

NOVA 330 is a perfect combination of performance, reasonable prices, and low operation costs. An ideal solution for farmers and small farms. Compactness and maneuverability make this harvester indispensable for the efficient operation on small fields with complex contours. The modern design and rational configuration of the harvester components provide the required performance and the verified price-and-quality balance.

NOVA 330 Specification

Headers	
Power Stream ¹ grain header, m	4.0/5.0/6.0
Cutterbar drive - planetary reduction gear	●
Knife speed, stroke/min	1,140
Float Stream 500 soybean header, m	5
Argus 570 corn header, rows	5
Falcon 670 sunflower header, rows	6
Swa Pick 340 pickup, m	3,4
Crop lifters	○
Trailer	○
Hydraulic multi-coupler	●
Feeding	
Feeder house type	chain-and-slat type conveyor
Contour following system	●
Hydraulic reverse	●
Threshing	
Thresher type	drum with front booster beater
Drum diameter, mm	600
Drum length, mm	1,185
Concave coverage, degrees	146
Total concave area, sq. m	0.93
Drum speed (with reduction gearbox), RPM	510 – 1,150 (300/400 – option)
Reduction gearbox	○
Concave adjustment (electrical from the cab)	●
Stone trap	●
Separation	
Number of straw walker sections, pcs	4
Length of straw walker sections, mm	3,600
Straw walker separation area, sq.m	4.3
Cleaning shoe	
Cleaning shoe type	2-sieve
Total area of sieves, sq.m	3.59
Fan speed, RPM	350 – 1,200
Rethreshing principle	return to the drum

Grain tank	
Grain tank capacity, L	4,900
Unloading rate, L/sec	50
Delivery auger length, m	4.1
Unloading height, m	4.0
Sampler	●
Filling sensor	●
Crop residue processing	
Chopping unit speed, RPM	3,000 (1,700 – option)
Chopping unit reduction gear	○
Number of knives, pcs.	44
Windrower	●
Cab	
Comfort Cab ²	●
Adviser II ³ information system	●
Undercarriage	
Transmission	hydrostatic
Number of gears	3
Wheelbase, mm	3,600
Front wheel track, mm	2,770
Ground clearance, mm	500
Turning radius, mm	7,500
Front wheel tyre type	23.1 – 26
Four wheel drive (tyre type) (28LR26/18,4R24)	○
Engine	
Manufacturer/make	Cummins QSB 4.5 (Stage IV)
Engine capacity, L, number of cylinders, arrangement	4.5 L 4
Output (2 200 RPM), kW/h.p.	129 / 175
Fuel tank (AdBlue), L	510 (57)
Fuel consumption monitoring system	●
Air compressor	○
Overall dimensions and weight	
Length/width/height (in the travel position, without header), mm	7,945 / 3,400 (3,460 – 4WD) / 3,963

● standard ○ optional

¹ **Power Stream** is a versatile grain header with an extended table, reel hydraulic drive, header reverser controllable from the cab, synchronization of reel speed with ground speed.

² **Comfort Cab** is a spring-mounted airtight two-seat cab with fittings for the audio system, change noise insulation, air conditioner, heater, refrigerator.

³ **Adviser II** is an information system with an LCD monitor, situational framing, and voice announcement.

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Combine Harvester NOVA 330



 **Kombainserviss**

Power Stream versatile header

Power Stream ensures a higher performance due to the reduction of loss and optimal feeding of the harvested material. This header proved in practice that due to its original cutterbar with a planetary drive it reduces spilled grain losses and ensures a steady and smooth feeding irrespective of operation conditions. The reel hydraulic drive featuring a synchrodrive automatically adjusts the reel speed to match the ground speed. The hydraulic multi-coupler is the base package.

Improved visibility with a new feeder house

The conveyor-type feeder house feeds the material to the threshing drum quickly and evenly. It has inspection hatches enabling the inspection of its condition and easy maintenance. The stone trap before the threshing drum prevents stones from entering the threshing area. The hydraulic reverse function will help in difficult operation conditions.



Comfort Cab with the Adviser II information system

NOVA harvesters are equipped with Comfort Cab. The air conditioning and heating system is included in the standard package. You will enjoy the comfort that in fact enables the efficient work with a lower stress and fatigue until the end of the shift. The Adviser voice information system continuously monitors the threshing process and the functioning of harvester mechanisms, and allows to monitor the process stability and prevent the failure of units.

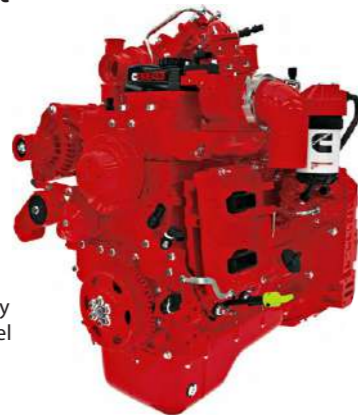
Unique threshing/separating system

The classic single-drum thresher threshes very carefully (up to a thin layer!) and has a quite simple design. The unique double-sectional concave scheme along with a large coverage ensures the concave area of 0.93 sq. m, which is unachievable for other third-class harvesters, and ultimately the high performance of the machine.



High-power and fuel-efficient Cummins engine

The harvester is equipped with a modern turbocharged diesel engine by Cummins (Stage IV) with VGT, 175 h. p. (129 kW at 2 200 PRM). The torque reserve is up to 20%. The engine management system fully monitor its operation and supplies the exact amount of fuel required under the current load. This ensures the minimal fuel consumption. To meet the emission legislation the SCR system with large capacity tank for AdBlue (57 L) is combined with Diesel Oxidation Catalyst (DOC).



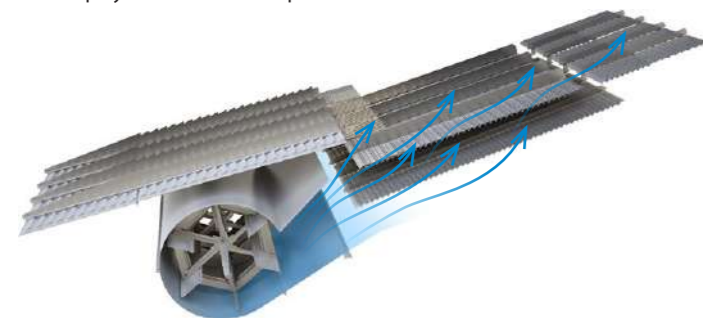
Large-capacity grain tank 4 900 L

The grain tank capacity is the most optimal for this class of machines. The high-speed unloader enables the unloading for no more than 2 minutes. The adjustable fins inside the grain tank adjust the unloading speed depending on the harvested crop type and moisture content. The unloading height is 4 m, which allows to unload grain to any vehicles. The hydraulic control of the auger can be activated from the cab.



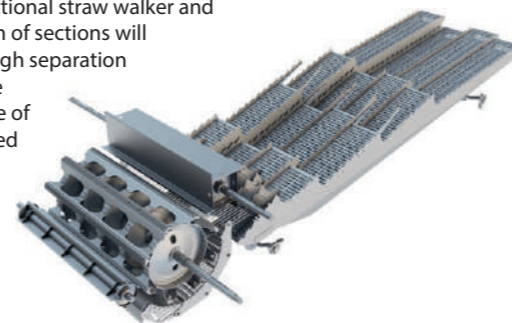
Efficient cleaning system

The double-sieve cleaning shoe system is used for cleaning heaps. A great drop height and the precleaner tine grid significantly improve the cleaning performance. The total area of sieves is 3.59 sq. m., which is the largest in this class of combines. The cleaning system utilises a 6-vane fan; the fan speed is controlled from the cab and displayed on the control panel.



High-performance straw walker with a large separation area

The efficient 4-sectional straw walker and the optimal length of sections will ensure the thorough separation of every grain. The shaking amplitude of sections is designed to ensure the maximum degree of separation of grain from heaps.



Easy maintenance

The air compressor with a 110 L receiver (included in the basic four-wheel drive harvester package) saves quite much time for the shift maintenance and is especially helpful in field conditions if there is no technical support vehicle nearby.

Reliable chopper/spreader

The classic threshing and separating system NOVA almost does not damage straw. Depending on the intended use, straw may be chopped and spread or windrowed. The chopping shaft drive may be disengaged in a split second.

