

Technical Data

	units	KSU 1
Engine		
Manufacturer/Brand		YaMZ
Displacement	L	4,43
Engine type		L4
Rated crankshaft speed	RPM	2 100
Power rating	hp (kW)	180 (132)
Fuel tank capacity	L	340
Air compressor		●
Fuel metering		●
Undercarriage		
Type		wheeled
Undercarriage drive		hydrostatic
Front – drive axle		split-type with a cross-bar combined with the machine frame, with single-range hydraulic motors
Rear – steering axle		portal type, with two hydraulic cylinders and steering linkage
Turning radius as measured from the outside steering wheel path	m	5,6
Road clearance	mm	1 000
Windrow opening width	mm	1 800
Road speed, max	km/h	24
Field speed, max	km/h	18
Cab		
Comfort Cab ¹		●
Adviser ² information system		●
Overall dimensions		
Length	mm	5 360
Width	mm	3 376
Height	mm	3 637
Machine weight	kg	4 669
Adapters and mountability		
9 m windrower draper cutter (header) with a single hydraulic coupler		●
7 m windrower draper cutter (header) with a single hydraulic coupler		●
Mower conditioner, 5.0 m operating width		●
Frontal rotary cutter (header), 3.5 m operating width		●
Mounted reaper-chopper (header), 2.7 m operating width		●

● commercial ○ option

¹ **Comfort Cab** is a spring-mounted airtight two-seat cab with improved noise insulation, air conditioner, heater, cool box, and an audio system

² **Adviser** is an information system with LCD monitor, situational framing and voice message feature

ROSTSELMASH reserves the right to improve individual machine characteristics without prior notice to the market

Multi-purpose
self-propelled mower



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ROSTSELMASH

MACHINE CAN BE EQUIPPED WITH:

DRAPER FLOW 700/ 900 WINDROWER DRAPER CUTTER (HEADER) WITH 7.0/9.0 M CUTTING WIDTH

This windrower draper cutter is designed for cutting spiked cereals and cereal crops. It can also cut green grass and ley the cut material to windrows on the right or left side onin the middle, or to double-sided windrows. All comoponents are hydraulically-operated and controlled from the operator's seat.

GRASS MOWER 500 MOWER CONDITIONER WITH 5.0 M CUTTING WIDTH

The mower conditioner with a segmented finger cutting unit is designed for cutting, with or without crushing, and windrowing of cultivated and natural grass. The mower is equipped with a versatile cutting unit with increased knife travel speed and bolted segments for easy servicing. The conditioner rollers are rubber-covered, with herringbone ribs.

GRASS MOWER 350 FRONTAL ROTARY CUTTER WITH 3.5 M CUTTING WIDTH

It is used for cutting high-yield and down crops (with a yield of 150+ centners/ha), with simultaneous loosening and windrowing of the cut material. As an option, the cutter can be supplied with a conditioner unit. The knives rotate at 3 200 RPM, which permits operation at higher speeds and faster forage harvesting.

JET STREAM 270 REAPER-CHOPPER WITH 2.7 M CUTTING WIDTH

An unmatched adapter, one of the class. Thanks to the rotary cutting unit, the reaper-chopper can cut natural and cultivated grasses and other forage crops with their subsequent chopping and loading to the vehicle trailing nearby. The spout is controlled from the cab.

ALSO YOU CAN USE:

UNI CART 3000 FOR DF SERIES MOWERS

The cartis intended for transportation ol Draeor Flow 700/900 mowers. To connect tie cart to the towing device, there is a special cart-towing beam extension and the viewing mirror mounted on the bracket on the radiator unit cover.

SPECIAL EQUIPMENT

To enhance unsupported operation capabilities, machines in the basic configuration are equipped with a pneumatic system. It consists of a 100 L receiver and a compressor which automatically maintains pressure at 4 to 8 bars, convenient pneumatic tools and a quick coupling for ease of mower maintenance. With the engine stopped the system holds enough air to operate for 5 minutes, you will have a good reserve to do all scheduled maintenance.

HEAVY-DUTY HITCH

The versatile hitch system allows attaching any adapter with no need for additional or replacement parts. The distinguishing feature of the proprietary contour following system is that the contour following functionality is supported in longitudinal and transverse directions by all adapters offered. The machines are equipped with a heavy-duty hitch allowing the windrower draper cutter to be to operated with optional flotation wheels.

RUBBER ROLLERS ON GRASS MOWER 500

With the new conditioner unit equipped with rubber-covered rollers and herringbone ribs, the conditioning efficiency has increased by 34%.

FLOTATION WHEELS FOR DRAPER FLOW 900 WINDROWER DRAPER CUTTER (OPTION)

The wheels are designed to increase the operation speed in fields with low vegetation yield.

HIGH-POWER AND FUEL-EFFICIENT ENGINE

The combine is equipped with a state-of-the-art turbodiesel—YaMZ 534 (Stage IIIa)—an inline 4-cylinder 4.43-litre 180 HP block (132 kW @ 2 100 RPM). It offers a torque margin up to 20%. The engine electronics fully monitors its operation and feeds exactly the amount of fuel needed to match a given load—this minimises fuel consumption.

COMFORT CAB WITH ADVISER II INFORMATION SYSTEM

The mower is equipped with the Comfort Cab. The air conditioning and heating system is basic. You will enjoy the comfort that will really allow you to work efficiently with less strain and fatigue all throughout the shift. The Adviser voice information system continuously monitors the operation of the mower components, making it possible to monitor the process stability and prevent damage to the units.

