

«SUNFLOROMASH» AGRICULTURAL MACHINERY MANUFACTURER

Product catalogue

SUNFLOROMASH.COM



About us



Who we are?

SunfloroMash Machine-Building Plant is Ukraine's leader in the development and manufacture of European-quality agricultural machinery for harvesting and auxiliary processes in agricultural production.



About us in figures

Production experience since 2010

Production area
4000 sq.m

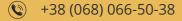
Number of employees 100 people

Product range

30 basic models of equipment and 300 items of spare parts

Dealer network 20 dealers in Ukraine and Europe

Customers more than 1,000 satisfied customers



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«Sunfloro Optimo» sunflower header



The «Sunfloro Optimo» sunflower header is an improved model of a solid-cut sunflower header with a toothed pulling shaft. Thanks to the pulling shaft, only sunflower heads get in the combine, and not excess leafy mass. The model features simple design, high reliability and productivity at an affordable price. High performance is achieved due to the increased width and center distances of the crop lifters and the installation of a pulling shaft. This allows harvesting sunflower in any direction and with any row spacing. «Sunfloro Optimo» headers guarantee a clean harvest due to 100 % cutting of sunflower heads with a minimum amount of leafy material. Sunfloro Optimo headers are the benchmark for reliability in the international agricultural machinery market.

The «Sunfloro Optimo» header can be adapted to any brands of combine harvesters.

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Design benefits of the «Sunfloro Optimo» header



Toothed pulling shaft

Increases the performance of the header compared to models without a pulling shaft. The pulling shaft allows capturing only the sunflower heads, while leaves, stalks and weeds remain uncut on the ground.



Efficient cutting device

The use of simplified and efficient drive and cutting system components minimizes wear and tear on parts and reduces maintenance time.



Planetary drive of the cutter device

The planetary gearbox (MBD) improves the quality of the cut due to the increased frequency of movement of the cutter device blades. The planetary gearbox is significantly lighter than the MSC blade drive, which reduces the weight of the device and vibrations during operation.

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Design benefits of the «Sunfloro Optimo» header



Easy maintenance

The header drive has a simple system of adjustments that can be performed by the operator before going to the field or directly in the field.



Original shape of the crop lifters

The prismatic shape allows them to easily penetrate the crop and separate it while maintaining the vertical position of the stalks. The pallet-like shape of the crop lifters allows collecting seeds that have fallen out of the heads together with the fallen heads. Due to the inclination of the crop lifters (5° to the horizon at the nominal position of the header), the stalks fall to the bottom of the header.



Adjustable distance between the lifters

Due to the adjustable distance between the guides, the header can be used to harvest sunflower with different head sizes depending on the variety.

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Specifications of the «Sunfloro Optimo» header

Parameters	Sunfloro Optimo 6	Sunfloro Optimo 7.4	Sunfloro Optimo 9.2
Lifter width, mm	176 mm	176 mm	176 mm
Tray length	1390 mm	1390 mm	1390 mm
Gap between the trays adjustable	25-65 mm	25-65 mm	25-65 mm
Distance between the trays	229 mm	229 mm	229 mm
Cutterbar double stroke count	640-950 per minute	850-950 per minute	850-950 per minute
Diameter of the auger	540 mm	540 mm	540 mm
Number of auger turns	170-190 per min	170-190 per min	170-190 per min
Number of reel turns	55-67 per min	55-67 per min	55-67 per min
Header weight w/o attachment frame	1845 kg	2325 kg	2695 kg
Dimensions (width, length, height)	6390x2260x1195 mm	7790x2260x1195 mm	9490x2260x1195 mm

The header can be adapted to all known brands of combine harvesters.

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«Sunfloro Shaft» sunflower header



The «Sunfloro Shaft» sunflower header is an improved model of a solid-cut header designed for harvesting sunflower in severe conditions. Thanks to the increased length and width of the crop lifters and the presence of a pulling shaft, the header allows harvesting confectionery small-head sunflower seeds as well as fallen sunflower heads. The model features simple design, high reliability and performance at an affordable price. The technical solutions used allow harvesting sunflower in any direction and with different row spacing. Sunfloro Shaft headers guarantee a clean harvest due to 100 % cutting of sunflower heads with a minimum amount of leafy material. Sunfloro Shaft headers are the benchmark for reliability and quality in the international agricultural machinery market.

The «Sunfloro Shaft» header can be adapted to any brands of combine harvesters.

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Design benefits of the «Sunfloro Shaft» header



Increased length and width of the crop lifters

Due to the increased length and width of the crop lifters, the header allows harvesting sunflower seeds with small heads. The pallet-like shape of the crop lifters allows collecting seeds that have fallen out of the heads together with the fallen heads. Due to the inclination of the crop lifters (5° to the horizon at the nominal position of the header), the stalks fall to the bottom of the header.



Efficient cutting device

The use of simplified and efficient drive and cutting system components minimizes wear and tear on parts and reduces maintenance time.



Planetary drive of the cutter device

The planetary gearbox (MBD) improves the quality of the cut due to the increased frequency of movement of the cutter device blades. The planetary gearbox is significantly lighter than the MSC blade drive, which reduces the weight of the device and vibrations during operation.

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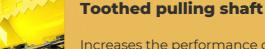


Design benefits of the «Sunfloro Shaft» header



Easy maintenance

The header drive has a simple system of adjustments that can be performed by the operator before going to the field or directly in the field.



Increases the performance of the header compared to models without a pulling shaft. The pulling shaft allows capturing only the sunflower heads, while leaves, stalks and weeds remain uncut on the ground.



Adjustable distance between the lifters

Due to the adjustable distance between the guides, the header can be used to harvest sunflower with different head sizes depending on the variety.

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Specifications of the «Sunfloro Shaft» header

Parameters	Sunfloro Shaft 6	Sunfloro Shaft 7.4	Sunfloro Shaft 9.2
Cutting width	6 m (as 9 rows)	7,4 m (as 11 rows)	9,2 m (as 13 rows)
Crop lifter width	240 mm	240 mm	240 mm
Crop lifter length	1870 mm	1870 mm	1870 mm
Зазор між стеблопідіймачами	25-65 mm	25-65 mm	25-65 mm
Cutterbar double stroke count	640-850 per minute	640-850 per minute	640-850 per minute
Header weight w/o attachment frame	1995 кг	2530 кг	2825 кг

The header can be adapted to all known brands of combine harvesters.

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«Sunfloro Light» sunflower header



The «Sunfloro Light» sunflower header is a premium multi-purpose sunflower header suitable for powerful combine harvesters.

For example, the model with a cutting width of 11.3 meters is perfect for continuous sowing, field mowing and non-standard row spacing, and also copes well with sunflower row spacing of 70 cm. This balance allows for efficient use of the combine and reduces the financial costs of farmers. The use of components from leading European manufacturers such as Schumacher, SNR, SATI puts the «Sunfloro Light» header on a level with the products from the world's leading manufacturers, but at a more affordable price.

«Sunfloro Light» headers guarantee a clean harvest due to 100 % cutting of sunflower heads with a minimum amount of leafy material.

The «Sunfloro Light» header can be adapted to any brands of combine harvesters.

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Design benefits of the «Sunfloro Light» header



Pulling shaft with protection system

The individual sections of the pulling shaft are connected by shear bolts. Together with the overload clutch, this provides protection against the destruction of the entire mechanism in the event of an emergency caused by foreign objects falling under the shaft. The shaft sections can be galvanized on request.



Efficient cutting device

The «Sunfloro Light» sunflower header is equipped with a German original gearbox and the Schumacher Pro-Drive cutting system. The Pro-Gut 7 tpi cutter segment paired with a double shear finger ensures high-quality cutting of sunflower stalks of both hybrid and confectionery varieties, even in high humidity.



Reliable kinematics

The header is equipped with original bearing units from the French company SNR. The drive of the auger and reel is autonomous, equipped with a safety adjustable friction clutch of the original design. The sprockets are made of imported cemented steel of grade 20crs4, which is hardened to HRC 55.

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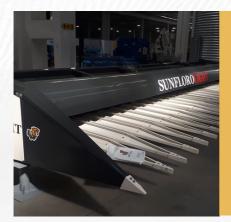


Design benefits of the «Sunfloro Light» header



Two-sided drive from propeller shafts

The two-sided drive from the propeller shafts (auger and gearbox on the right, reel and pulling shaft on the left) made it possible to distribute the load symmetrically, reducing the load on the combine PTO shaft.



Original shape of the crop lifters

The 188 cm crop lifters ensure even distribution of the stalks along the guides. The approach angle of the crop lifters has been adjusted to 5° (10° for analogues), which ensures an optimal sunflower harvesting process. Adjustable guide clearance of 28 to 65 mm allows harvesting even small sunflowers with minimal losses.



Adjustable distance between the lifters

Adjustable guide clearance of 28 to 65 mm allows harvesting even small sunflowers with minimal losses. The crop lifters are equipped with removable galvanized tips that serve to separate the sunflower stalks more gently and protect them from being buried in the soil when harvesting fallen sunflower.

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Specifications of the «Sunfloro Light» header

Parameters	Sunfloro Light-8,5	Sunfloro Light-9,9	Sunfloro Light-11,3
Cutting width by point axes	8500 mm	9900 mm	11300 mm
Number of rows to be cut	12	14	16
Crop lifter length	1880 mm	1880 mm	1880 mm
Crop lifter width	290 mm	290 mm	290 mm
Adjustable gap between trays	28-65 mm	28-65 mm	28-65 mm
Cutterbar double stroke count	640 per minute	640 per minute	640 per minute
Max. productivity	to 10 ha/h	to 11,8 ha/h	to 13,5 ha/h
Recommended working speed	to 12 km/h	to 12 km/h	to 12 km/h
Header weight (w/o adapter)	2500 kg	2800 kg	3100 kg

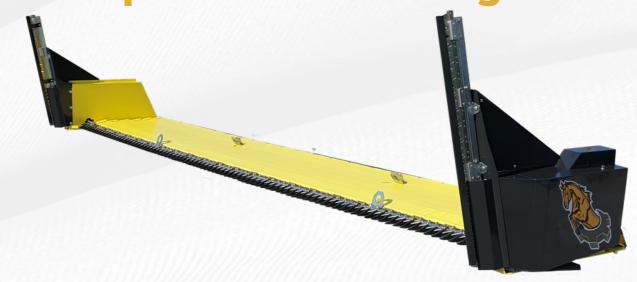
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«Rape Fiore» header extension for rape seed harvesting





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The «Rape Fiore» header extension for rape seed harvesting is used for harvesting rape seed and mustard by direct combining through refitting of a standard grain header.

The header extension for rape seed harvesting works in conjunction with direct-flow auger grain headers with a cutting width of 5 to 12 m from any manufacturer.

The use of the header extension reduces harvesting losses by 30 % compared to conventional grain headers.

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Design benefits of the «Rape Fiore» attachment



Rigid frame design

This is achieved by using a special bent sheet metal profile and transverse stiffeners made of high-strength steel.



High-quality blade strip

The use of a high-quality spring steel blade strip together with lightweight stamped-welded fingers reduces the load and weight of the cutting device.



Rolmetal planetary blade drive

This gearbox increases the cutting frequency of horizontal and vertical blades by 200-300 double strokes per minute. The planetary gearbox is much lighter than the MSC blade drive, which reduces the weight of the extension and aligns the balance.

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Design benefits of the «Rape Fiore» attachment



Easy maintenance

The complete absence of hydraulics and transmission gears simplifies maintenance and reduces the weight of the extension. The blades of the right active divider are driven by the main horizontal blade. If necessary, the right-hand divider can be easily disconnected.



Double active divider blades and effective tilt angle

The side divider of the header extension for rape seed harvesting consists of two active blades. This ensures a high quality cut of the plant due to the increased cutting frequency without additional expensive hydraulic or electric dividers. The active side divider of the extension has been tilted by 10° forward relative to the combine. This reduces the amount of rape seed and mustard seeds that spill onto the soil.



Rape seed trap

The horizontal plane of the extension has a trap in the form of a bent metal profile, which prevents rape seed and mustard seeds from spilling out in the opposite direction. The trap reduces up to 3 % of losses during conventional harvesting and up to 10 % during harvesting of fallen or stunted rape seed and mustard.

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Specifications of the «Rape Fiore» attachment

Parameters	Value
Cutting width	from 5 to 12 m
Working speed	to 10 km/h
Transportation speed	to 20 km/h
Productivity	Depends on the combine harvester and the cutting width of the header
Cutting height	On the combine from the angle of attack of the grain head
Platform width	450-700 mm (depends on the header)
Cutterbar double stroke count	550-670 per minute
Weight	350-950 kg (depends on cutting width)
Gearbox type	Rolmetal planetary blade drive (Poland)

The cutting width of the «Rape Fiore» can be adjusted individually to suit the width of the grain header.

The device is suitable for all well-known brands of grain headers.

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«Ettaro» soybean and pea attachment





The «Ettaro» attachment is used for harvesting soybeans, peas and other legumes by direct combining through refitting of a standard grain header.

The «Ettaro» attachment works in conjunction with direct-flow auger grain headers with a cutting width of 5 to 9 meters from any manufacturer.

The use of the «Ettaro» attachment reduces legume harvesting losses by up to 30% compared to conventional grain headers.

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Design benefits of the «Ettaro» attachment



Automatic following of the field contours and protection against foreign objects

This is achieved by using special guides that slide over the field surface at a predetermined adjustable height. Wearresistant friction polymer coating prevents sticking of soil and plant residues when working on wet fields. The presence of special cleaners prevents stones or other foreign objects from entering the combine.



Floating cutting device

The customized steel grade and sophisticated design allow the cutter device to bend up to 10 cm. This ensures a low cutting height within the agrotechnical requirements and helps to reduce losses and increase the gross yield of legumes by 20-35 %.



Schumacher planetary blade drive

This gearbox accelerates the cutting of legumes by increasing the number of double blade strokes by 200-300 strokes per minute. The planetary gearbox is significantly lighter than the MSC blade drive, which reduces the weight of the attachment and makes sure the device is balanced.

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Specifications of the «Ettaro» attachment

Parameters	Value
Cutting width	from 5 to 9 m
Weight (depending on width)	500-700 kg
Adjustable range of cutting height	10-100 mm
Recommended driving speed during harvesting	5 km/h
Average productivity at 5 km/h	3,35 ha/h

The width of the «Ettaro» attachment is adjusted individually, depending on the grain header width.

The device is suitable for all well-known brands of grain headers.

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«Flora Corn 870» corn header



The «Flora Corn 870» corn header is an efficient, high-performance model of an 8row corn header with a row spacing of 70 cm. A distinctive feature of the «Flora Corn» corn header is its gentle interaction with the crop, which reduces the loss of corn grain in the field. The main advantages of the «Flora Corn» corn header are its low weight, durability and operational reliability.

The «Flora Corn» header can be adapted to any brand of combine harvesters.

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Design benefits of the «Flora Corn 870» corn header



Adjustable channel width for different cob sizes

The header passages are equipped with channel width control mechanisms that can be adjusted by the operator to suit different sizes of corn cobs directly from the combine cab.



Reliable drive

The central drive of the header is located in a maintenancefree oil bath. The bath has nozzles to reduce excessive pressure during operation. Unlike the majority of producers, our header does not have drip lubrication which is less effective, and due to full tightness of side shields, no dirt and plant material gets into the drive part.



Rollers for efficient stalk penetration

The header passages are equipped with high-quality rollers with five slats, which ensure efficient crushing and transportation of stalks. The simple design of the rollers does not require maintenance and sharpening of the blades as is the case with knife rollers.

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Design benefits of the «Flora Corn 870» corn header



No cobs falling out of the header

Robust silicone inserts between and over the header hoods prevent the corn cobs from falling out of the header.



Feed auger with large diameter coils

The feed auger with large diameter coils ensures a continuous flow of plant material into the feed elevator of the combine and maximum loading of combine harvesters.



Efficient location of the stalk chopper

Stalk chopper location in the heading zone allows for highquality chopping of the entire stalk to the very root and turning it into mulch, which decomposes over the winter. There is no need for additional disk header runs, which significantly reduces the costs. High rotational speed of the rollers prevents leafy material from winding up.

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Specifications of the «Flora Corn 870» corn header

Parameters	Value
Number of rows	8
Row spacing	70 cm
Frame type	Solid
Width	5,62 m
Productivity at 5-10 km/h	13-20 tons/h
Dimensions (width, length, height)	5770x2500x1250 mm
Weight with chopper	3200 kg

The header can be adapted to all known brands of combine harvesters.

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«Carrello» multipurpose singleaxle header trailer



The «Carrello» single-axle trailer is designed for transportation of any type of grain headers weighing up to 3.1 tons and with a cutting width of up to 9.2 m on dirt roads and public roads aggregated with a combine.

The main advantage of the «Carrello» trailer is its versatility and affordability. This is achieved through simple design and various adjustments of the support for the correct seating place for the header rake, which is mounted on the frame.

The solutions allow adjusting and transporting grain, sunflower, corn and other types of headers, which are aggregated with imported and domestic combines or other self-propelled power units.

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Design benefits of the «Carrello» header trailer



High stability

Thanks to the twin wheel sets, the trailer features high transportation stability on all types of roads.



Convenience of removing and hitching the header

In the parking lot, the trailer is used as an auxiliary tool for attaching/removing the header to/from the combine harvester.



Rigid frame design

Thanks to the use of U-shaped metal profiles, the frame structure is rigid enough to transport headers of the appropriate weight and width.

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Design benefits of the «Carrello» header trailer



Compliance with transportation regulations

The trailer is equipped with marker lights, turn signals, and a brake light, which makes sure it is safe to use on public roads in accordance with the current rules and regulations.



Simple design and affordable price

The trailer is easy to maintain and operate, which allows setting the most affordable price among its counterparts.



Versatility and economy

A large number of adjustments allow the trailer to be used for a large number of different header models. Therefore, there is no need to purchase a trailer for each header type separately, which saves money.

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Specifications of the «Carrello» header trailer

Parameters	Carrello-6,7	Carrello-6,7-01	Carrello-7,6	Carrello-7,6-01
Load lifting capacity	3 tons	3 tons	3 tons	3 tons
Number of supports	2	2 reinforced	4	4 reinforced
Length	10187 mm	10187 mm	11737 mm	11737 mm
Width	2475 mm	2475 mm	2475 mm	2475 mm
Height	1292 mm	1292 mm	1292 mm	1292 mm
Weight	1006 kg	1014 kg	1104 kg	1315 kg

The trailer can be adapted to most types of domestic and foreign grain headers.

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«Carrello 2 Axes» multipurpose dual-axle header trailer



The «Carrello 2 Axes» dual-axle trailer is designed for transportation of any type of grain headers weighing up to 5 tons and with a cutting width of up to 12 m on dirt roads and public roads aggregated with a combine.

The main advantage of the «Carrello 2 Axes» trailer is its versatility and high maneuverability. This is achieved through various adjustments of the support for the correct seating place for the header rake, which is mounted on the frame. These adjustments allow the trailer to be properly aligned with the header stiffeners.

The solutions allow adjusting and transporting grain (including combing), sunflower (row and rowless), corn and other types of headers, which are aggregated with imported and domestic combines or other self-propelled power units.

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Design benefits of the «Carrello 2 Axes» header trailer



High maneuverability

The trailer provides the ability to move forward and backward as part of the vehicle.



Convenience of removing and hitching the header

In the parking lot, the trailer is used as an auxiliary tool for attaching/removing the header to/from the combine.



Reinforced frame design

The frame is reinforced with high-strength thick-walled tubes.

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Design benefits of the «Carrello 2 Axes» header trailer



Ground contour tracking while driving

The front axle of the two-axial trailer is hinged and allows adjusting to the ground contours, reducing the load on the axle.



High transportation stability

The trailer structure is designed to provide high stability and steadiness when moving the headers on all types of roads.



Versatility and economy

A large number of adjustments allow the trailer to be used for a large number of different header models. Therefore, there is no need to purchase a trailer for each header type separately, which saves money.

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Specifications of the «Carrello 2 Axes» header trailer

Parameters	Carrello 2 - 7,6	Carrello 2 - 7,6-01	Carrello 2 - 9,2-01	Carrello 2 - 10,7
Load lifting capacity	3 tons	4,5 tons	4,5 tons	4,5 tons
Number of supports	2	4	4	4
Number of wheels	4	6	6	6
Length	12854 mm	12854 mm	14453 mm	16203 mm
Width	1294 mm	1294 mm	1294 mm	1294 mm
Rear axle track width	2465 mm	2480 mm	2480 mm	2480 mm
Front axle track width	1295 mm	1295 mm	1295 mm	1295 mm
Weight	1396 kg	1450 kg	1531 kg	1622 kg

The trailer can be adapted to most types of domestic and foreign grain headers.

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«Strong» front loader





The «Strong» front loader is a multi-purpose tool for attachment to class 1.4 tractors of domestic and foreign production. It perfectly handles the tasks of loading and unloading various fine materials, such as crushed stone, sand, gravel, as well as bulky and single-piece loads.

The «Strong» front loader is also in demand in agriculture for loading, unloading and transportation of fertilizers, grain, feed, and manure. In winter, the loader is perfect for cleaning snow.

The Strong front loader can be mounted on any class 1.4 tractor with an engine power of up to 120 hp.

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Design benefits of the «Strong» front loader



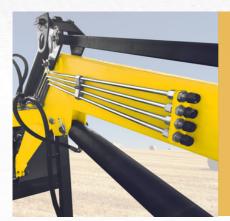
Rigid frame construction

Designed to withstand heavy loads thanks to a minimum of mechanical joints. The polymer three-component coating of the frame with a thickness of up to 80 microns reliably protects it from corrosion and allows working in severe weather conditions and aggressive environments.



Quick mounting and dismounting

Well-arranged connections for quick hitching (unhitching) of the arm and working tool replacement.



Hydraulic system from European manufacturers

The «Strong» loader is equipped with hydraulic elements from leading European manufacturers. This greatly improves the reliability of the loader, reduces repair and maintenance costs and increases the speed of the hydraulics.

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Design benefits of the «Strong» front loader



Wide range of attachments

The loader can be equipped with a bucket, forks and a hook for Big Bags. Additional working tools can be manufactured on request to meet the customer's needs.



Adaptation to any class 1.4 tractor

We can adapt the loader to any class 1.4 tractor of domestic and foreign brands.



Competitive arm height and bucket rotation angle

The loader can lift loads to a height of up to 4.5 meters and has a bucket rotation angle of up to 69°, which allows you to easily perform most loading and unloading operations.

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Specifications of the «Strong» front loader

Parameters	Value
Type of tractor for aggregation	class 1.4 up to 120 hp.
Type of loader	attached, frontal
Type of drive	hydraulic, from the tractor's hydraulic system
Maximum lifting height	4090 mm
Rated lifting capacity	1200 kg
Working speed	6 km/h
Transport speed	16 km/h
Maximum bucket rotation angle when unloading	60°
Bucket working width	2000 mm
Weight	730-920 kg (depending on the parameters of the operating tool)

The working tools parameters can be adjusted according to the customer's needs and tractor characteristics.

The basic parameters of the working tools are suitable for any tractor of 1.4 kN traction class and engine power of up to 120 hp.

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«Sunpower» Max 1200 front loader



The «Sunpower» max 1200 front loader is a multi-purpose tool with improved characteristics for attachment to class 1.4 tractors of domestic and foreign production. It perfectly handles the tasks of loading and unloading various fine materials, such as crushed stone, sand, gravel, as well as single-piece and bulky loads.

The Sunpower front loader is in demand in agriculture for loading, unloading and transportation of fertilizers, grain, vegetables, fruits, feed, and manure.

In winter, the loader is perfect for cleaning snow.

The Sunpower max 1200 front loader can be mounted on any class 1.4 tractor with an engine power of up to 100 hp.

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Design benefits of the «Sunpower» Max 1200 front loader



Improved frame strength

Custom designed for lifting high loads. The polymer protective coating of the frame with a thickness of up to 80 microns reliably protects it from corrosion and allows working in severe weather conditions and aggressive environments.



Quick mounting and dismounting

Well-arranged connections for quick hitching (unhitching) of the arm and working tool replacement.



Hydraulic system from European manufacturers

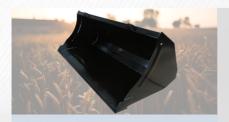
The «Sunpower» max 1200 loader is equipped with hydraulic elements from leading European manufacturers. This greatly improves the reliability of the loader, reduces repair and maintenance costs and increases the speed of the hydraulics.

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Design benefits of the «Sunpower» Max 1200 front loader



Wide range of attachments

The loader can be equipped with a bucket, forks and a hook for Big Bags. Additional working tools can be manufactured on request to meet the customer's needs.



Adaptation to any class 1.4 tractor

We can adapt the loader to any class 1.4 tractor of domestic and foreign brands.



Competitive arm height and bucket rotation angle

The loader can lift loads to a height of up to 4.5 meters and has a bucket rotation angle of up to 69°, which allows you to easily perform most loading and unloading operations.

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Specifications of the «Sunpower» Max 1200 front loader

Parameters	Value
Type of tractor for aggregation	class 1.4 up to 100 hp.
Type of loader	attached, frontal
Type of drive	hydraulic, from the tractor's hydraulic system
Maximum lifting height	4500 mm
Rated lifting capacity	1200 kg
Working speed	6 km/h
Transport speed	16 km/h
Maximum bucket rotation angle when unloading	69°
Bucket working width	2000 mm
Weight	730-920 kg (depending on the parameters of the operating tool)

The working tools parameters can be adjusted according to the customer's needs and tractor characteristics.

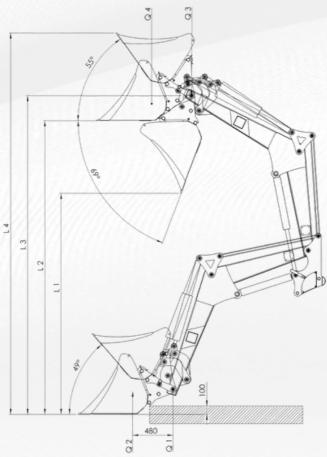
The basic parameters of the working tools are suitable for any tractor of 1.4 kN traction class and engine power of up to 100 hp.

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Specifications of the «Sunpower» Max 1200 front loader



Lifting height	Lifting capacity	
L1 – 2636 mm	Q1 – 1785 kg	
L2 – 3502 mm	Q2 – 1375 kg	
L3 – 3801 mm	Q3 – 1785 kg	
L4 – 4549 mm	Q4 – 1200 kg	
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