

# Grain harvesting combine

## GS8





# Combination of compactness and productivity of GS8

## LUX CAB



The new generation LUX CAB meets your expectations of comfort and helps you stay efficient throughout the long shift.

Working at night, even with wide-angle adapters, will not be a problem for you, because the powerful LED VISION electric lighting system installed in LUX CAB is responsible for excellent visibility.

An air-suspension seat that is individually configured for you with available adjustments, a new steering column and steering wheel, all designed to reduce operator stress and fatigue, increase productivity, and therefore achieve maximum work results.

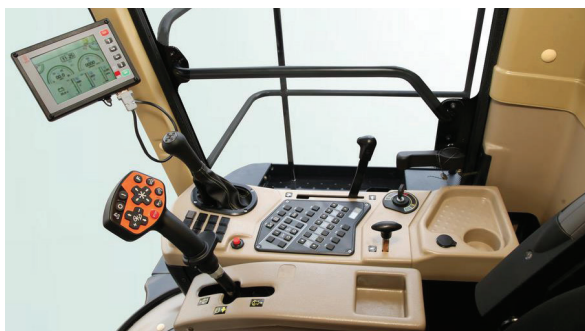
The HARVEST OFFICE system with a color display gives you the opportunity to simultaneously control the combine and provide real-time monitoring of the state of its main functional units, control the working parts, engine, transmission, the progress of work and service operations, and also inform you about the presence of warning and emergency situations.

HARVEST OFFICE in combination with the ergonomic U-PAD combine control panel and the MULTI GRIP multifunctional combine control joystick integrated into the armrest help to optimally set up the work and easily control the harvesting process under any conditions.



Also, to facilitate and increase the efficiency of your work, the combine has a system that allows you to adjust the working parts of the combine from the cab (threshing drum speed, concave clearance, fan speed) when changing crops.

Original constructional decisions and arrangement of the combine working systems provide maximum results by reasonable power consumption, which guarantees the optimal cost of which guarantees the optimal cost of harvested grain.



## Reliability in simplicity

The GS8 combine is equipped with a feeder housing using three high quality structural chains. Thanks to the simple design of the conveyor, the plant mass passes stable along the feeder housing, while minimizing the bending load moment on the conveyor slats. Applied technical solutions prolong the life of key components of the feeder housing.

The GS8 feeder housing paired with a single-drum threshing and separating system creates minimal airflows, which minimizes dust formation in the working area of the header. This technology enable manage without additional dust removal devices, which increases reliability without additional financial costs.



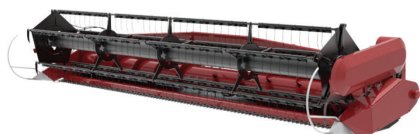
Harvesting difficult crops won't be a problem, because the hydraulic reverse function allows you to harvest in a short time, saving time on cleaning the feeder housing and adapter.

The hydraulic multi-coupling for adapters reduces the time of their aggregation and makes this process less laborious.

The simplicity of the GS8 combine, the benefits of classic threshing and separation system, the optimal cost of ownership of the combine make this model the most practical choice for confident work in fields with low and medium yields.



### Versatility when working on different crops



Headers for harvesting grain crops  
and soybean BARST / TANZER



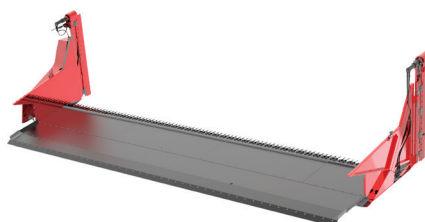
Conveyer header DIVERS,  
grain swath header STRIVER



Grain pick-up LAGARD



Sunflower header SUNRISE



Rapessed cutterbar table



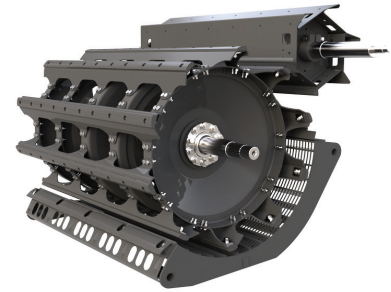
A set of equipment for harvesting corn  
for grain STORK



## Time-tested classic threshing and separation system

The GS8 combine is a bright representative of models with the classic DRUM-FLOW threshing and separation system with one threshing drum, beater and straw walker.

Such a scheme, apart from enviable technological reliability, provides versatility of application and simplicity of maintenance. The large size of the drum (diameter 800 mm) and deck allows you to significantly soften the threshing mode without reducing the degree of threshing. The concave clearance required for optimal threshing is controlled by an electric mechanism from the cab.



The DRUM-FLOW system fully demonstrates its performance when working on difficult crops, such as high-straw and wet grain.

If there was a clogging of the concave you can quickly eliminate it without stopping the threshing drum using the DRUM RESET system, which is turns on by the pedal on the right under the seat. This operation will take you only a few seconds.

After threshing, the straw passes in a uniform flow through the straw walker, which is open at the bottom, ensuring reliable separation of almost all residual grain. Thanks to the finger grating of the returns pan, the grain heap is pre-distributed into two layers, which are evenly flow to the cleaning sieves. This system makes it possible to process even large volumes of straw quickly and easily.

Optimum height difference, intensive counter movement of the straw walker keys guarantee you the most complete separation of the residual grain.



## Gentle unloading in optimal time

Grain tank with a volume of 5 500 litres is optimally suited for small and medium-sized farms with field yields 15-30 centner per hectare.

A full grain tank is emptied in less than 2 minutes thanks to an unloading speed of 40 l/s.

Harvesting in a short time is not a problem! With the help of the STICK CONTROL system, you can harvest high-moisture grain, thereby reducing the downtime of your machines.

The height and length of the unloading auger make it easy to unload grain into vehicles, even on combines with 7 meters headers.



## Extended PROFI configuration



The GS8 combine is also available in the extended PROFI configuration. The differences of this model are the ARC radiator cleaning system, threshing drum reduction gear and automatic centralized lubrication system.

Thanks to the innovative ARC-SYSTEM, the radiator is cleaned by reverse airflow generated by a reversible fan that blows out all the dirt from an air inlet zone, which increases the performance of your combine and simplifies its maintenance.

To reduce the speed of the threshing drum when harvesting crops that are easily damaged, such as corn, sunflower, a reduction gear is installed on the GS8 PROFI combine.

The main advantages of the automatic central lubrication system are an increase in the reliability of the main components, a reduction in the maintenance time.





## TECHNICAL CHARACTERISTICS

Model	GS8 PRO	GS8 PROFI
Engine		
Engine model	YaMZ-236	
Nominal engine power, kW / h.p.	169 / 230	
ARC-SYSTEM	-	•
Fuel tank capacity, l	500	
Feeder housing		
Feeder housing type	chain-and-slat	
Reverse	electric	hydraulic
Hydraulic multi-coupling	•	
Threshing system		
Threshing unit type	drum	
Threshing drum width, mm	1 200	
Threshing drum diameter, mm	800	
Rotation speed of threshing drum (with reduction gear), rpm	441...875 (185...368)	
Concave area, m²	1.1	
Concave wrap angle, °	130	
Reduction gear	○	•
Separation and cleaning system		
Separation type	straw walker	
Straw walker, pcs	4	
Length of straw walker key, mm	4 100	
Separation area, m²	4.92	
Total sieve area, m²	3.86	
Cleaning fan rotation speed, rpm	318...960	
Grain tank		
Grain tank volume, m³	5.5	
STICK CONTROL with vibro bottom	•	
Height of unloading auger, mm	3 800	
Unloading rate, l/s	40	
Straw processing		
OPTI-CUT straw chopper	•	
Straw chopper knives, pcs	24	
Cabin		
LUX CAB	•	
ALS-SYSTEM	○	•
Running gear		
Operating speed, km/h	8	
Road speed, km/h	20	
Road clearance, mm	300	
Overall dimensions and weight of combine without header		
Length / width / height, mm	7 850 / 3 580 / 4 000	
Weight, kg	11 800	
Headers		
BARST grain header, m	4.0; 5.0; 6.0; 7.0	
TANZER multicrop header with flexible knife bar, m	6.0; 7.0	
DIVERS conveyer header, m	9.0	
STRIVER grain swath header, m	9.2	
STORK corn header, rows / m	6 / 4.2	
SUNRISE rowless sunflower header, m	7.0	
Rapped cutterbar table, m	4.0; 5.0; 6.0; 7.0	
LAGARD grain pick-up, m	3.4	

• serial / ○ option / - not available



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*Machinery of agribusiness leaders*

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