



Self-Propelled Forage Harvesters

JAGUAR

900 Series

800 Series

CLAAS



NEW JAGUAR 980 and JAGUAR 970.



Powerful and efficient: the engine technology.

New: JAGUAR 980 and 970 are both equipped with new V12 engines from MAN that comply with all Tier 4 final emission standards via Selective Catalytic Reduction (SCR). The engine of the 980 is still 884 horsepower, but the new engine for the JAGUAR 970 offers an increased output of 800 hp.



The 24.2 liter D2862 V12 engine from MAN is standard on the new JAGUAR 980 and 970 models and meets EPA Tier 4 emissions requirements.



A new shielding design on the JAGUAR 980 and 970 increases airflow for the engine.



Both the 980 and 970 feature a primary 277 gal fuel tank and an auxiliary 79 gal fuel tank for a total fuel capacity of 356 gallons, as well as a 34.3 gallon urea tank for the SCR system.

JAGUAR 980 and 970

New features for even better performance.



New: Variable speed header drive.

With the new variable speed header drive in the JAGUAR 980 and 970, you're set for more optimized crop flow, one that is especially designed for use with PICK UP or ORBIS headers. Operation is available in either automatic or manual mode, the intake and the header can be reversed independently, and a soft start and stop means reduced wear on your clutch.



New: Drum housing.

The new V-MAX drum housing was designed with a shear bar adjustment, readjusted cutting angle, automatic drum concave, and improved cover. The benefits: Better chop quality, better crop flow, better blowing capacity, less wear and less maintenance.



New: Front axle with differential lock.

The new JAGUAR models are equipped with a front axle that features differential lock. For improved traction in wet conditions and in hilly areas, three modes are available:

- Always engaged (manual mode).
- Disengaged (automatic mode): Standard mode, automatic shutoff on headland.
- Engaged (automatic mode): Recommended for driving with AUTOPILOT.



New: Dual tire option. Best traction in the market.

The new drive axle on the JAGUAR 980 and 970 also means the forage harvester can now be equipped with duals – giving you higher stability while harvesting on slopes, lower ground pressure, and very high traction and tracking.

JAGUAR 800 Series

Powerful performance and reliability.



Unmatched and unchanged – the drive.

The revolutionary drive concept of the JAGUAR was developed by CLAAS engineers in 1993 and still sets the standard today. The direct power transmission has proven itself thousands of times over in practical use.

The chopping mechanism is driven directly from the engine main clutch to ensure efficient power transfer. With the disc brake attached to the main clutch, rapid stopping when the main drive is switched off also equals enhanced safety.



V-CLASSIC knife drum.

The chevron-shaped knife arrangement of the V-CLASSIC drum for JAGUAR 800 Series forage harvesters produces a pull-through, guillotine cut with a minimum of effort. At the same time, the forage is guided towards the middle, reducing wear and friction losses on the sides of the drum housing. The V-CLASSIC drum is fitted with removable knives. With half of the knives removed, a longer, very uniform crop will be produced.



Powerful Mercedes-Benz engines.

CLAAS POWER SYSTEMS encompasses the full range of drive technology and matches it with the appropriate engine to form an optimally tuned and integrated drive system. This results in the highest level of efficiency available in the market.

The engine is rubber mounted to the chassis to minimize noise and vibration. This means you get the best of both worlds: immense power reserves plus top driver comfort.

JAGUAR	880	860	850	840
Self-propelled forage harvesters				
Engine type	OM 473 LA	OM 471 LA	OM 471 LA	OM 470 LA
Engine manufacturer	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz
Cylinders	S6	S6	S6	S6
Engine output at 1700 rpm	626	516	462	408
DYNAMIC POWER PRO	○	○	–	–
V-CLASSIC knife drum (20 knife)	●	●	●	●
MULTI CROP CRACKER CLASSIC L	○	○	○	○
MULTI CROP CRACKER CLASSIC SHREDLAGE	○	○	○	○
AUTO FILL	○	○	○	○
TELEMATICS (first year license included)	●	●	●	●
Trimble ready	○	○	○	○

● Standard ○ Optional – Not Available

Crop flow – uniquely JAGUAR.



The best crop flow in the industry.

Optimal crop flow is key to meeting output goals. The crop is accelerated at each step and is centered by the chevron arrangement of the knives and accelerator paddles. This means maximum performance with minimum power consumption. The JAGUAR consistently demonstrates outstanding results measured in terms of fuel consumption in gallons per ton.



AUTO FILL. Extremely user-friendly. (Optional on all JAGUAR models)

AUTO FILL, using the principle of digital 3D image analysis, evaluates camera images to determine the outer edges as well as the filling level of the trailer driving alongside the JAGUAR. The system can also determine the point of impact as the chopped silage enters the trailer to automatically control the longitudinal and transverse direction of the discharge chute to the vehicle axis. The result is optimal trailer filling.

Kernel processing

MCC L and MCC SHREDLAGE®



MULTI CROP CRACKER L: Larger, stronger, faster.

CLAAS offers the MULTI CROP CRACKER L (MCC L) on all JAGUAR 900 Series and 800 Series forage harvesters. The MCC L can be adapted quickly and easily to different harvesting conditions simply by changing the rollers. The extremely rugged design ensures high-performance crop processing, even at very high throughput rates.



MULTI CROP CRACKER SHREDLAGE: Now optional on ALL JAGUAR models.

The new MCC SHREDLAGE processor, now available on all JAGUAR 900 and 800 Series models, rips stalks lengthwise into planks and strings – effectively enhancing the fiber content, improving packing and exposing the inner cells of the plant for increased microbial activity. The corn plant is chopped significantly longer than before, but the corn kernels are still split several times.

JAGUAR 900 Series (960-930)

Takes JAGUAR performance to another level.



The V-MAX knife drum. More flexibility.

In order to meet differing market requirements, CLAAS offers the V-MAX knife drum with two variant knife configurations: V24 and V20. These options allow a chop length range of 4 mm to 44 mm and offer you a whole host of benefits:

- Precise cutting for optimal chop quality.
- Curved knives for added strength and optimum crop flow.
- Easy setup with two bolts securing each knife.
- No adjustment needed – the knives attach directly to the star-shaped drum.



NIR sensor.

The continuous measurement of dry matter improves the accuracy of the current throughput detection significantly. The near-infrared (NIR) sensor achieves a very high accuracy with 20 measurements per second – ideal for the documentation of harvest data for later use.

- Measuring range grass: 24-65% dry matter.
- Measuring range small grains: 24-60% dry matter.
- Measuring corn: 24-60% dry matter.



DYNAMIC POWER PRO. Intelligent power management. (900 Series, 880 and 860)

DYNAMIC POWER PRO from CLAAS automatically reduces engine horsepower to what is needed to maintain ground speed and engine rpm. DYNAMIC POWER adjusts the engine output to the field conditions in ten steps that ensure you are always operating in the most efficient engine speed range. These automatic adjustments make fuel savings of up to 10.6% compared to models not equipped with DYNAMIC POWER.

DYNAMIC COOLING: Well thought out design.

When operating the JAGUAR in extremely hot regions, DYNAMIC COOLING can enable an increase in fan performance of up to 15% compared with the standard cooling system. This ensures sustained operation at maximum performance.

- Highly efficient variator drive.
- Power saving of up to 20 hp.
- Fan speed reserve of up to 15% for performance peaks.



User-friendly features

Makes running and owning it hassle-free.

EASY

Ease of access: For accelerator cleaning and maintenance.



EASY: Precision technology systems for easy operation in the field.



Extremely fast removal.

CLAAS offers an easy solution for removing the accelerator when post-harvest cleaning is required or if it should prove necessary to replace wear parts. Two people can carry out the removal procedure in one hour.

Save time, energy and trouble.

- QUICK ACCESS lets you inspect the chopping unit in a matter of moments.
- V-opening: release the lock and swing the housing open hydraulically for a clear view of the knives and shear bar.
- Side opening: separation between the knife drum and intake. Just remove the header and swing open the intake.
- The spacious storage compartment keeps all tools and accessories within reach.
- Anywhere that needs to be accessed for servicing can be reached quickly and easily via large side openings.

CAM PILOT.

The CAM PILOT assumes the steering in combination with the PICK UP header. The windrow is detected in three dimensions from a dual-lens camera to direct steering. The loss-free steering has a greater capacity for a higher speed and rate of work.

Sensing with AUTO PILOT.

The CLAAS JAGUAR with ORBIS can be equipped with corn row sensing for following 15-31.5 inch row spacing corn, offering maximum flexibility for all types of row width and variations in planting.

Trimble® or Ag Leader® ready.

The CLAAS open architecture structure via the CLAAS CANBUS allows third-party GPS steering and yield mapping solutions to plug and play directly into the JAGUAR. Both Trimble and Ag Leader technologies offer a full-featured display for your harvesting needs.

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Engine manufacturer	MAN	MAN	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz
Cylinders	V12	V12	Inline 6	Inline 6	Inline 6	Inline 6
Engine output at 1800 rpm	884	800	626	585	516	462
CRUISE PILOT	●	●	○	○	○	–
V-MAX knife drum (24 knife)	●	●	●	●	●	●
V-MAX knife drum (20 knife)	○	○	○	○	○	○
MULTI CROP CRACKER CLASSIC L	○	○	○	○	○	○
MULTI CROP CRACKER CLASSIC SHREDLAGE	○	○	○	○	○	○
AUTO FILL	○	○	○	○	○	○
TELEMATICS (first year license included)	●	●	●	●	●	●
Trimble ready	○	○	○	○	○	○

● Standard ○ Optional – Not Available

JAGUAR headers.



PICK UP headers from CLAAS.

The PU 380 PRO and PU 300 PRO headers feature excellent flotation over any terrain. A roller crop press helps smooth out windrows to maximize the capacity of the JAGUAR.

New for 2017 is the optional 2 speed drive gearbox that is recommended for use with the variable speed header drive.



DIRECT DISC: Mow and chop in one step.

The new MAX CUT mower bar, that sets DISCO mowers from CLAAS above the competition, is now a part of the DIRECT DISC system providing stability and improved crop flow.



ORBIS: Row-independent corn headers.

The free-running drive and compact dimensions mean the ORBIS provides you with low power consumption and impressive maneuvering in the field or when turning, and with optional AUTO PILOT, reliable row guidance, as well.

New in 2017 is a down crop kit available for ORBIS 900, 750, 600, and RU 450.



RU 450 Xtra: Harvest in any direction.

The three large cutting and transport discs rotate counter-directionally to each other for lower power consumption and greater efficiency. The feeding fingers on the front reduce double cutting and keep the stalks engaged in the discs for more positive crop flow.

HEADER WIDTH	10	12.5	15	17	20	21	25	30
Rows				6	8	8	10	12
PICK UP	PU 300	PU 380						
DIRECT DISC				DD 500	DD 600			
RU			RU 450					
ORBIS					ORBIS 600	ORBIS 635	ORBIS 750	ORBIS 900

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