Front attachments

JAGUAR front attachments

ORBIS PICK UP DIRECT DISC
Adapter for ROVIO

At work all over the world.

Built to meet every challenge.

In use all over the world, our line-up of versatile front attachments allows CLAAS JAGUAR machines to harvest an extremely wide range of crops. The high operating reliability of these rugged front attachments reflects the continuous development effort which focuses in particular on enhancing work quality, wear resistance and performance.

ORBIS 900 / 750 / 600 / 600 SD / 450.

- Maize front attachments with working widths from 4.5 m to 9.0 m
- Transport width of 3 m for all ORBIS models
- Automatic transport protection for ORBIS 900 / 750 / 600 / 600 SD
- Maximum folding time: 25 seconds
- AUTO CONTOUR for automatic ground contour adaptation
- AUTO PILOT row sensor for automatic steering

PICK UP 380 / 300.

- High-performance pick-up reel with four or five rows of tines for efficient grass intake
- Robust roller crop press with large intake auger for high throughput
- ACTIVE CONTOUR for automatic ground adaptation
- Independent drive for intake auger and pick-up reel with automatic speed adjustment in accordance with ground speed and length of cut preselection

DIRECT DISC 600 / 500 and 600 P / 500 P.

- MAX CUT mower bed for highly efficient cutting
- Roller crop press for extremely even transfer of crop flow
- Very large intake auger for high throughput
- Paddle roller for optimal crop flow in short crops

Robust adapter.

- Fast and convenient connection of combine harvester front attachments, such as maize pickers for harvesting maize cob silage
- Integrated feed roller for even crop flow
- Drive connection to JAGUAR made via quick-release coupler

NEW

JAGUAR front attachments.

ORBIS 900.
With a working width of 9 m, it is the largest model in the series.
Page 8

DIRECT DISC
for an even crop feed, with roller crop press.
Page 38

NEW

NEW: PICK UP.
With wide dust net for clean operation and intake auger with a more even crop feeding action.
Page 32

Automatic transport protection.
Transport width of 3 m for all ORBIS models.
Page 16

Fast folding and unfolding. Ready for field work or road travel in a maximum of 30 seconds without leaving the cab.
Page 16

Adapter for attaching combine harvester maize pickers to the JAGUAR.
Page 42

High throughput down to the last centimetre.

The combination of the very flat design and the mounting angle which can be adjusted to two different positions allows the ORBIS maize front attachment to attain stubble heights as low as 80 mm. Even large crop volumes can be handled by the large discs immediately in front of the feeder unit.

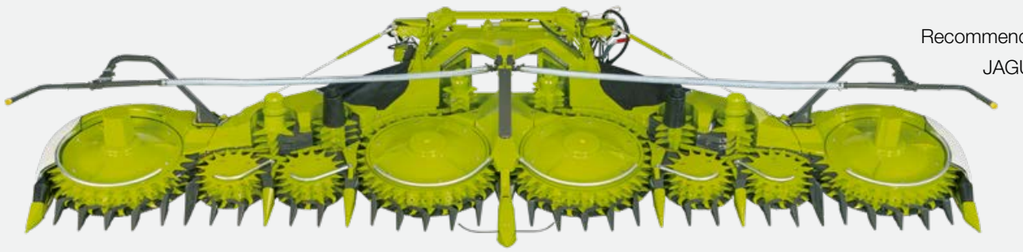
Adapts to the ground.
A tilting frame with +/- 5° of lateral compensation allows the ORBIS to adjust to different ground contours.
NEW: You can equip the ORBIS 900 with a third, central AUTO CONTOUR sensor.

Highly versatile.
You can harvest maize, whole crops and many other crop types thanks to the small and large three-stage transport discs of the ORBIS 900.

Narrow on the road.
The transport width of only 3 m is very manageable and makes for safe road travel.

ORBIS maize front attachments.

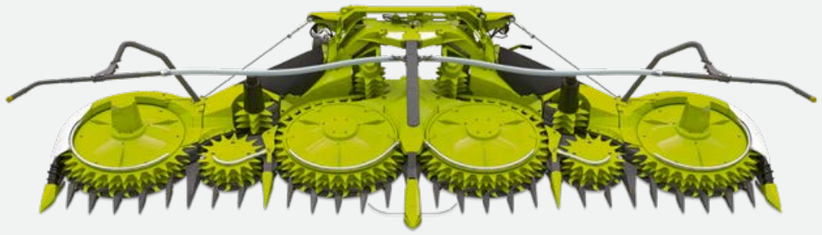
ORBIS 900.
- The largest maize front attachment
- Working width 9 m
- Transport width 3 m
- Available with automatic transport protection



Recommended for these JAGUAR models:

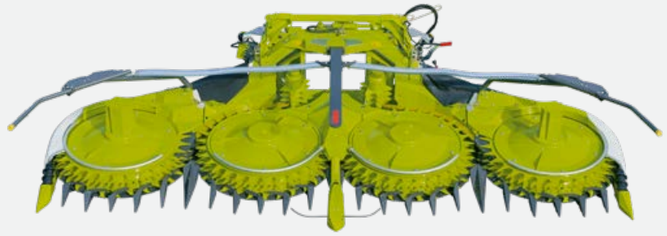
990
980
970
960

ORBIS 750.
- The all-rounder
- Working width 7.5 m
- Transport width 3 m
- Available with automatic transport protection



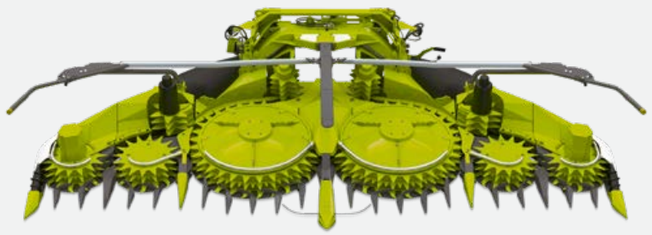
970
960
950
880*
870

ORBIS 600.
- With its working width of 6 m and 4 equal-sized discs, it is particularly well suited to work in medium height and very tall maize crops
- Transport width 3 m
- Available with automatic transport protection



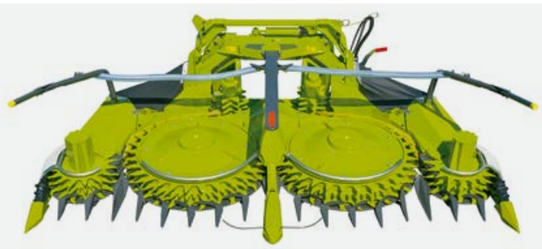
950
940
930
870
860
850

ORBIS 600 SD.
- For use in medium height to very short maize crops
- Working width 6 m
- Transport width 3 m
- Available with automatic transport protection



950
940
930
870
860
850

ORBIS 450.
- Suitable for use with forage harvesters with low engine output and where the area to be harvested is limited
- Working width 4.5 m
- Transport width 3 m
- Available with or without tilting frame



930
840
830**

*880 only for selected markets.
**830 only for countries without an emission standard.

Powerful bite. ORBIS 900 to 450.

The row-independent maize front attachments are characterised by impressive performance and reliability. Developed on the basis of experience gained in practical use around the world, the versatile ORBIS units are able to meet almost every imaginable user requirement.

Advantages for you:
- Automatic transport protection for ORBIS 900 / 750 / 600 / 600 SD
- Very flat design for stubble heights as low as 80 mm and uniform stubble
- Symmetrical folding and unfolding in a maximum of 25 s
- Efficient drive system with starting torque 29% lower than comparable models
- Start and reverse under full load
- Straight-line crop transfer from ORBIS to JAGUAR and even crop flow across the entire width of the feed roller housing for top-quality chopped material
- ORBIS 600 SD with small discs for very short to medium height maize
- ORBIS 600 with four large discs for medium to very tall maize
- All ORBIS models with a transport width of only 3 m
- Integrated transport system available with ORBIS 600 / 600 SD and higher
- PREMIUM LINE ex factory option

A commanding view.

Safe on the road.

In view of the transport width of only 3 m, it is possible to drive on the road with the ORBIS 900 without special authorisation. The compact design of this maize front attachment allows good visibility to the front and to the sides.

Ready for road travel or work in seconds.
During folding/unfolding, the fully integrated transport protection with warning stickers and lighting automatically pivots into the appropriate position for road travel or field work. The folding process takes a maximum of 30 seconds. It is not necessary for the operator to get down from the cab.

Qualities that make all the difference.

Effortlessly efficient.

The entire ORBIS unit is driven extremely efficiently via the quick-release coupler and a small number of transmission elements. The starting torque is 11% lower than that of comparable models.

Drive.

It is possible to start and reverse under full load.

Drive speed adjustment.

- 2-speed input gearbox for the entire front attachment
- Three speeds for the intake drums
- Variable front attachment drive possible with JAGUAR 900

Efficient cutting.

Knives with a saw-tooth profile deliver a perfect cutting action, even at high harvesting speeds or when operating in thick-stemmed crops with weed growth.

High-quality chopped material.

The precision with which the crop is transferred to the JAGUAR causes it to be fed evenly across the entire width of the feeder housing.

Fast rotting.

Toothed scrapers positioned under the cutting discs split the maize stubble. This results in fast rotting and reduced tyre wear.

Automatic transport protection.

Ready for action in 30 seconds without the operator leaving the cab. Fast folding kinematics and automatic transport protection save time.

Operator assistants.

- Automatic ground contour adaptation with AUTO CONTOUR or CONTOUR
- Automatic steering with AUTO PILOT
- Front attachment detection function applies basic settings automatically when front attachment is changed

Easy fitting and removal.

Central locking and flat face hydraulic couplings make fitting and removal easier.

Low-maintenance.

- Easily accessible maintenance points
- First maintenance after 500 operating hours
- Subsequent maintenance every 2,500 operating hours

Fast folding
for safe road travel.

Fast transfers from field to field with no need to get down from the cab.

The symmetrical folding process allows you to deploy the large ORBIS 900 and 750 maize front attachments from their transport width of 3 m to their full working width in up to 30 seconds. In the case of the ORBIS 600 / 600 SD and 450 models, only the side units need to be folded for transport, a process which is completed within 10 seconds.

Automatic transport protection for the ORBIS 900 / 750 / 600 / 600 SD models does away with the need for the operator to get down from the cab. The machine can drive straight from the road into the field.

When the machine is moving at 2 km/h up to 7 km/h, the operator only has to press the "fold front attachment" switch once and the whole process is performed entirely automatically: the front attachment folds, the transport chassis moves into position and the transport protection, which features integrated lighting and is carried on the machine at all times, is deployed simultaneously. Easily visible and with an external width of only 3 m, your machine can now travel safely from field to field.

One switch for the entire folding process.

Fast unfolding from transport to working position and vice versa.

Automatic transport protection.

Saving you time.

Compared with standard transport protection comprising:
- front safety bar
- side protection, left
- side protection, right
- safety bars for guide fingers

the automatic transport protection can easily save you 5 minutes on every folding operation.

Advantages for you:
- Saving of 5 minutes when moving from field to field, particularly worthwhile in smaller-scale settings with frequent field changes in the course of a single day
- No need for operator to get down from cab
- Convenient, legally compliant road transport

Compact deployment with an unrestricted view of the ORBIS during harvesting. Transport protection remains stowed securely on the machine.

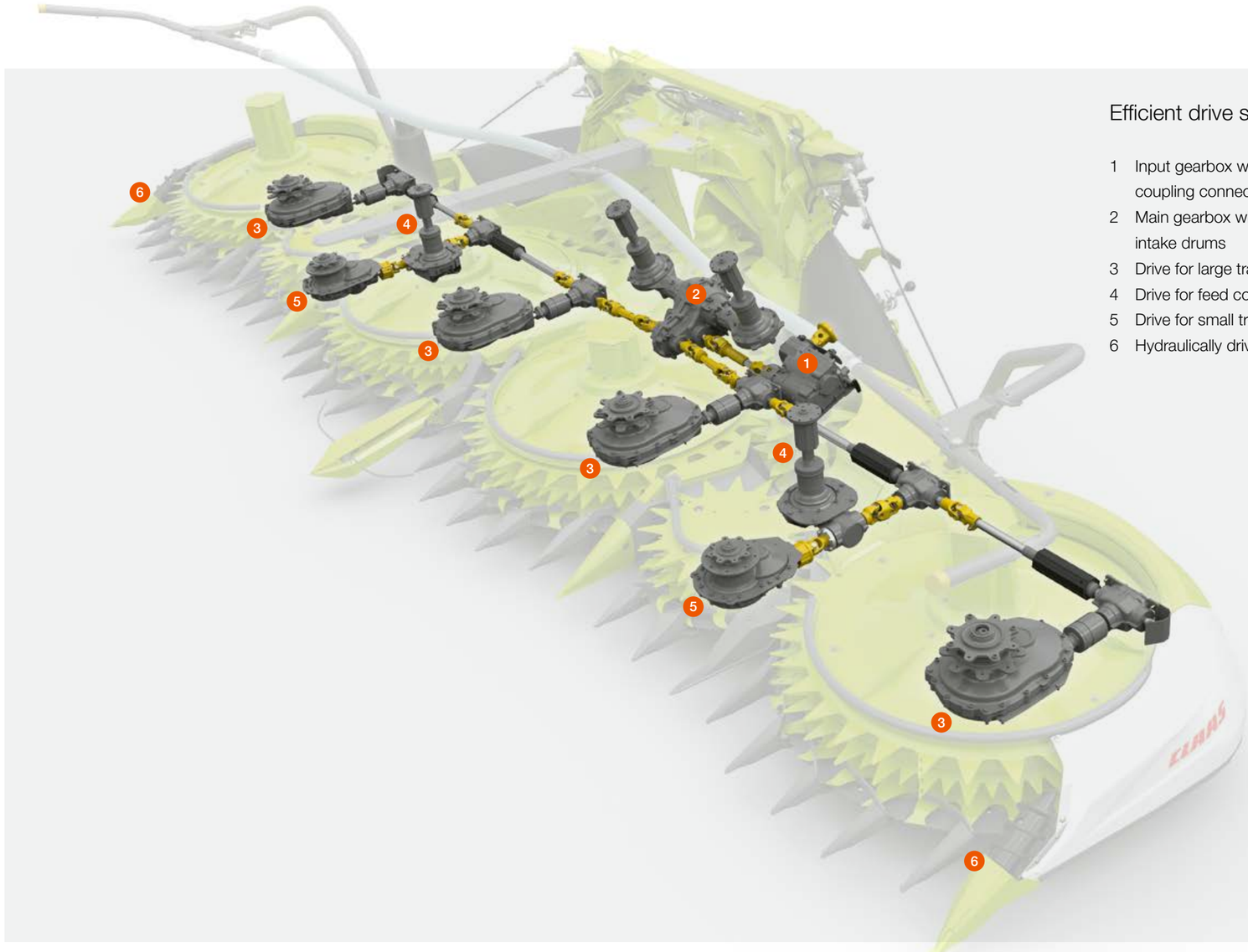
High level of driving comfort with transport system deployed and oscillation damping active.

Side and front protection clearly visible with warning stickers. The LED lighting is fully integrated.

Save energy and fuel.

Energy-saving drive.

The efficient drive system offers you a huge amount of power for remarkably little fuel. The JAGUAR transmits its power to the maize front attachment mechanically, the energy requirement of the latter being extremely low. This is because the ORBIS needs only a few transmission elements and has impressively low starting torque. Thanks to these characteristics, the front attachment can also be started and reversed at full load. The transmission and drive components are designed for high throughput. Perfect matching of the drive speed to the set length of cut ensures an optimal crop feed into the JAGUAR.



Efficient drive system.

1 Input gearbox with two speed settings and quick coupling connection to forage harvester
2 Main gearbox with three speed ranges for the intake drums
3 Drive for large transport discs with knives
4 Drive for feed cones
5 Drive for small transport discs with knives
6 Hydraulically driven laid maize augers (option)

Power transmission via quick-release coupler.

Three-stage speed adjustment of intake drums for optimal crop flow.

If required, the laid maize augers are driven hydraulically.

Sharp cutting and reliable crop transport.

Operating reliability.

The ORBIS uses a combination of small and large discs to deliver an extremely high crop flow. The ORBIS handles maize crops of up to 100 t/ha (typical of US or Italian harvesting conditions) perfectly.

When the machine is reversed, the plants which have already been cut remain on the large discs and are then drawn in again. The low starting torque of the ORBIS means that it can be restarted at full load or in the upper rated speed range at any time.

Very flat design for low stubble.

Plants are transported reliably through the crop flow channels.

Robust guide fingers and dischargers under the cutting disc for problem-free operation.

Three-tier structure.

However difficult the harvesting conditions may be, the three-tier structure of the ORBIS transport discs ensures an even crop flow every time.

Advantages for you:

- The synchronised rotation of the cutting and transport discs enables a consistent and gentle crop transfer
- The short distance between the cutting discs and the transport discs ensures that the ORBIS always leaves behind stubble with a uniform height
- Sturdy tubular bars catch falling cobs and so keep losses to a minimum
- The blades are always sharp, thanks to the self-sharpening effect
- Stubble is cut short - down to 80 mm - and clean with frayed ends for fast rotting

CLAAS AUTO PILOT.

As two sensor skids each gauge a row of maize, the sensor signals are translated into steering impulses. Twin-row sensing supports automatic steering of the JAGUAR up to a speed of 12 km/h and with row widths of 37.5 cm to 80 cm.

Advantages for you:

- Maximum reduction in operator workload
- Increased area output
- Reliable row guidance, even where there are gaps in the crop
- Maintenance-free and low-wear technology

Excels in all types of terrain.

Optimal ground contour adaptation.

- Very robust tilting frame with +/- 5° lateral compensation
- Lateral compensation - mechanical with centring damper or hydraulic with AUTO CONTOUR
- AUTO CONTOUR centre sensor (ORBIS 900 only) ensures consistent ground adaptation and prevents the ORBIS from grounding in the middle
- Possible for cutting angle to be adjusted forward by 6° for aggressive crop pick-up, e.g. in laid maize
- Skids can be adjusted to define the stubble height to be maintained by automatic ground pressure control
- Press-hardened and rounded underbody structure reduces wear and dirt adhesion

Precise ground contour adaptation.

The characteristics of the terrain cease to matter when harvesting maize with the ORBIS. Precise ground contour adaptation is ensured by the tilting frame in combination with the enhanced CONTOUR / AUTO CONTOUR control system. With the skids in full contact with the ground and depending on the target value setting in CEBIS, the AUTO CONTOUR control system automatically switches over to float position. In this way, reliable lateral compensation is ensured along with ground pressure control.

Skids with two height settings.

AUTO CONTOUR centre sensor, available for ORBIS 900.

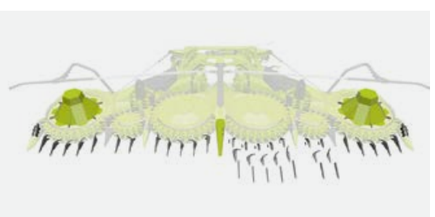
Reliable ground adaption across the entire width of the front attachment.

ORBIS.
Highly versatile.

From laid maize to diverse crops – the ORBIS harvests everything.

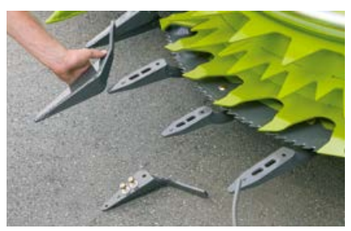
Various attachments and add-ons are available to allow you to optimise your ORBIS for any application.

- Additional laid maize cones make for improved crop flow in laid crops or other difficult harvesting conditions.
- The optional long centre point improves the crop flow in laid crops.
- The bolt-on guide fingers optimise crop uptake in a variety of harvesting conditions.
- Optional round bar steel guide elements and optional tip extensions provide enhanced performance in extreme laid crop conditions.



Laid maize cones, guide elements and tip extensions available as additional equipment.

Efficient crop separation with narrow centre finger for crops with narrow stems.



Removable guide fingers improve lifting of laid maize.

Harvesting miscanthus.

Harvesting silphium perfoliatum.

Harvesting igniscum.

Harvesting whole crop silage, uniform stubble.

Reliable take-up of laid maize.

Harvesting sudan grass.

Hydraulically driven laid maize point.

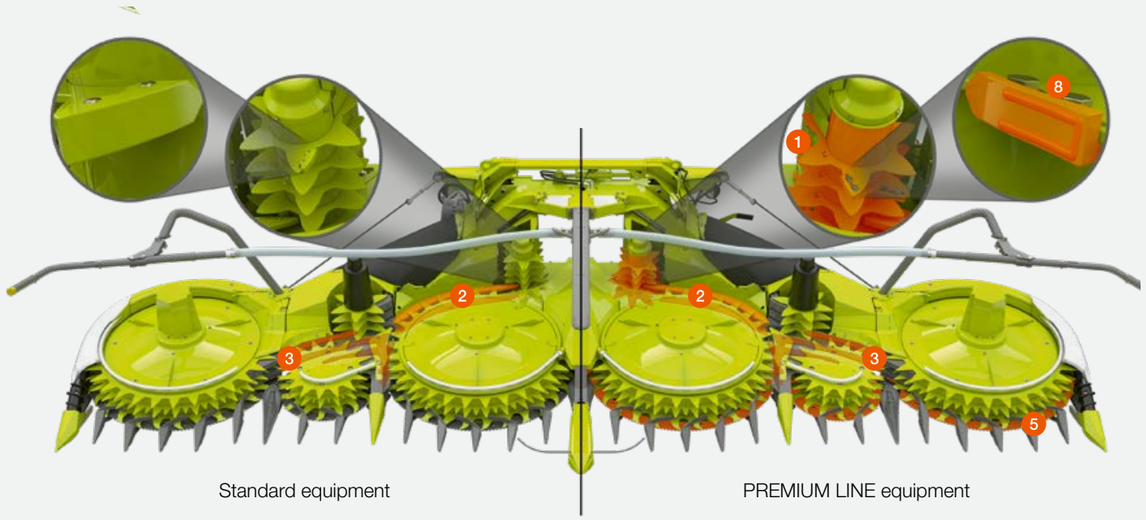
The large laid maize cone optimises the crop flow and prevents crop material from remaining on the transport disc.

Removal of cob retainers increases crop flow performance.

Hardly any wear. Low maintenance. High reliability.

PREMIUM LINE protection against wear.

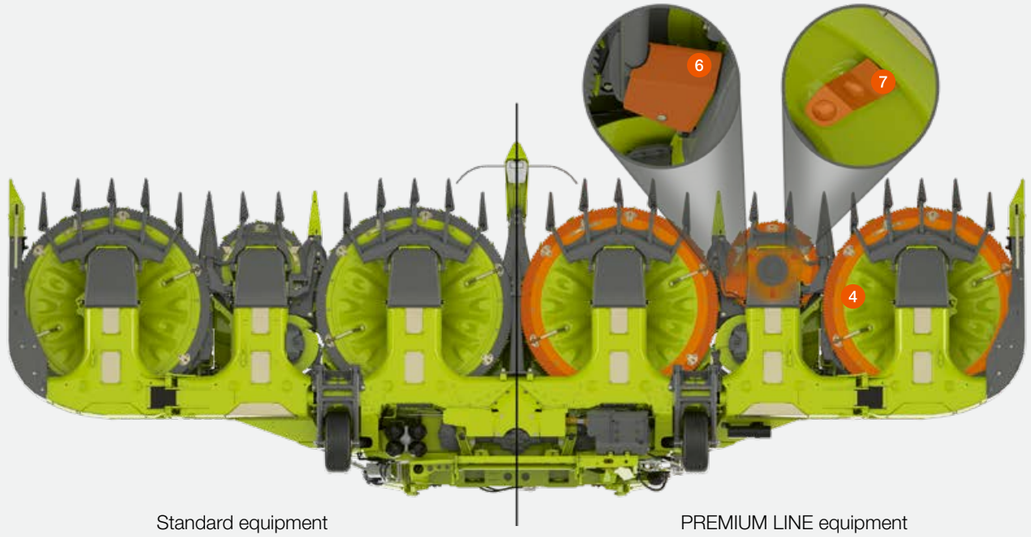
1. A special wear coating gives intake drums low wear characteristics
2. Interior guide strips made of steel (standard equipment)
3. Exterior guide strips made of steel (standard equipment)
5. Knives with wear coating
8. Deposition-welded scraper



Standard equipment

PREMIUM LINE equipment

4. Wear elements to protect the large cutting disc
6. Cover for deflector mounting
7. Scraper for small discs



Standard equipment

PREMIUM LINE equipment

PREMIUM LINE for ORBIS.

Highly wear-resistant parts are recommended for extreme operating conditions, in the event of a high proportion of sand, for example, or extended periods of operation.

High operational reliability.

It is often the case that every minute counts during the harvesting period. Time-consuming maintenance work is a nuisance and also a cost factor as it reduces the number of productive hours – along with your profit margin.

The ORBIS has wear-resistant parts for high operational reliability:

- The knives have a tungsten carbide coating for a long service life
- The speed difference between the cutting disc and the transport disc creates a self-sharpening action
- The cutting discs and transport discs have a modular structure comprising six segments and are easily accessible; as a result, in the event of damage, only the segment concerned needs to be replaced, rather than the entire unit

Extremely maintenance-friendly design.

CLAAS engineers have made every effort to keep maintenance requirements to a minimum.

- Lubrication is only required every 250 operating hours
- All lubrication points are easily accessible
- All gearboxes/transmission units only require an oil change after 500 operating hours
- All wear parts can be replaced quickly and easily

Dipstick to check oil level.

Segmented design.

Easy access.

Efficient crop collection.

PICK UP family.

Ever increasing yields and ever more powerful forage harvesters require robust technology which is able to take up the crop efficiently while remaining easy to operate.

The PICK UP 380 and 300 front attachments meet these requirements.

All the PICK UP models for the JAGUAR forage harvester are able to adjust flexibly to a very wide range of ground conditions and are capable of high throughput.

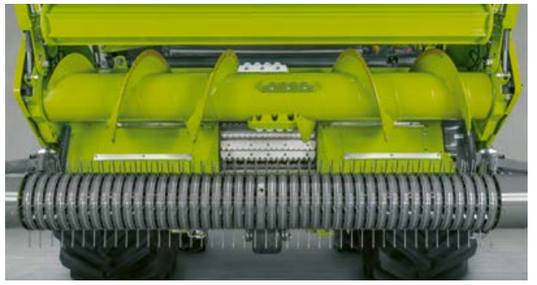
PICK UP 380 / 300.

Design.

The high-performance pick-up reel with its four or five rows of tines ensures that the crop is taken up efficiently. The castor guide wheels for precise ground contour adaptation are level with the pick-up reel and can be adjusted without tools.
The double roller crop press and the large intake auger diameter ensure a smooth crop flow. A spring-loaded intake auger (optional) increases throughput in large swaths.

Robust pick-up reel for efficient crop intake.

Optional: PICK UP with two independent, variable drives.
- Intake auger via quick release coupler
- Pick-up reel via hydraulic motor. Hydraulic power is delivered via two additional hydraulic lines which are connected by flat couplings.



NEW: Reliable and steady crop flow.
Strongly built and protected by segmented wear rings, the intake auger is equipped with four paddles which ensure an extremely even crop feed to the JAGUAR.

The process for changing the wear plates on the paddles is designed for maximum convenience. When low volumes of harvested material are to be collected, it is recommended that extended, toothed wear plates be used to ensure a smooth crop flow.

Tilting frame for PICK UP 380 and 300.

The main frame supports the torsion-suspended pick-up reel and the floating intake auger. The tilting frame is attached to the main frame by means of a central pivot point, three arms and a spring to return the frame to the neutral position.
This arrangement enables ideal freedom of movement for optimal ground contour adaptation and high-performance crop pick-up.

Clearly a better way to work.

The dust net covers the entire width of the crop intake and effectively prevents dust from being stirred up during harvesting. The reduced soiling of the radiator screen increases the operational availability of the JAGUAR. The coarse-meshed net also allows a clear view of the crop flow.

For road travel, the castor guide wheels are folded up. This is performed either mechanically and without tools or at the touch of a button from the comfort of the cab.
- The PICK UP is raised automatically to enable oscillation damping during road travel

PICK UP 380 / 300.

Crop flow.

The right variants for all customer requirements and usage profiles.

Speed adjustment for PICK UP with standard drive:

1 Variant 1

Where the PICK UP has a single drive via the quick-release coupler, the speed adjustment method depends on the PICK UP model concerned, requiring either the operation of a 3-speed gearbox or the substitution of sprockets.

2 Variant 2

If the JAGUAR is equipped with a variable front attachment drive, depending on the length of cut setting, all the components of the PICK UP, i.e. intake auger and pick-up reel, are driven interdependently at variable speeds.

Advantages:

– Where lengths of cut or operating requirements are relatively constant: you adjust the speed simply by changing the sprockets.
– Where lengths of cut or operating requirements change frequently: you use the 3-speed gearbox in conjunction with the additional variable front attachment drive.

Speed adjustment for PICK UP with two independent, variable drives:

3 Variant 3

PICK UP with two variable and independent drives for intake auger and pick-up reel:

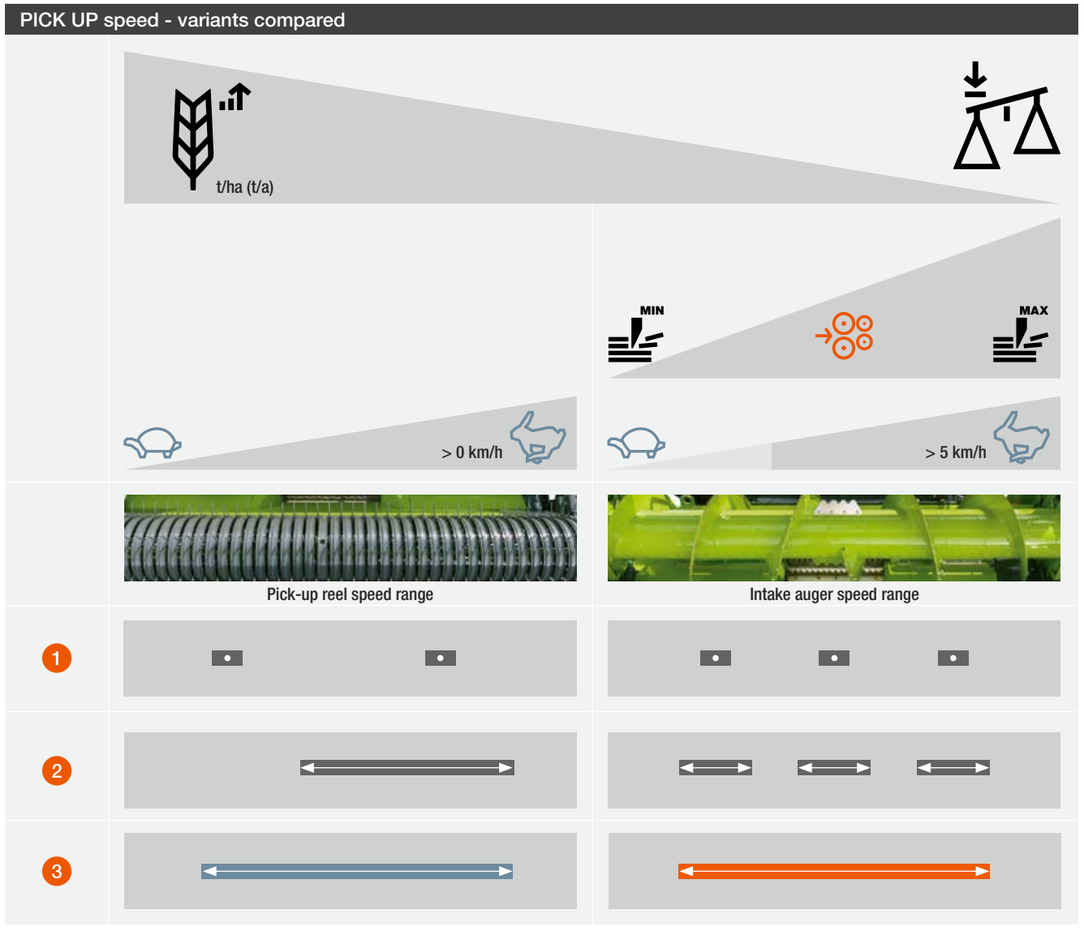
– The pick-up reel is driven hydraulically. The independent adjustment of the reel speed to the ground speed enables an appropriate crop feed to the intake auger.
– The drive for the intake auger is transmitted via the quick-release coupler. Speed adjustment is performed automatically in accordance with the set length of cut and, from 5 km/h, also in relation to the ground speed. The consistent crop transfer to the precompression rollers ensures optimal use of the capacity of the JAGUAR.

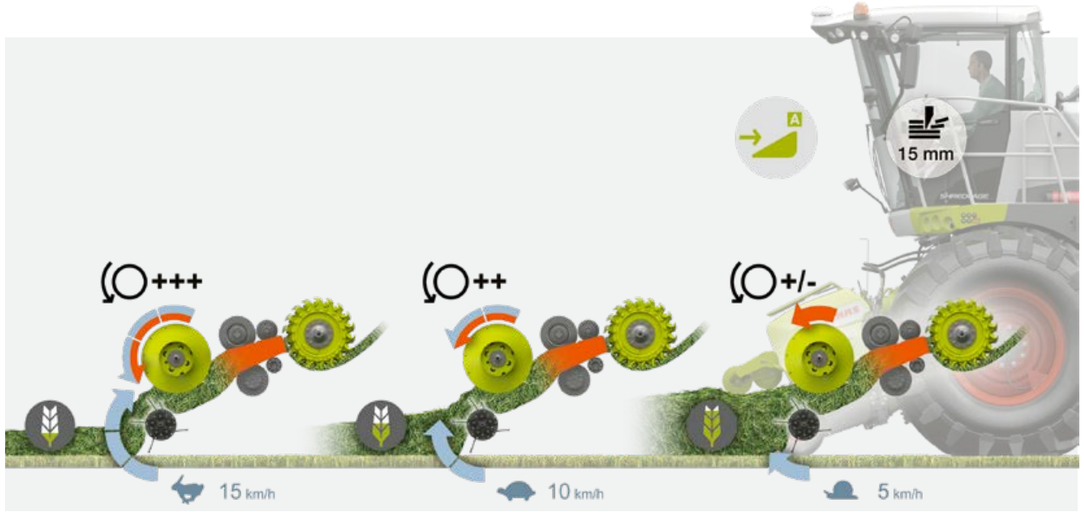
Recommended usage scenario: when it comes to delivering the highest standard of performance and maximum throughput in extreme conditions, the dual drive is the right solution; for example, when handling high yields at a very low ground speed or when operating at a high harvesting speed with low crop volumes.

Advantages:

– Compared with the standard version, greater throughput is possible in extreme conditions.
– Very even crop flow and efficient crop pick-up through automatic speed adjustment on basis of ground speed and set length of cut.

PICK UP speed - variants compared





Loss-free harvesting.
Convenient maintenance.

ACTIVE CONTOUR
for optimal ground adaptation.

The ACTIVE CONTOUR function allows the PICK UP to adapt quickly to the changing ground contours. The system controls the height of the front attachment actively via potentiometers. The pick-up reel with its tines is maintained at a constant distance from the ground. In this way, you can reduce crop losses in very hilly terrain.

Loss-free harvesting with the CLAAS CAM PILOT.

The CLAAS CAM PILOT takes control of the task of steering during the swath pick-up process, thereby making it possible to attain working speeds of up to 15 km/h without fatiguing the operator. This also means that the operator is able to concentrate much more closely on filling the transport vehicle and achieving a loss-free harvest.

The CLAAS CAM PILOT detects the swaths in three dimensions and applies the appropriate steering correction automatically. As usual, it is activated via the control lever and deactivated by turning the steering wheel.

Recommended accessories for high crop volumes and throughput rates:

- The flat wear plates which are fitted ex factory are recommended for use in normal harvesting conditions and with large crop volumes.
- Large support rollers increase the clearance below the intake auger to enable an even crop flow with very high crop volumes

Accessories: wear plates and large support rollers

Reliability.

The optional chain lubrication system supports more intensive use and therefore enhanced reliability. Choosing this option also simplifies maintenance.

The drive chains and gears of the pick-up reel and intake auger are lubricated automatically. The 4-litre oil reservoir is sufficient for 180 hours of operation. With the front attachment switched on, lubrication is applied to the chains directly and continuously by means of two brushes.

Optimal accessibility.

Excellent accessibility of the key areas and maintenance points is one of the key characteristics of the PICK UP family. For example, during the reversing procedure after detection of a foreign object, the roller crop press is automatically raised hydraulically (optional raising of the intake auger is also possible). As well as making it easier to search for foreign objects after the presence of metal or a stone has been detected, this arrangement allows wear parts to be replaced easily.

Direct mowing and chopping.

Whole crop harvesting with the DIRECT DISC.

Whether you're intending to use milk ripe plants for high-grade animal feed or as biomass for energy production, this front attachment means you can mow and chop in a single pass.

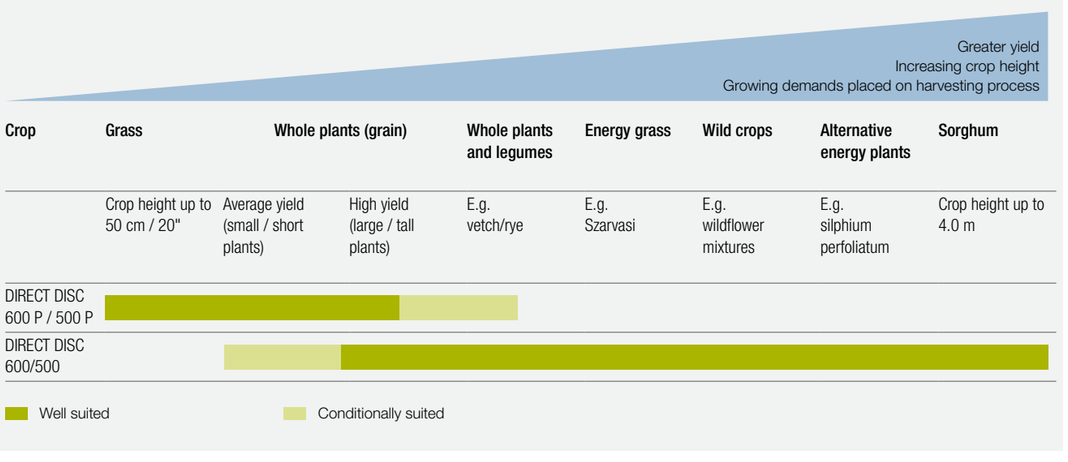
DIRECT DISC 600 P / 500 P and 600 / 500.

DIRECT DISC 600 P / 500 P.

Plants cut with the MAX CUT mower bed are fed to the intake auger by a height-adjustable paddle roller.

This enables an extremely consistent crop flow, even when the crop is very short.

DIRECT DISC application areas



DIRECT DISC 600 / 500 with large intake auger.

Adjustable crop press bars, optionally with hydraulic operation.

Roller crop press for a very even crop feed.

DIRECT DISC 600 / 500 with MAX CUT mower bed.

DIRECT DISC 600 and 500.

The crop is fed straight from the mower bed to the intake auger. As a result of the extremely large intake auger with its 800 mm diameter, both DIRECT DISC model series have excellent throughput.

The DIRECT DISC 600 and 500 are notable in particular for their ability to handle very tall plants, such as sorghum growing to heights of up to 4.0 m. CLAAS offers side knives for use in severely intertwined crops.

Simply hitch up for flawless harvesting.

DIRECT DISC	600 P / 500 P	600/500
Delayed activation of mowing units means that DIRECT DISC can be started under full load	●	●
Three-speed gearbox for optimal adjustment of crop flow to field conditions or different lengths of cut	●	●
Two externally driven mower beds from the MAX CUT model series with quick knife change system and SAFETY LINK modules for safe mowing	●	●
Paddle roller and intake auger for perfect crop flow in low to medium-height crops	●	–
Crop press bar for a perfect crop feed	○	●
Roller crop press for an even crop feed	–	○
Intake auger with very large diameter for high throughput and very tall crops	●	●
Ideal adaptation to ground contours through mechanical lateral compensation system and ground pressure control for excellent work quality	●	●

● Standard ○ Option – Not available

Powerful drive train with three-speed gearbox.

DIRECT DISC 600 P / 500 P with height-adjustable paddle roller, optionally with hydraulic operation.

Transport trailer carrying DIRECT DISC.

With the front attachment locked in place, it is possible to travel safely at up to 40 km/h.

Harvesting maize cobs with the JAGUAR.

Forage with high starch content is used as concentrated feed for cattle and pig fattening or as an energy source for biogas production. The adapter allows a combine harvester maize picker to be used to harvest maize cob silage. In this way, you can get even more out of your JAGUAR.

Harvesting
maize cob silage (MCS).

Adapter.

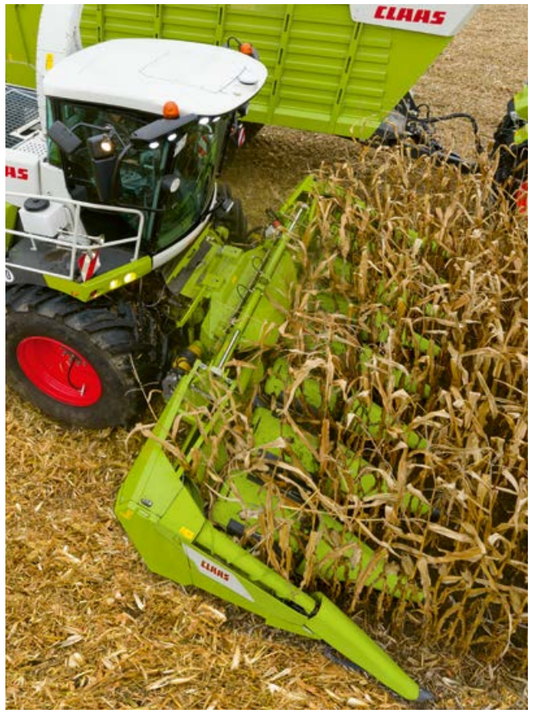
The adapter allows a six or eight-row combine harvester maize picker to be attached to the JAGUAR. The robust transfer gearbox transmits the drive from the JAGUAR. The adapter has a feed roller to optimise the crop flow from the front attachment to the JAGUAR intake.

Maize cob silage: harvesting with a combine harvester maize picker on the JAGUAR.

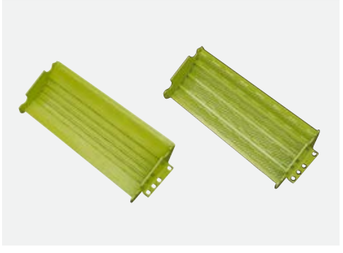
MCS is forage with a high energy concentration and is primarily used in cattle farming for milk and meat production.

The following additional equipment is recommended for high-quality WCS or MCS silage harvesting:

- Friction bar wedge fitted behind the mounting block
- Friction concave plate
- MULTI CROP CRACKER with fine meshed rollers and 60 % speed difference
- Micro-rasp bars for the JAGUAR 800 series
- MULTI CROP CRACKER MAX



Adapter for combine harvester maize picker.



Friction concave plate with rasp bars or friction edges for JAGUAR 800.

Friction concave plate for JAGUAR 900.

MULTI CROP CRACKER MAX.

MULTI CROP CRACKER CLASSIC.

Maize cob silage (MCS).

Straightforward and convenient – coupling of all JAGUAR front attachments.

Quick, clean and convenient.

When machines of the JAGUAR 800 or 900 model series couple with the front attachment, the drive train is automatically connected by means of the quick-release coupler. The central locking system, which is easily accessible from the left-hand side, secures the front attachment to the forage harvester. Two flat-seal hydraulic couplings and a control cable enable positive connection of the front attachment functions.

Intelligent connection.

Once the front attachment is connected electrically to the JAGUAR, various basic settings are configured automatically with the aid of the front attachment detection feature.

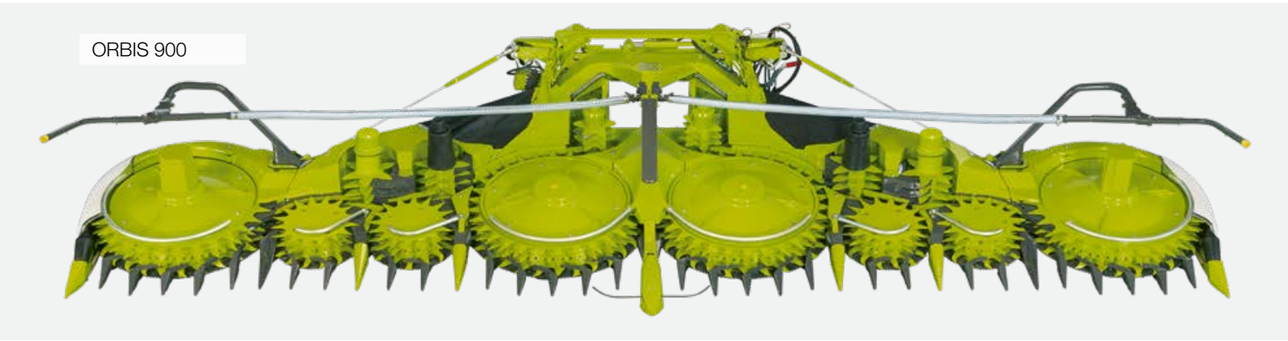
Once the connection with the JAGUAR is established, the values which have been learned are retained. The following values are saved in the front attachment module:

- Front attachment end stops
- Last cutting height preselection values
- Last cutting height adjustment values
- Last working position
- Last AUTO CONTOUR values
- Front attachment speed for length of cut
- Front attachment operating hours
- Serial number

PICK UP front attachment module.

ORBIS front attachment module.

Advantages at a glance.



Common features:
- The availability of appropriate front attachments for different crops opens up flexible opportunities for machine use
- Convenient fitting and removal
- Drive via quick-release coupler
- Can be started and reversed under full load and in the upper rated speed range
- Outstanding ground contour adaptation through CONTOUR and AUTO CONTOUR ground pressure control
- Safe and comfortable on-road travel with oscillation damping
- Compliance with statutory axle-load regulations thanks to integrated transport system

PICK UP:
- Ideal ground contour adaptation as pick-up is free to swivel as required and guide wheels are optimally positioned
- Double roller crop press for perfect crop flow
- Hydraulic auger elevation for optimal accessibility when searching for foreign objects
- Wear components can be replaced quickly
- Spare wheel
- Speed adjustment for PICK UP with two independent, variable drives
- Automatic chain lubrication

DIRECT DISC:
- Mower bed with quick knife change system
- Various possibilities for adjustment to different crops and field conditions
- Proven MAX CUT mower bed
- Optional side knives available
- Roller crop press for even and continuous crop flow

ORBIS:
- Extremely free-running drive with low starting torque and low power requirement
- Designed for high throughput
- Universally suitable for harvesting stalked crops and maize
- High work quality
- Very low maintenance requirement
- Central sensor bracket as third AUTO CONTOUR sensor
- Automatic transport protection
- Transport width of 3 m for all ORBIS 900 to 450 models
- Extended PREMIUM LINE range for operational reliability and long service life.

Adapter for combine harvester maize picker:
- Allows maize pickers to be attached for harvesting maize cob silage (MCS)
- Effective power transmission via quick-release coupler
- Reliable crop flow with integrated feed roller
- Friction concave plates and CORN CRACKER are used as indicated by crop maturity

Compatibility of front attachments with JAGUAR

	PICK UP 380 / 300	DIRECT DISC 600 P / 500 P 600/500	ORBIS 900	ORBIS 750	ORBIS 600 SD / 600	ORBIS 450
JAGUAR						
900 series	○ / ○	○ / ○	○	○	○ / ○	○
800 series	○ / ○	○ / ○	–	○	○ / ○	○

PICK UP front attachments

PICK UP		**380**	**300**
Working position	mm	4660	3680
Working width, tine to tine	mm	3600	2620
Transport width	mm	3976	3000
Length	mm	1440	1440
Height	mm	1450	1450
Weight	kg	1580	1390

Direct cutterbars

DIRECT DISC		**600 P**	**600**	**500 P**	**500**
Working width	mm	5959	5959	5132	5132
Transport width	mm	6015	6015	5189	5189
Transport length, on trailer	mm	10900	10900	10000	10000
Length	mm	2590	2350	2590	2350
Height	mm	1750	1750	1750	1750
Weight	kg	3330	3030	3080	2830

Maize front attachments

ORBIS		**900**	**750**	**600 SD**	**600**	**450**
Working width	mm	8930	7450	6040	6007	4480
Transport width	mm	2995	2995	2995	2995	2995
Length	mm	2244	2244	2345	2345	2345
Height in working position	mm	1340	1460	1460	1460	1330
Height in transport position (with transport system)	mm	2500	2290	1725	2175	1330
Permitted total weight	kg	4430	3400	3000	2900	2500

ORBIS with transport system: distance of axle to JAGUAR

JAGUAR	**Distance at centre of axle**	**ORBIS transport system – JAGUAR drive axle**	**JAGUAR drive axle – JAGUAR steering axle**
900	mm	1300	3070
800	mm	1480	2900

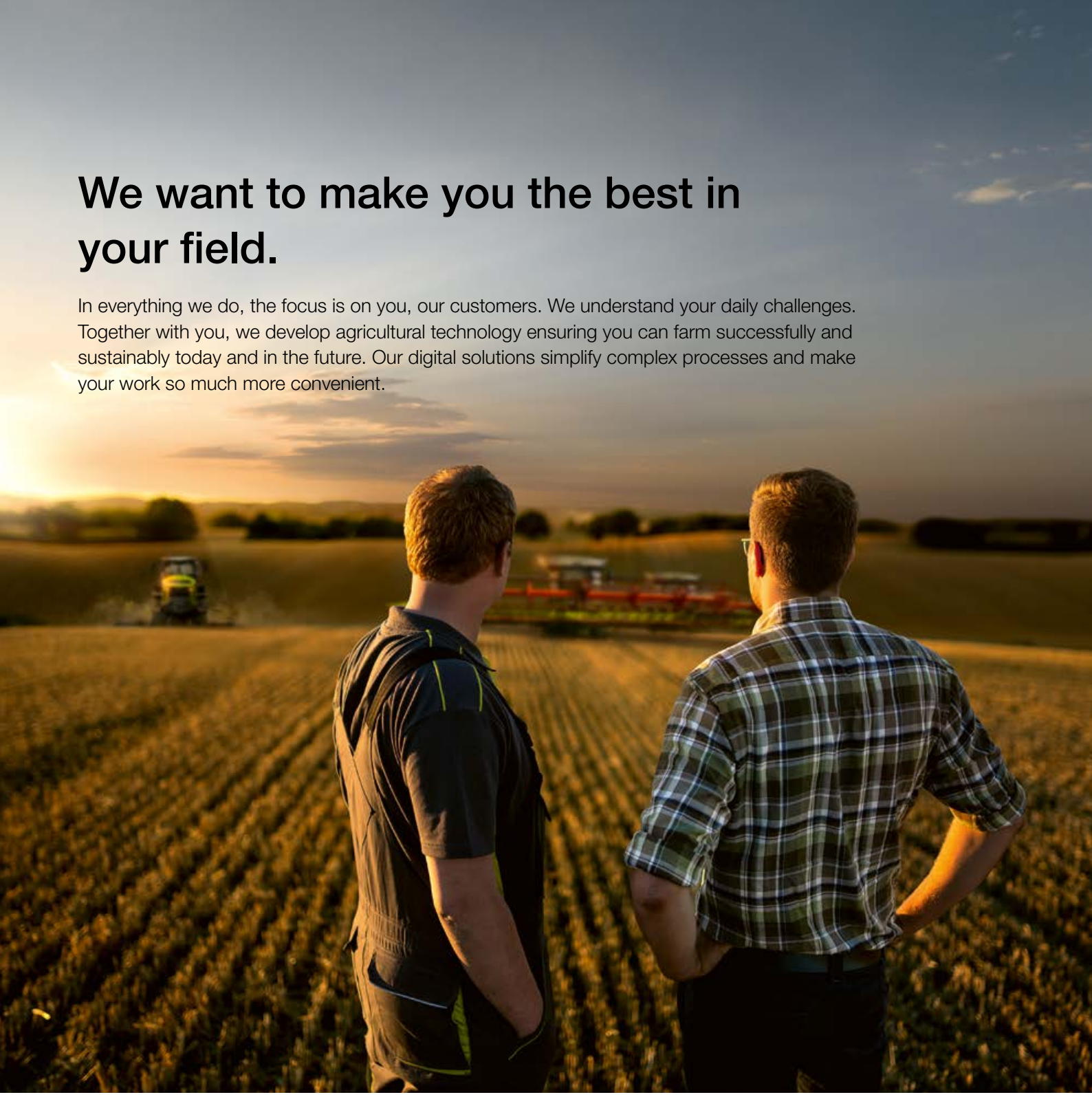
Adapter for JAGUAR with maize picker

				Compatible with JAGUAR model:				
Adapter dimensions		**Front attachments**	**Rows**	**502**	**499**	**498**	**497**	**496 / 500**
Weight	530 kg	CONSPEED	6	○	○	○	○	○
Width	2320 mm	CONSPEED	8	○	○	○	–	–
Height	1110 mm	CORIO	6	○	○	○	○	○
Length	725 mm	CORIO	8	○	○	○	–	–

● Standard ○ Option □ Available – Not available

We want to make you the best in your field.

In everything we do, the focus is on you, our customers. We understand your daily challenges. Together with you, we develop agricultural technology ensuring you can farm successfully and sustainably today and in the future. Our digital solutions simplify complex processes and make your work so much more convenient.



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