design matched with the combine, are the result of the cooperation between Zürn and John Deere.

ALL TRAILERS OFFER:

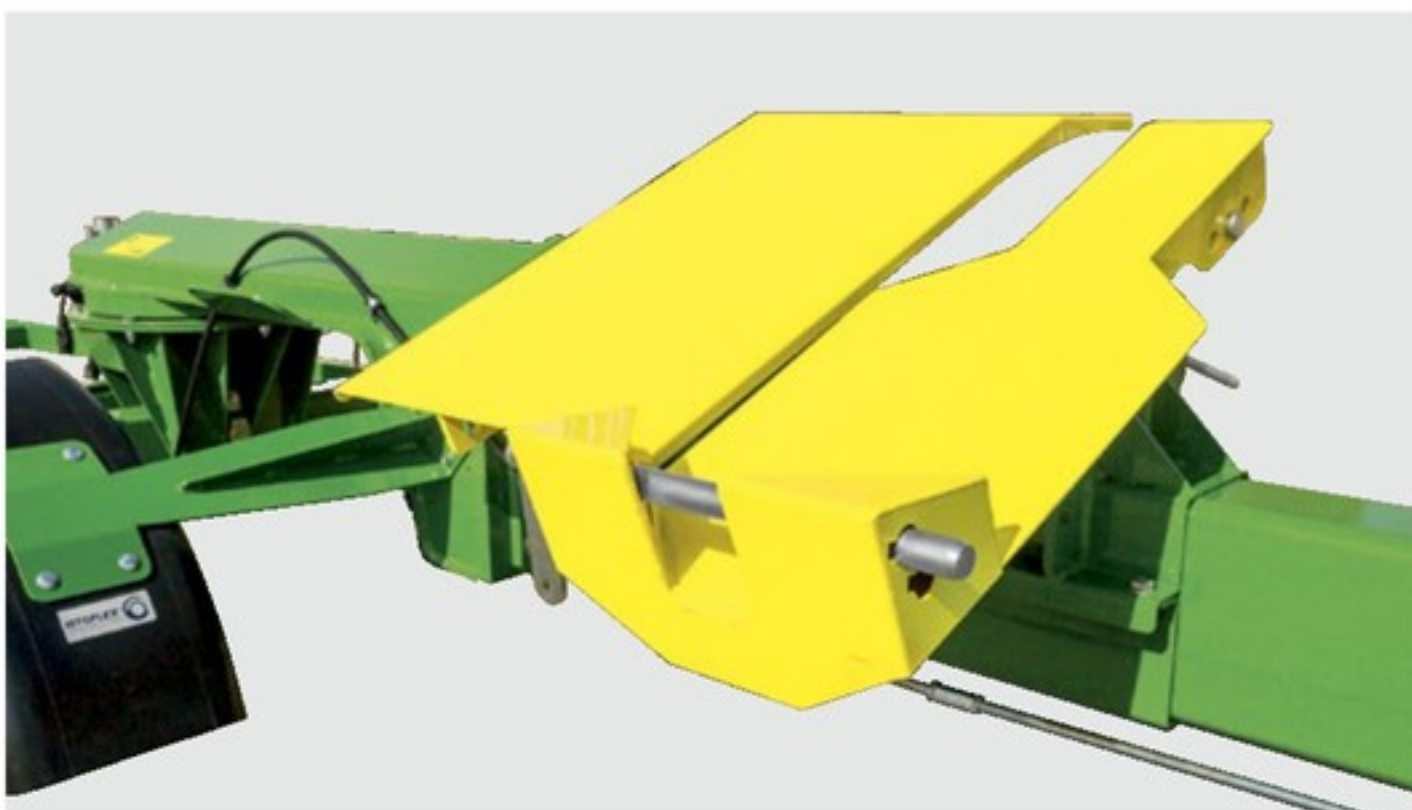
- German or French homologation papers ex-factory
- Transport box or brackets for rape knives and/or crop lifters (as option)
- 40 km/h with wheel fenders and 4 wheel braking (as option)
- Tyre dimensions matching header weight for reliable and smooth ride
- Header can be loaded with rape or sunflower extension attached or rape side-knife mounted
- Brake options as required by law without brakes, with 2-wheel or 4-wheel inertia braking.

HEADER SUPPORT BRACKETS

- Amount depending on header size to protect the header even on tough road conditions and avoid any damage to the header
- Positioned to protect the header height sensors
- Large over dimensioned supports for easy loading. Quick adjustable angle and large surfaces for easy loading on uneven ground
- Support brackets available for R, D, PF, X, F, FD and Geringhoff corn or sunflower headers

HEADER LOCK:

- V-Lock mechanism for R / PF headers
- V-Lock II mechanism for X headers: During unloading the header will always glide into the fixation and centre itself so the lock-pin can be fitted quickly and safely even if the combine is not precisely positioned in a 90 degree angle to the header trailer or located on uneven terrain



SINGLE AXLE TRAILERS

- Hand brake option for single axles trailers
- 40 km/h option



ALL-WHEEL-STEERED TRAILERS

- All-wheel-steered header trailers follow the towing vehicle in consistent alignment
- Choice of turntable steering (X2) or knuckle steering (X6)
- Central loading between the axles: Low centre of gravity, even weight distribution and a stable ride
- Mechanical steering: All wheels are always 100% aligned



TANDEM TRAILERS

- A low frame height enables combines with small tyres or tracks to load the trailer safely
- Optional version with extra high ground clearance for hilly terrain (in combination with Hillmaster combines)



X6: 4-WHEEL KNUCKLE STEERING

- No damage to header or combine even in tight curves as axles are not moving back and forth
- Knuckle steering allows a 70 degree steering angle for tight turns
- Robust double frame for rough roads is flexible and can follow ground contours
- Extra low loading height for both wheeled and tracked combines even with large rear wheels and no Hillmaster
- Compatible with all header types and combines



TWO AXLE TRAILERS

- A large tread width at the front axle and a reliable large-sized turntable offer great stability on rutted ground
- Turntable steering enables large steering angles, especially helpful for tight turns or tight entry points on the field or in the yard
- Pendulum axle relieves stress from the centre frame
- Large wheelbase prevents collision and damage to the feeder house during loading or unloading of the header
- Different length available to match overall length in combination with the combine



X2: 4-WHEEL TURNTABLE STEERING

- 2-axle turntable-steering allows 45 degree steering angle for driving on narrow roads and around tight corners
- Low loading height for all wheeled combines
- Suits R and PF headers in combination with wheeled level-land or Hillmaster combines
- Suits X headers in combination with Hillmaster combines

HEADER SIZE	1-AXLE HEADER TRAILER	TANDEM HEADER TRAILER	2-AXLE HEADER TRAILER	2-AXLE-HEADER TRAILER WITH 4-WHEEL STEERING
18 ft / 5.50 m	•			
20 ft / 6.10 m	•			
22 ft / 6.70 m	•	•		
25 ft / 7.60 m	•	•	•	
30 ft / 9.15 m			•	•
30 ft / 10.70 m			•	•
40 ft / 12.20 m				•

SPECIFICATION

600R SERIES		616R	618R	620R	622R	625R	630R	635R
+ Heterogeneous small grain + Long straw varieties (e.g. rye) + Short crop capability + Laying crops + (+++ with rape extension) Rapeseed + Changeover	Cutting width, m	4.90	5.50	6.10	6.70	7.60	9.15	10.70
	Auger Ø, mm	660						
	Table length (auger skin to knife tip), mm	400 to 570 (manually adjustable)						
	Cutterbar rate, strokes/min	1,144						
	Cutterbar stroke, mm	89						
	Top beam deflector sheet on the rear wall	Optional						
	Crop Divider Options	Fixed (short), foldable (short or long), divider extension						
	Rape extension	Optional (by Zuern Harvesting)						
	Spare knife options	Fine teeth						
	Automatic Height Control sensors base / optional	2	2	2	2	2	2 / 3	3
	Weight, kg	1,650	1,820	2,000	2,110	2,600	2,900	3,400
	Recommended Trailer	SWW100	SWW200	SWW250	SWW350	SWW500	SWW550	SWW-X2
	Trailer Option				SWW450	SWW450	SWW-X2	SWW550

600F SERIES		620F	622F	625F	630F	635F
+ Heterogeneous small grain + Long straw varieties (e.g. rye) +++ Short crop capability ++ Laying crops + (+++ with rape extension) Rapeseed + Changeover	Cutting width, m	6.10	6.70	7.60	9.15	10.70
	Float Range, mm	152.4				
	Auger Ø, mm	660				
	Lowest cutting height, mm	38				
	Cutting height with optional skip shoes, mm	63				
	Table length (auger skin to knives tip), mm	400				
	Cutterbar, cuts/min	1,024				
	Header height sensor for small grain	Optional				
	Rape extension	Optional for small stone dam (by Zuern Harvesting)				
	Composite auger fingers	Optional				
	Stone dam	Short 23 mm in base / High 57 mm optional				
	Knife options	Fine, coarse or long/short coarse knife sections				
	Spare knife options	Fine, coarse or long/short coarse knife for high residue				
	Weight, kg	1,800	1,900	2,100	2,559	3,000
	Recommended Trailer	SWW350	SWW350	SWW500	SWW550	SWW-X2
	Trailer Option (* Not available in Germany)			SWW350		SWW550*

600PF/700PF SERIES		618 PF	620 PF	722 PF	725 PF	730 PF	735 PF	740 PF	
+++ Heterogeneous small grain +++ Long straw varieties (e.g. rye) ++ Short crop capability (e.g. beans) +++ Laying crops ++ Rapeseed +++ Changeover	Cutting width, m	5.50	6.10	6.70	7.60	9.15	10.70	12.20	
	Two-Piece Reel							Base	
	Two-Piece Auger						Base	Base	
	Dual Knife Drive						Base	Base	
	Auger Ø, mm	660	660	760	760	760	760	760	
	Number of belts	4	4	5	5	6	7	8	
	Length of belts, mm	550	550	500	500	500	500	500	
	Table length (auger skin to knives tip), mm	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
	Belt drive	Mechanical			Infinite hydraulic belt speed adjustment				
	Rapeseed configuration	Two mechanical driven side knives, counter acting, 135 cm length, in base							
	Cutterbar rate, strokes/min	1,144							
	Cutterbar stroke, mm	89							
	Top beam deflector sheet on the rear wall	Base							
	Crop Dividers	Short foldable in base							
	Spare knife	Fine teeth in base							
	Reel Tines	Spring tines			Composite tines				
	Automatic Height Control sensors	2	2	3	3	4	4	4	
	Weight, kg	2,460	2,620	2,920	3,140	3,640	4,290	4,780	
	Recommended Trailer	SWW250	SWW250	SWW350	SWW500	SWW550	SWW-X2	SWW-X6	
	Trailer Option			SWW450	SWW450	SWW-X2	SWW-X6		

600X SERIES		622X	625X	630X	635X	640X
++ Heterogeneous small grain +++ Long straw varieties (e.g. rye) + Short crop capability + Laying crops +++ Rapeseed +++ Changeover	Cutting width, m	6.70	7.60	9.15	10.70	12.20
	Two-Piece Reel					Base
	Two-Piece Auger				Base	Base
	Dual Knife Drive				Base	Base
	Auger Ø, mm	660				
	Table length (auger skin to knife tip), mm	400-1,200				
	Cutterbar rate, strokes/min	1,144				
	Cutterbar stroke, mm	89				
	Rapeseed configuration	0),2 mech. knives optional, counter acting, 135 cm length				
	Composite Reel Tines	Option				
	Top beam deflector sheet on the rear wall	Option				
	Crop Divider Options	Fixed (short), foldable (short or long), divider extension				
	Automatic Height Control sensors	4	4	6	6	6
	Weight, kg	2,650	2,900	3,360	4,090	4,450
	Recommended Trailer	SWW350	SWW500	SWW550XN	SWW-X6	SWW-X6
	Trailer Option (* Not available in Germany)	SWW450/500	SWW350/450	SWW550*		

600P SERIES		615P	
+++ Harvesting swath crops	Picking width, m	4.55	
	Transport width, mm	5,438	
	Belts speed, m/min	3 to 150	
	Number of belts per pickup	4 picking, 4 transfer	
	Auger Ø, mm	662	
	Auger float range, mm	57	
	Weight, kg	1,520	

SPECIFICATION

700D SERIES		725D	730D	735D	740D
+++ Heterogeneous small grain +++ Long straw varieties (e.g. rye) ++ Short crop capability +++ Laying crops ++ Rapeseed + Changeover	Cutting width, m	7.60	9.15	10.70	12.20
	Dual Knife Drive	Optional	Base	Base	Base
	Two-Piece Reel				Base
	Draper Speed, m/min	0 to 223			
	Cutterbar, cuts/min	2,080			
	Draper belt width, mm	1,016	1,016	1,016	1,016
	Feed drum Ø, mm	406 base / 355 option for rapeseed			
	Feed drum speed, rpm	195			
	Slip clutch in main gearbox, Nm	1,650			
	Top crop conveying auger, 457 mm diameter	Optional			
	Header height sensor	Optional			
	Rapeseed side knife	Optional			
	Rapeseed sealing kit	Optional			
	Composite auger fingers	Base			
	Reel flip over system for tall crops	Optional			
	Knife option	Fine knife sections			
	Spare knife option	Fine			
	Dual gauge wheels		Optional	Optional	Optional
	Integrated road transport system		Optional	Optional	Optional
	Weight, kg	2,900	3,100	3,500	4,000
	Recommended Trailer	SWW550	SWW-X6	SWW-X6	SWW-X6
	Trailer Option (* Not available in Germany)		SWW550*	SWW550*	

600FD SERIES		630FD	635FD	640FD	645FD
+++ Heterogeneous small grain +++ Long straw varieties (e.g. rye) +++ Short crop capability +++ Laying crops + Rapeseed + Changeover	Cutting width, m	9.15	10.70	12.20	13.70
	Dual Knife Drive	Optional		Base	
	Two-Piece Reel			Base	Base
	Draper Speed, m/min	22 to 228			
	Cutterbar, cuts/min	2,080			
	Draper belt width, mm	1,016			
	Feed drum Ø, mm	414			
	Feed drum speed, rpm	234			
	Slip clutch in main gearbox, Nm	1,650			
	Top crop conveying auger, 304mm diameter	Optional			
	Header height sensor	Optional			
	Rapeseed side knife	Optional			
	Rapeseed sealing kit	Not available			
	Composite auger fingers	Base			
	Reel flip over system for tall crops	Optional			
	Knife options	Fine or long/short coarse knife sections			
	Spare knife options	Fine, coarse or long/short coarse knife for high residue			
	Weight, kg	3,206	3,350	3,650	4,264
	Recommended Trailer	SWW-X6	SWW-X6	SWW-X6	SWW-X6
	Trailer Option (* Not available in Germany)	SWW550	SWW550*		

GERINGHOFF CORN HEADERS	AMOUNT OF ROWS	4			6			8			12			16		
Row width, cm		70	75	80	70	75	80	70	75	80	70	75	80	70	75	80
Horizontal chopper		Mais Star SC, Mais Star Horizon, Horizon Star II														
Vertical chopper		Rota Disc, Horizon Star II														
Working width, m		2.8	3	3.2	4.2	4.5	4.8	5.6	6	6.4	8.4	9	9.6	11.2	12	12.8
Transport width rigid, m		3.2			4.4	4.65	4.9	5.8	6.15	6.5	8.6	9.15	9.7	11.4	12.15	12.9
Transport width foldable, m					3.3			3.3			4.75			6.35		
Automatic height control sensors (option) recommended for big width		2						2 / 3			3					
Compatability to John Deere SPFH (please contact your dealer)					x	x	x	x	x	x	x	x	x	-	-	-
Weight (depending on options), kg		1,270-1,520			1,980-2,450			2,660-3,400			4,000-4,500			5,500-6,200		
Base Equipment: Clutch to disconnect horizontal chopper (only Mais Star Horizon), stubble breaker (on Rota Disc not necessary due to more intense chopping effect), hydraulic deck plate adjustment, cab monitor for deckplate adjustment and rpm monitoring, exchangeable mounting frame for different combine brands																
Options: AutoTrac Row Sense, down crop auger right hand side or left and right hand side, 2 or 4-speed gearbox, active or passive sunflower kit (with or without rotational knife), additional stubble breaker recommended for dual wheels or wide single tyres, grain saver shields on row units, increased rear and side wall height, rear splash guard																
Suitable header trailers are available																

TRAILER TYPE	SWW100	SWW200	SWW300	SWW400	SWW500	SWW-X2	SWW-X6
Header size, ft	16	18-20	22-25	22-25	22-35	25-35	30-45
Header size, m	4.90	5.50-6.10	6.70-7.60	6.70-7.60	6.70-9.15	7.60-9.15	9.15-13.7
Number of supports *	2	2	3-4	3-4	3-5	3-5	3-5
VarioSupport	Option	Option	Option	Option	Option		
Number of Axles	1	1	1	Tandem	2	2	2
Steering					1-axle turntable	2-axle turntable	4-wheel knuckle
Tyres	15.3*	15.3*	15.3*	12* (15.3* optional)	12* (front), 15.3* (rear)	15.3*	15.3*
Handbrake	Option	Option	Option	Option	Base	Base	Base
Overrun brake		Option	Option	Option	Base	Base	Base
Type approval (km/h) **	25	25/40	25/40	25/40	25/40	25	40
Max permissible weight (unbraked) (kg)	3,200	3,200	3,200	3,200			
Max permissible weight (braked) (kg)		4,300	4,300	4,300	5,650	6,000	8,000
Options	Transport box, storage brackets for cop dividers and side knives, rotating beacon						

* Depending on header type and size

** Availability of 40 km/h is dependent on the maximum speed allowed in different markets

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When you invest in a John Deere header you don't just get high performance harvesting. You also get a support network that's geared up to keep you harvesting.

During the season you'll find our John Deere dealers are open late when you need them. They also hold an extensive stock of seasonal parts and, if the parts you need aren't available off-the-shelf, they can get them to you quickly. Our European supply network holds more than 375,000 parts from a combine auger to a set of shims, all ready for next day delivery.

When the season's over they don't stop working either. Offering a comprehensive 143 point combine winter inspection they'll make sure your combine is as good as the day it left the factory, so when it's harvest time again, you're good to go.



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