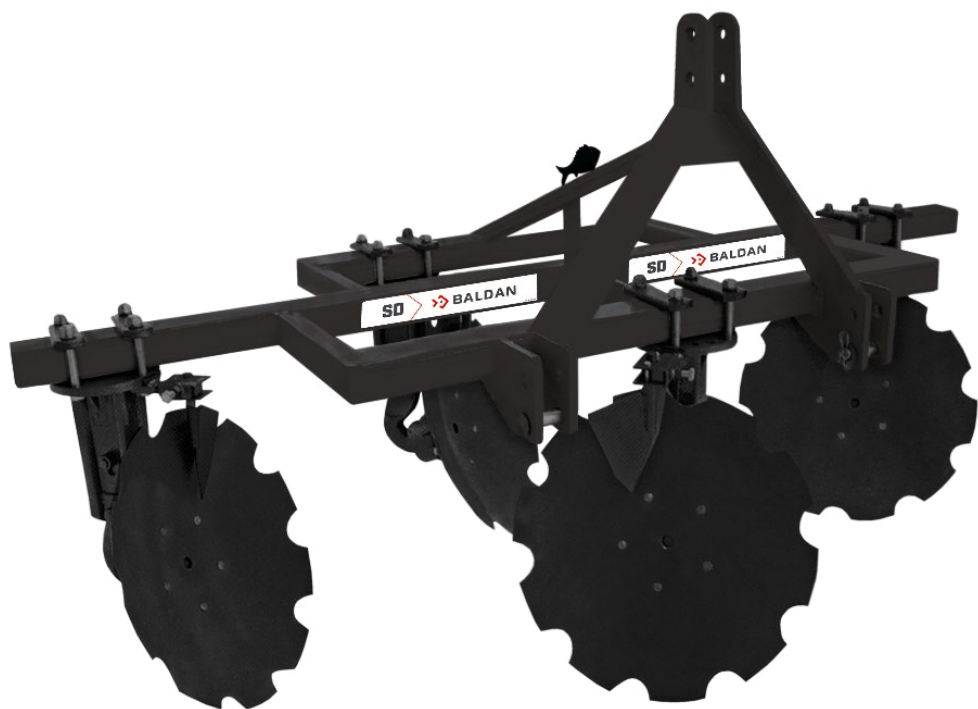


Instruction Manual



SD 02 and 04 discs
Hydraulic Disc Furrower

 **BALDAN**

■ Presentation

We appreciate the preference and would like to congratulate you for the excellent choice you just made, since you have acquired a product manufactured with **BALDAN**



IMPLEMENTOS AGRÍCOLAS S/A technology.

This manual will guide you through the procedures required since its acquisition until operational procedures of usage, safety and maintenance.

BALDAN assures that it has delivered this implement for resale in full and in perfect conditions.

Resale was responsible for the custody and maintenance during the period in its possession, and also for the assembly, retightening, lubrication and overhaul.

During the technical delivery, dealer should guide the user regarding maintenance, safety, their obligations in eventual technical assistance, strict compliance with the warranty term and reading the instructions manual.

Any technical assistance request while in warranty should be made to the dealer from whom you have purchased it.

We reiterate the need for a careful read of the warranty certificate and compliance of all items from this manual, because by doing so you will increase the life of your device.

Instruction Manual



SD 02 and 04 discs Hydraulic Disc Furrower

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.
CNPJ: 52.311.347/0009-06
Insc. Est.: 441.016.953.110



Scan the QR Code on the
identification plate of your
device and access this
Instruction Manual online.

 **BALDAN**

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▪ **Baldan Warranty**

BALDAN IMPLEMENTOS AGRÍCOLAS S/A ensures the dealer normal performance of the implement for a period of six (6) months as of the delivery date on the retail invoice to the first final consumer.

During this period, **BALDAN** undertakes to repair defects in material and/or of manufacture of its liability, including labor, freight and other expenses of the dealer's liability.

In the warranty period, request and replacement of eventual defective parts shall be made to the dealer of the area, who will submit the faulty piece to **BALDAN** analysis.

When this procedure is not possible and the resolving capacity of the dealer is exhausted, the dealer will request the support of **BALDAN** Technical Assistance through a specific form distributed to dealers.

After analyzing the replaced items by **BALDAN** Technical Assistance, and concluding that it is not a warranty, then the dealer will be responsible for the costs related to the replacement; as well as material expenses, travel including accommodation and meals, accessories, lubricant used and other expenses arising from the call out to Technical Assistance, and **BALDAN** company is authorized to carry the respective invoice in the name of the resale.

Any repairment carried in the product within the dealer warranty deadline will only be authorized by **BALDAN** upon previous budget presentation describing parts and workforce to be executed.

The product is excluded from this term if it is repaired or modified by representatives not belonging to the **BALDAN** dealer network, as well as the application of non-genuine parts or components to the user's product.

This warranty is void where it is found that the defect or damage is caused by improper use of the product, failure to follow instructions or inexperience of the operator.

It is agreed that this warranty does not cover tires, polyethylene tanks, cardan, hydraulic components, etc., which are equipment guaranteed by their manufacturers.

Manufacturing and/or material defects, object of this warranty term, will not constitute, under any circumstances, grounds for termination of a purchase agreement, or for indemnification of any nature.

BALDAN reserves the right to change and/or perfect the technical characteristics of its products, without previous notice, and without obligation to proceed in the same way with the products previously manufactured.

▪ General Information

• To the owner

BALDAN IMPLEMENTOS AGRÍCOLAS S/A is not responsible for any damaged caused by accident due to usage, transportation, or in the improper or incorrect transportation of its implement, whether by negligence and/or inexperience of any person.

Only people with complete knowledge of the tractor and the implement should carry their transportation and operation.

BALDAN is not responsible for any damaged caused in unpredictable or unrelated situations to the normal use of the implement.

The incorrect handling of this equipment may result in severe or fatal accidents. Before running the equipment, carefully read the instructions contained in this manual. Make sure that the person responsible for the operation is instructed as the correct and safe handling. Also make sure that the operator has read and understood the instructions manual of the product.

ATTENTION

NR-31 - SAFETY AND HEALTH AT WORK IN AGRICULTURE, LIVESTOCK FARMING, FORESTRY, FOREST EXPLORATION AND AQUACULTURE.

This Regulatory Standard has the purpose of establishing precepts to be observed in the organization and work environment, compatible to the planning and development of agriculture, livestock, forestry, forest exploitation and aquaculture with safety and health and work environment.

MR. OWNER OR OPERATOR OF THE EQUIPMENT.
Read and carefully comply with provisions of NR-31.

For more information, refer to the site and read NR-31 in full.
<http://portal.mte.gov.br/legislacao/normas-regulamentadoras-1.htm>

▪ Safety rules

- To the operator



THIS SYMBOL INDICATES IMPORTANT SAFETY WARNING. IN THIS MANUAL, WHENEVER YOU FIND IT, READ THE FOLLOWING MESSAGE CAREFULLY AND PAY ATTENTION TO THE POSSIBILITY OF PERSONAL ACCIDENTS.



ATTENTION



Carefully read the instructions manual to learn about the recommended safety practices.



ATTENTION



Only start to operate the tractor when you are properly seated and with the seat belt locked.



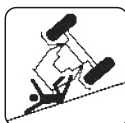
ATTENTION



Do not transport people on the tractor or over the equipment.



ATTENTION



There are risks of severe injuries due to tipping when working in sloped terrains. Do not over speed.



ATTENTION



Do not work with the tractor if the front has insufficient ballast to the rear equipment. Should there be a trend to lift, add weights or ballasts to the front or the front wheels.



ATTENTION



Before performing any maintenance in your equipment, make sure it is properly stopped. Avoid being run over.

▪ Safety rules

! ATTENTION FOLLOW ALL RECOMMENDATIONS, WARNINGS, AND RECOMMENDED SAFETY PRACTICES IN THIS MANUAL, UNDERSTAND THE IMPORTANCE OF YOUR SAFETY. ACCIDENTS MAY CAUSE DISABILITY OR EVEN DEATH. REMEMBER, ACCIDENTS CAN BE AVOIDED!

! ATTENTION



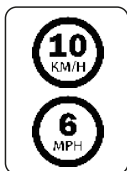
Do not make adjustments while the SD is running. When doing any work on the SD, first turn off the tractor. Use appropriate tools.

! ATTENTION



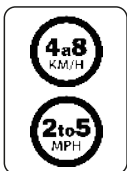
Always keep access and work places clean, such as from oil or grease, as they may cause accidents.

! ATTENTION



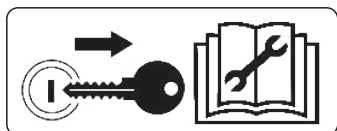
For greater efficiency in the transport of the SD, do not exceed the speed of 10 Km/h or 6 MPH, avoiding the risk of damage and accidents.

! ATTENTION



For greater efficiency and safety, work with the SD at a speed of 4 to 8 km/h or 2 to 5 MPH, avoiding the risk of damage and accidents.

! ATTENTION



Remove the ignition key before performing any maintenance on the SD. Protect yourself from possible injury or death caused by an unexpected departure from the SD. If the SD is not properly engaged, do not start the tractor.

! ATTENTION



Always stay away from the active elements of the SD (discs), they are sharp and can cause accidents.

When servicing discs, wear safety gloves.

▪ Safety rules**ATTENTION**

Be careful when handling the SD support foot, as there is a risk of accidents.

**ATTENTION**

Before starting work or transporting the SD, check for people or obstructions near the SD.

**ATTENTION**

Improper waste disposal affects the environment and ecology as it will pollute rivers, canals, or the soil.

Find out how to properly recycle or dispose of waste.

PROTECT THE ENVIRONMENT!

▪ Safety rules

• PPE Equipment



DO NOT WORK WITH SD WITHOUT FIRST WEARING PPES (SAFETY EQUIPMENT). IGNORING THIS WARNING MAY CAUSE DAMAGES TO HEALTH, SEVERE ACCIDENTS OR DEATH.

When performing certain procedures with the SD, place the following Safety Equipment (PPE) below:



! IMPORTANT

The safety practice must be performed in all stages of working with the SD, thus avoiding accidents such as impact of objects, fall, noise, cuts and ergonomics, ie the person responsible for operating the SD is subject to internal and external damage to your body.

🔍 OBSERVATION

All PPEs (Safety Equipment) should have certificate of authenticity.



▪ Warnings

-  When operating with SD, do not allow people to remain too close or on top of it.
-  When servicing the machine, wear PPE.
-  Do not wear loose-fitting clothes, as they may get caught in the SD.
-  When starting the tractor engine, be properly seated in the operator's seat and aware of complete knowledge of correct and safe handling of both the tractor and the SD. Always put the shift lever in the neutral position, disconnect the control gear from the PTO and put the hydraulic controls in the neutral position.
-  Do not start the tractor engine indoors, without adequate ventilation, as the exhaust gases are harmful to health.
-  When maneuvering the tractor to engage the SD, make sure you have the necessary space and that there is no one very close, always do the maneuvers at idle and be prepared to brake in an emergency.
-  Do not make adjustments while the SD is running.
-  When working on slopes, be careful to always maintain the necessary stability. In the event of an imbalance start reduce the acceleration, turn the wheels to the side of the slope of the terrain and never raise the SD.
-  Always drive the tractor at safety compatible speeds, especially when working on rough or sloping terrain, always keep the tractor hitched.
-  When driving the tractor on roads, keep the brake pedals interconnected.
-  Do not work with the tractor with a light rear. If the rear tends to lift, add more weights to the rear wheels.
-  When leaving the tractor, shift to neutral and set the parking brake. Never leave the SD hitched to the tractor in the raised position of the hydraulic system.
-  Any and all maintenance on the SD must be done while it is parked and the tractor turned off.
-  Do not drive on highways, especially at night. Use warning signs all the way.
-  If it is necessary to travel with the SD on highways, consult the traffic agencies.
-  Do not allow the SD to be used by people who have not been trained, that is, who do not know how to operate it properly.
-  Do not transport or work with the SD near obstacles, rivers or streams.
-  Transporting people on self-propelled machines and implements is prohibited.
-  Changes to the original characteristics of the SD are not allowed, as they may alter safety, operation, and affect service life.
-  Read all safety information in this manual and in the SD carefully.

▪ Warnings

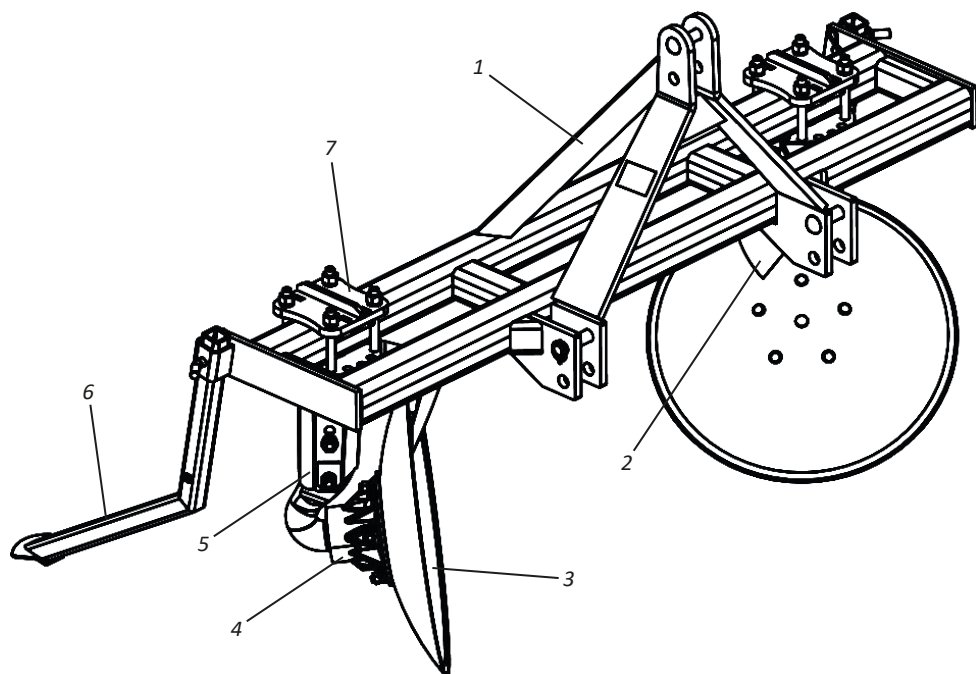
-  Read or explain all procedures in this manual to an operator who cannot read.
-  Always check that the SD is in perfect condition. In the event of any irregularity that may interfere with the operation of the SD, arrange for proper maintenance before any work or transport.
-  Maintenance and especially inspection in risk areas of the SD, must be carried out only by a trained or qualified worker, observing all safety guidelines. Before starting maintenance, disconnect all drive systems from the SD.
-  Periodically check all components of the SD before using it.
-  According to the equipment used and the working conditions in the country or in areas of maintenance, precautions are necessary. Baldan cannot directly control precautions, so it is the responsibility of the owner to put safety procedures into practice while working with SD.
-  Check the minimum tractor power recommended for each SD model. Only use tractors with power and ballast compatible with the load and terrain topography.
-  When transporting the SD, travel at speeds compatible with the terrain and never exceeding 16 km/h, this reduces maintenance and consequently increases the useful life of the SD.
-  Alcoholic beverages or some medications may cause loss of reflexes and change the operator's physical condition. Therefore, never operate the SD while using these substances.
-  Read or explain all procedures in this manual to a user who cannot read.

If in doubt, contact After Sales.
Telephone: 0800-152577 / E-mail: posvenda@baldan.com.br

▪ Components

• SD - Hydraulic Disc Furrower (02 Discs)

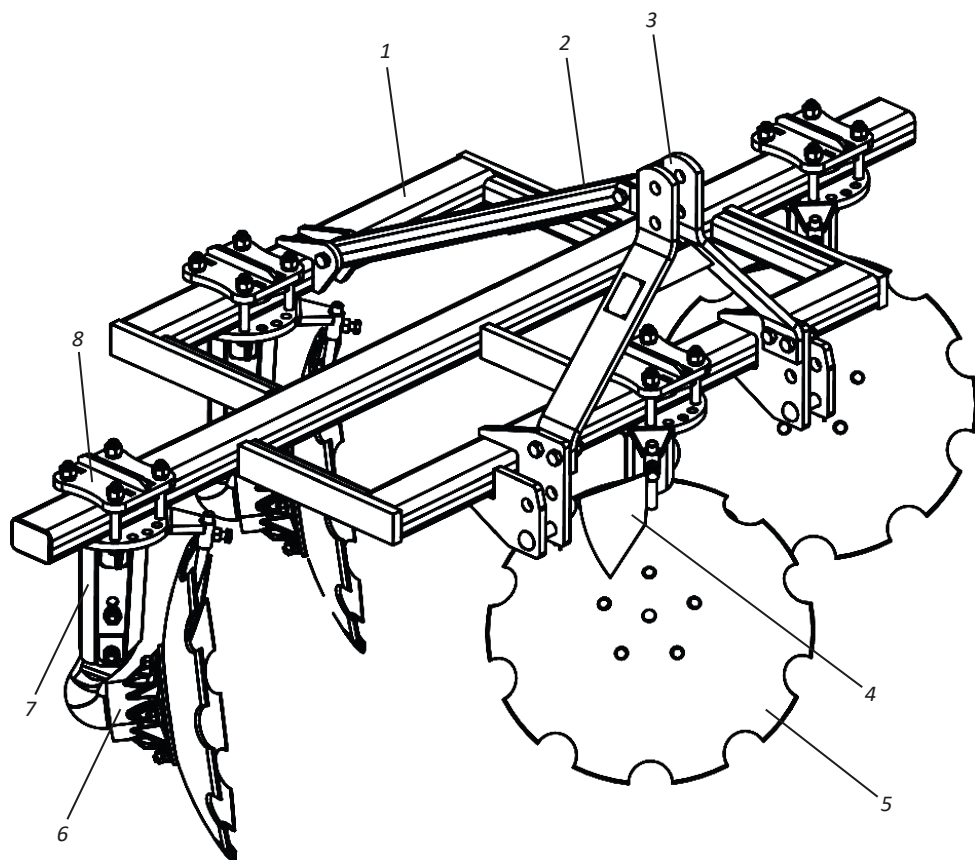
1. Frame
2. Wiper
3. Disc
4. Disc hub
5. Disc support
6. Support bracket
7. Mounting bracket



■ Components

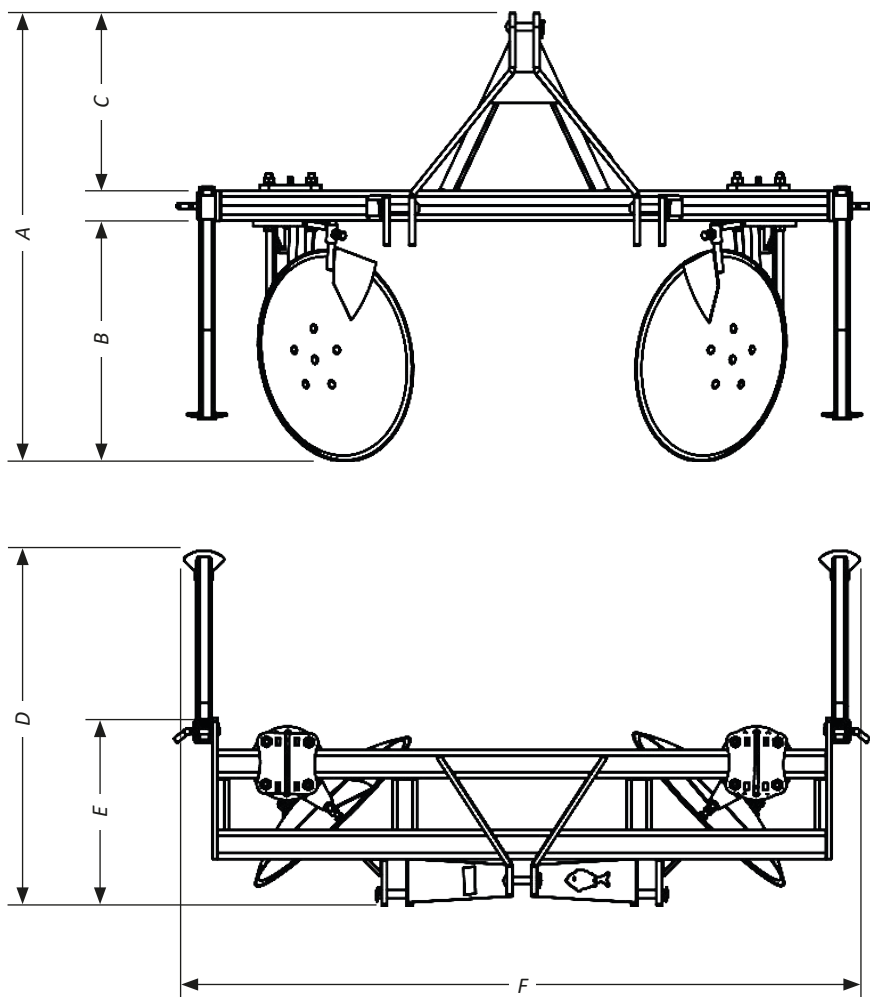
• SD - Hydraulic Disc Furrower (04 Discs)

1. Frame
2. Adjustment bar
3. Hitch header
4. Wiper
5. Disc
6. Disc hub
7. Disc support
8. Mounting bracket



▪ Dimensions

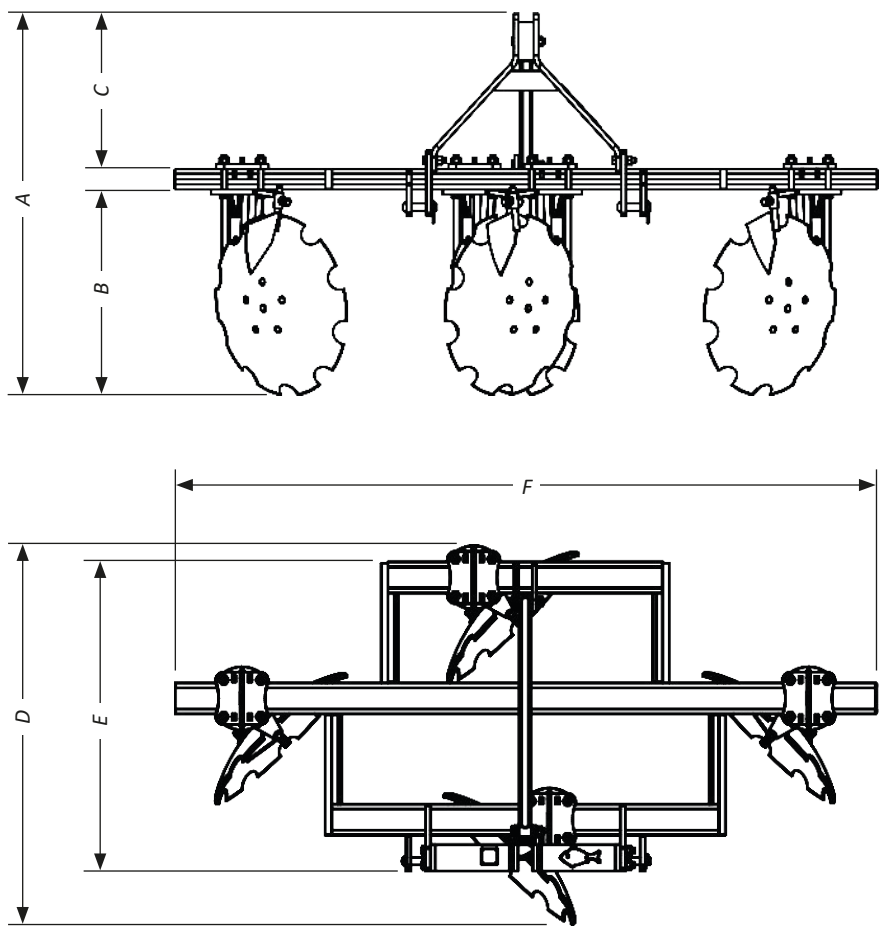
• SD - Hydraulic Disc Furrower (02 Discs)



Model	Nr of Discs	Measure A (mm)		Measure B (mm)		Measure C (mm)	Measure D (mm)	Measure E (mm)	Measure F (mm)
		26"	28"	26"	28"				
SD	2	1466	1491	775	800	590	1182	626	2249

▪ **Dimensions**

- SD - Hydraulic Disc Furrower (04 Discs)



Model	Nr of Discs	Measure A (mm)		Measure B (mm)		Measure C (mm)	Measure D (mm)	Measure E (mm)	Measure F (mm)
		26"	28"	26"	28"				
SD	4	1455	1480	772	797	587	1470	1200	2726

▪ Specifications

• SD - Hydraulic Disc Furrower

Model	Nr of Discs	Maximum distance between furrows (mm)	Estimate Weight (Kg)				Tractor Power (CV)
			Flat Discs		Cut Discs		
			26"	28"	26"	28"	
SD	2	1456	339	342	337	340	50 - 65
	4	1000	506	517	503	509	65 - 80

Disc diameter (ø) 26" - 28"
 Working Depth (mm) 330

*Baldan reserves the right to change and or improve the technical characteristics of its products without prior notice and without obligation to do so with previously manufactured products.
 Technical specifications are estimates and reported under normal working conditions.*

INTENDED USE OF THE SD

- The **SD** was developed with several spacing options for mechanized construction of a solid windrow and ridge up to 65 cm in height and variable width that can reach up to 130 cm, according to the need of the crop to be sown or planted.
- The **SD** must be driven and operated only by a properly instructed operator.

SD NOT ALLOWED USE

- To avoid damage, serious accident or death, DO NOT transport people over any part of the **SD**.
- It is NOT permitted to use the **SD** to couple, tow or push other attachments or accessories.
- The **SD** must NOT be used by an inexperienced operator who does not know all the driving, command and operation techniques.

▪ Mounting

The **SD** leaves the factory disassembled. To assemble it, follow the instructions below:

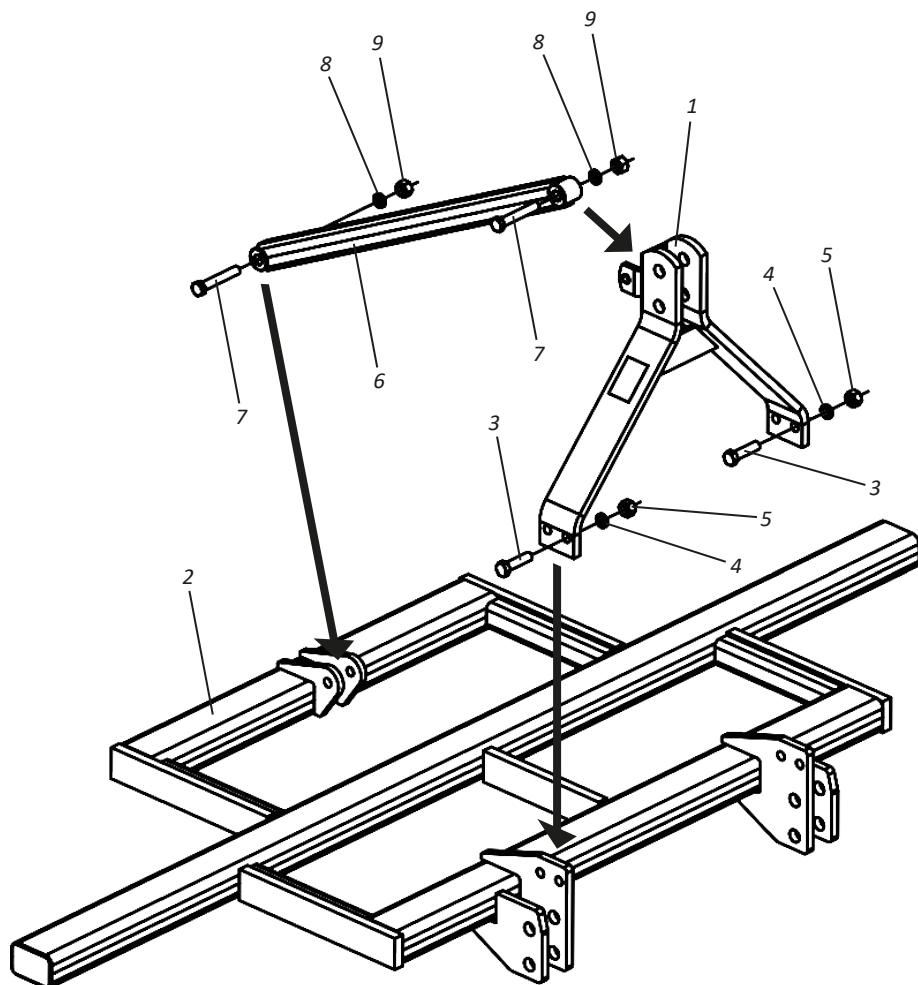
-  The **SD** must be assembled by the resale, through trained and qualified for that job.
-  Before starting to assemble the **SD**, find an ideal location where it will be easier to identify the parts and assembly.
-  Do not wear loose clothing, as they may get caught in the **SD**.
-  Use PPE (Safety Equipment).

▪ Mounting

• Mounting the hitch header (SD 04 discs)

To assemble the hitch header (1), proceed as follows:

- 01** - Attach the hitch header (1) to the frame (2) fastening through the screws (3), lock washers (4) and nuts (5).
- 02** - Then, attach the adjustment bar (6) to the frame (2) and to the header (1) fastening through the screws (7), lock washers (8) and nuts (9).

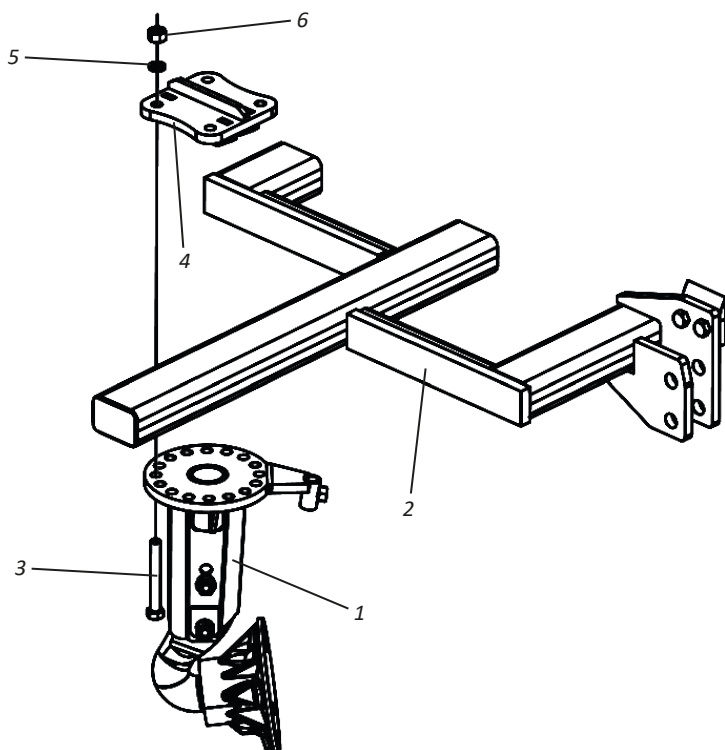


▪ **Mounting**

• **Mounting the disc holder (SD 02 and 04 discs) - Part I**

To mount the disc holder (1), proceed as follows:

- 01** - Couple the disc support (1) to the frame (2) fixing it using screws (3), bracket (4), flat washers (5) and nuts (6).



! ATTENTION

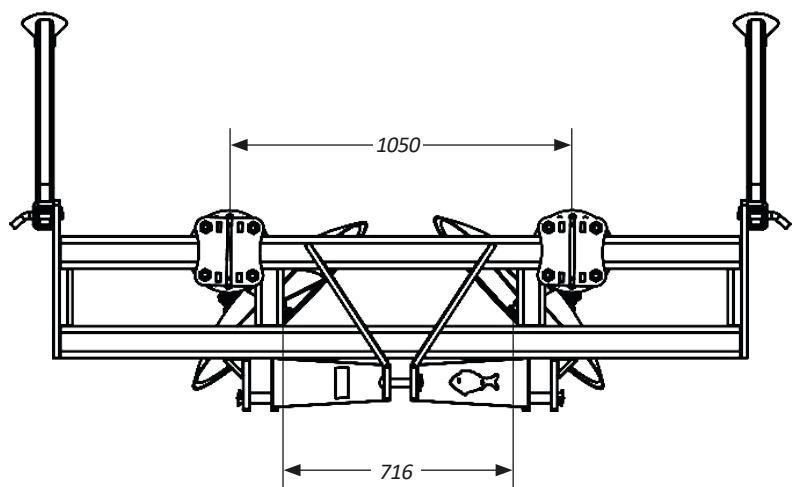
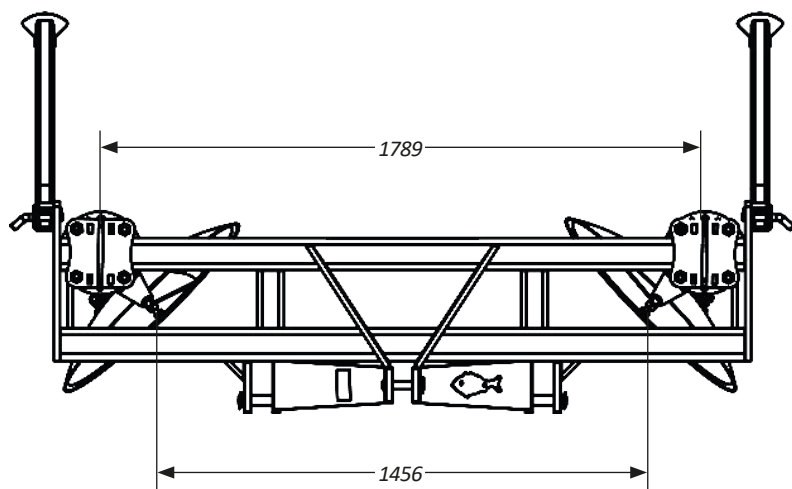
Check the following page for the correct mounting of the discs for each SD model.

! NOTE

Repeat this procedure to mount the other disc supports (1).

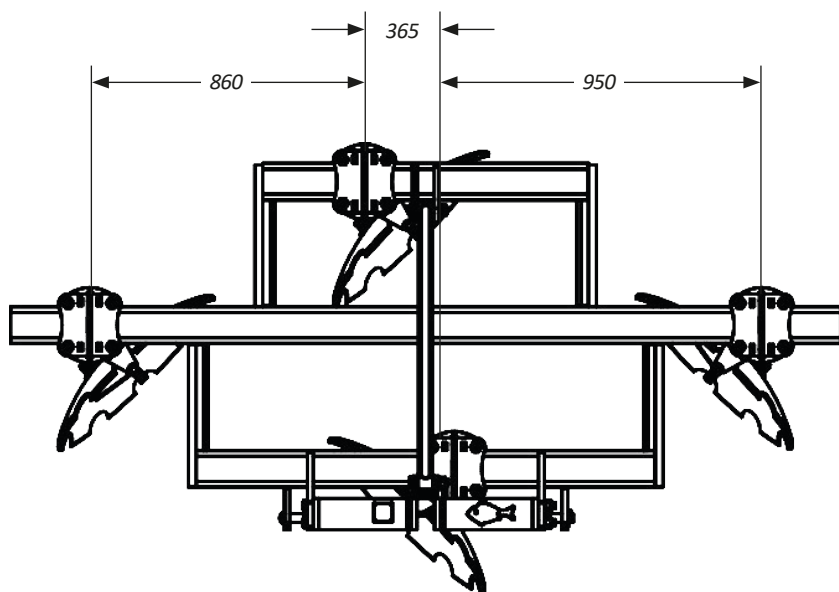
▪ Mounting

• Mounting the disc holder (SD 02 discs) - Part II



▪ Mounting

- Mounting the disc holder (SD 04 discs) - Part III

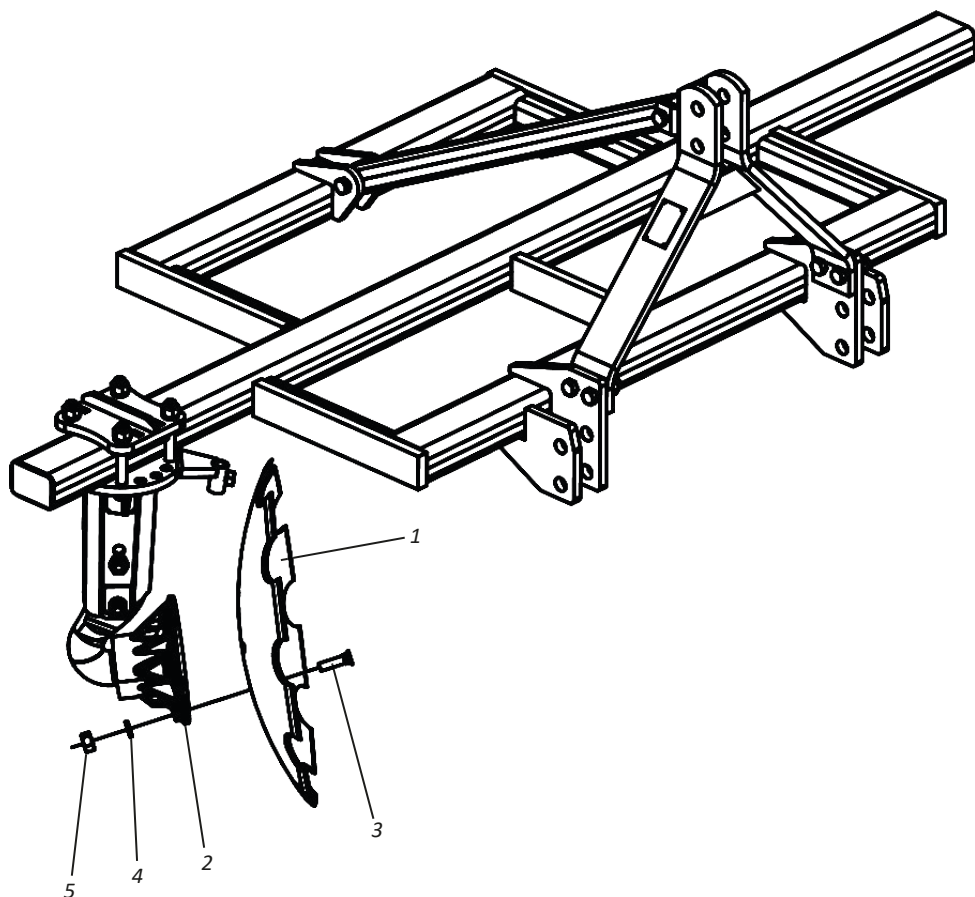


▪ Mounting

• Mounting the discs (SD 02 and 04 discs)

To mount the disc (1), proceed as follows:

- 01** - Attach the disc (1) to the disc hub (2), fastening through the screws (3), plates (4) flat washers (5) and nuts (6).



NOTE

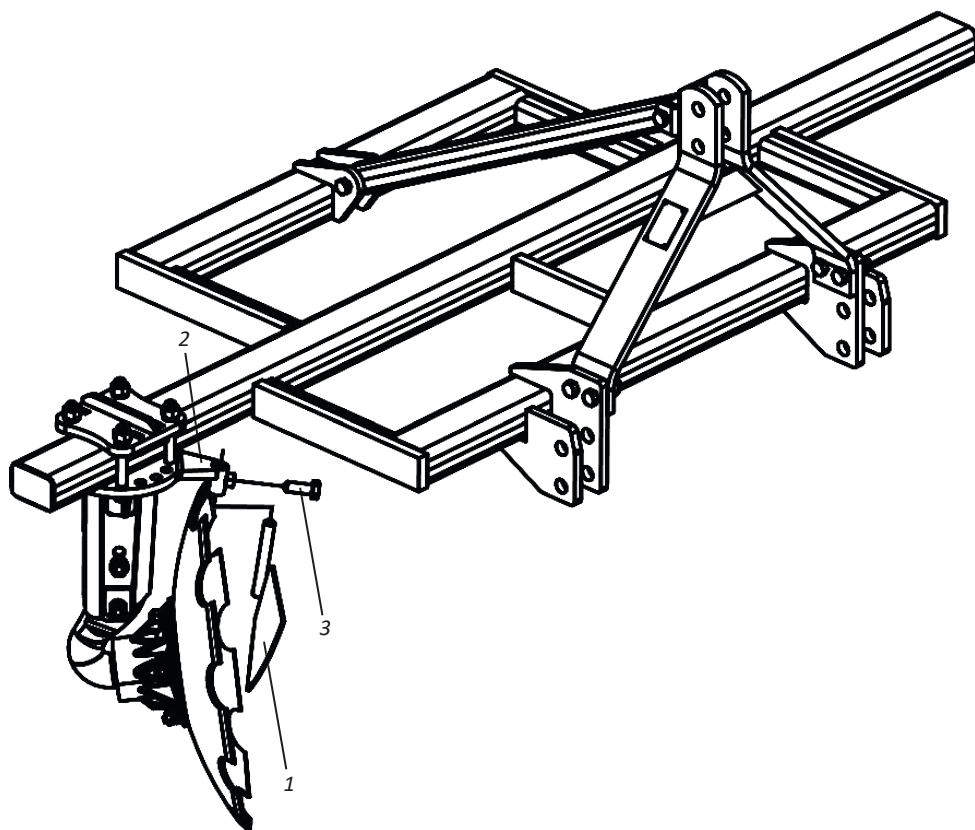
Repeat this procedure to mount the other discs.

▪ Mounting

- **Mounting the wiper (SD 02 and 04 discs)**

To mount the wiper (1), proceed as follows:

01 - Attach the wiper (1) to the disc holder (2) fixing it through the screw (3).



NOTE

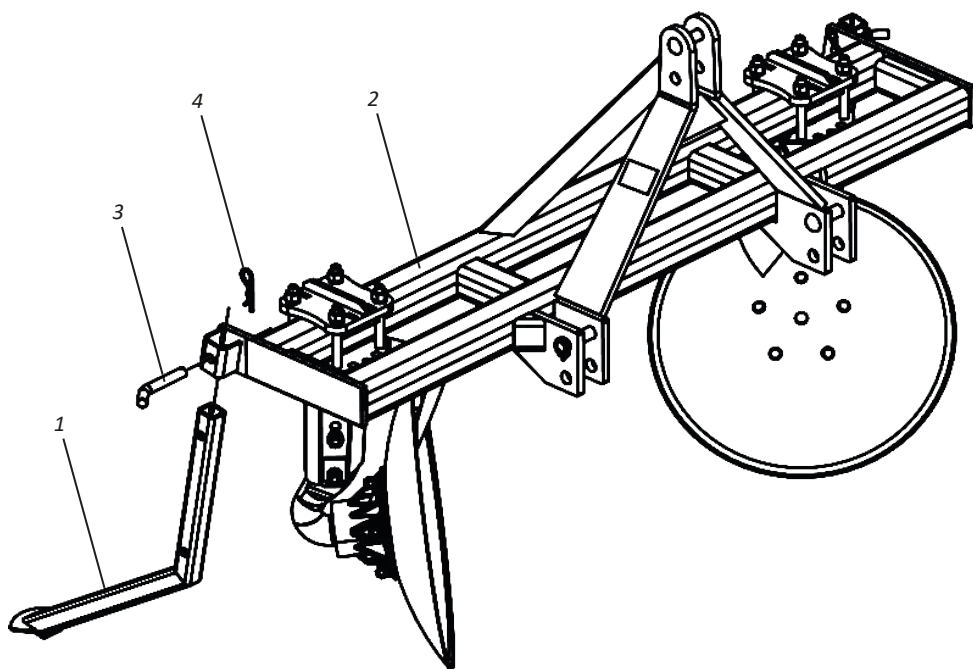
Repeat this procedure to mount the other wipers (1).

▪ Mounting

• Mounting the support bracket (SD 02 discs)

To mount the support bracket (1), proceed as follows:

01 - Couple the support bracket (1) on the frame (2) fixing it through the pin (3) and lock (4).



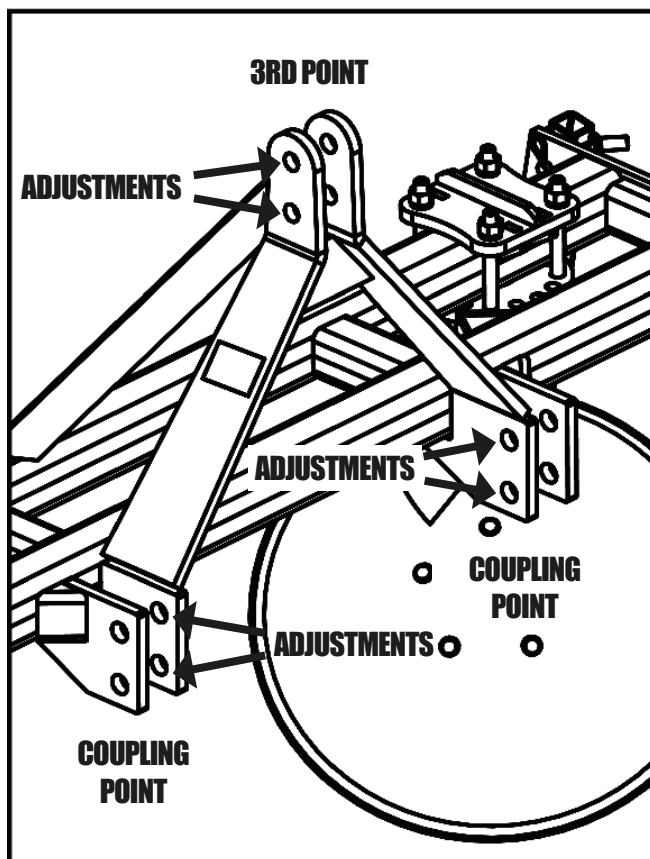
NOTE

Repeat this procedure to mount the other support bracket (1).

▪ Hitch

- Adjustments and coupling points (SD 02 and 04 discs)

The SD has two adjustments at each coupling point and at the 3rd point for better adjustment of the furrower to the tractor.



ATTENTION

When coupling the SD, check which setting best fits the tractor used.



NOTE

Observing the settings and the coupling points, connect the SD to the tractor according to the instructions on the following page.

▪ Hitch

• Hitch to the tractor (SD 02 and 04 discs)

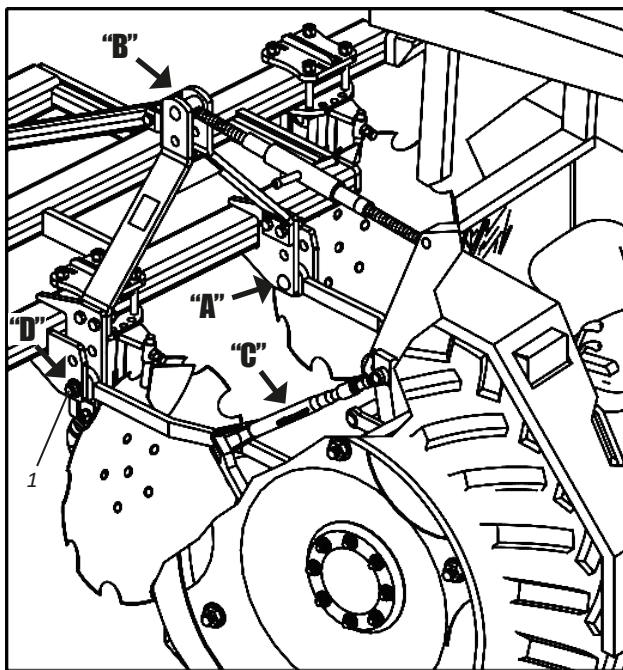
Before coupling the **SD**, check that the tractor is ready for the job, observing the following items:

Check that the tractor is equipped with a set of weights and ballast on the front or on the front wheels not to lift the tractor. The rear wheels will grant the tractor greater stability and traction on the ground.

- Adjust the lower arms eye of the tractor.

To couple the **SD**, proceed as follows:

- 01** - Slowly approach the furrow tractor in reverse, paying attention to the application of the brakes. Use the hydraulic position control lever when approaching the furrow, leaving the lower left arm at the furrow hitch level.
- 02** - Hitch the lower left arm of the tractor through the hitch pin (1) in support **"A"** of the furrower.
- 03** - Engage the 3rd point of the tractor on support **"B"** of the furrower.
- 04** - Finally, with the aid of the regulating lever **"C"**, engage the tractor's lower right link on the support **"D"** of the furrower.



ATTENTION

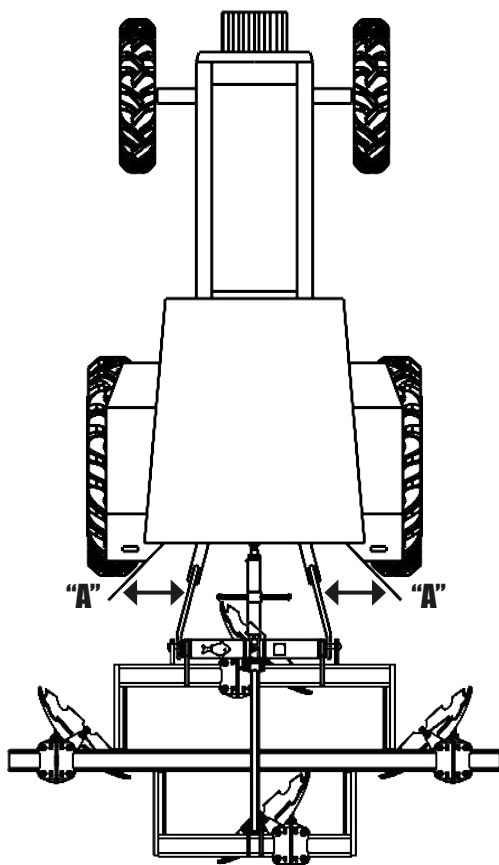
When engaging the **SD**, look for a safe and easily accessible place, always use reduced gear with low acceleration. Make sure that when relieving the tractor's hydraulics, no one is near the **SD** handling area.

▪ Hitch

• Centering (SD 02 and 04 discs)

To center the **SD** in relation to the longitudinal axis of the tractor, proceed as follows:

- 01** - Align the top hitch of the furrower with the 3rd point of the tractor.
- 02** - Then check that the distances “**A**” of the lower linkage arms are equal to the tractor tires. The lower arms should be level with each other.

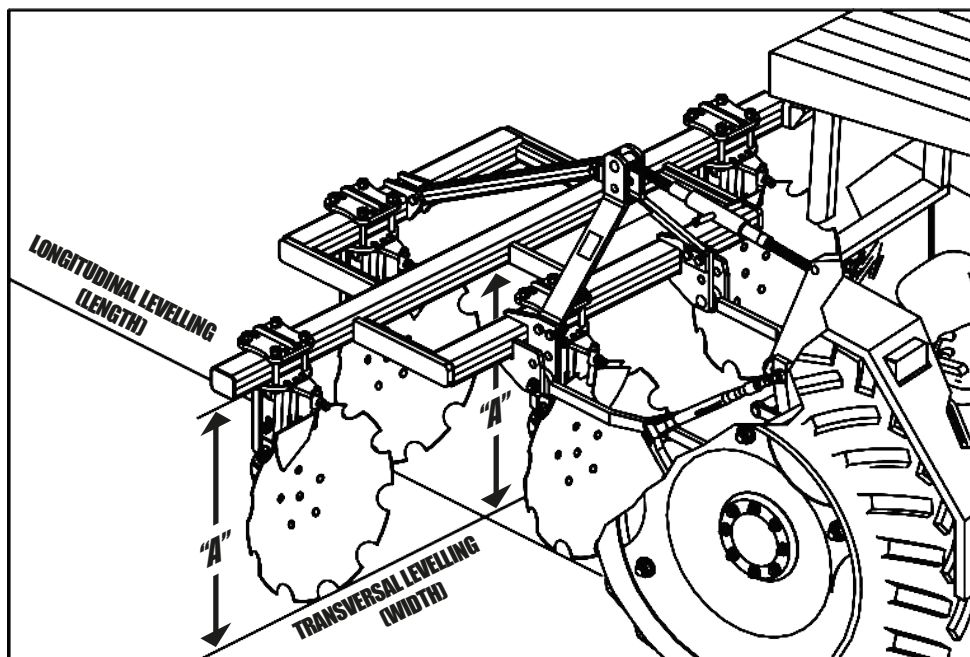


▪ Hitch

• Leveling (SD 02 and 04 discs)

To level the **SD**, proceed as follows:

- 01** - The tractor must be in a flat location.
- 02** - Then level the furrow in the transversal direction (width) through the crank of the lower right arm of the hydraulic coupling. Watch the measurements "A" which must be the same.
- 03** - Then, level it longitudinally (length), this is done through the arm of the 3rd point. Note that the furrower discs must be parallel to the ground.

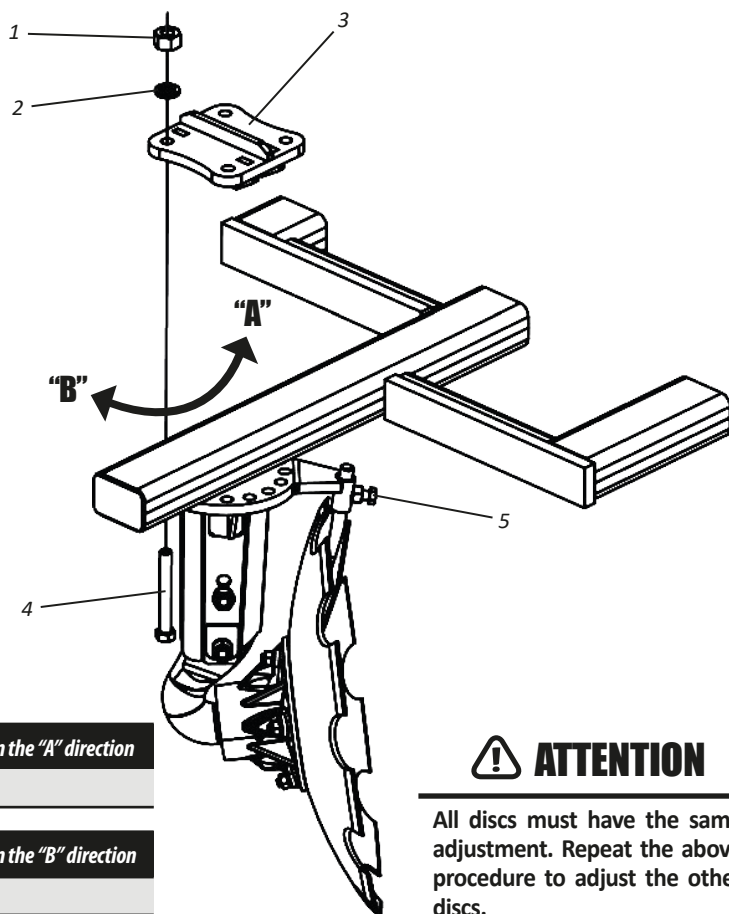


▪ Adjustments

• Horizontal adjustment of the discs (SD 02 and 04 discs)

The **SD** has horizontal adjustment of the discs, which can be carried out to increase or decrease the rotation of the discs. To adjust, proceed as follows:

- 01** - Loosen the nuts (1), lock washers (2), bracket (3) and remove the screws (4).
- 02** - Then, rotate the disc holder (5) in the "A" or "B" direction.
- 03** - When finishing the adjustment, replace the screws (4), bracket (3) lock washers (2) and nuts (1) locking the disc support (5).



Rotating the disc holder in the "A" direction

HIGHER disc rotation.

Rotating the disc holder in the "B" direction

LOWER disc rotation.

! ATTENTION

All discs must have the same adjustment. Repeat the above procedure to adjust the other discs.

▪ Adjustments

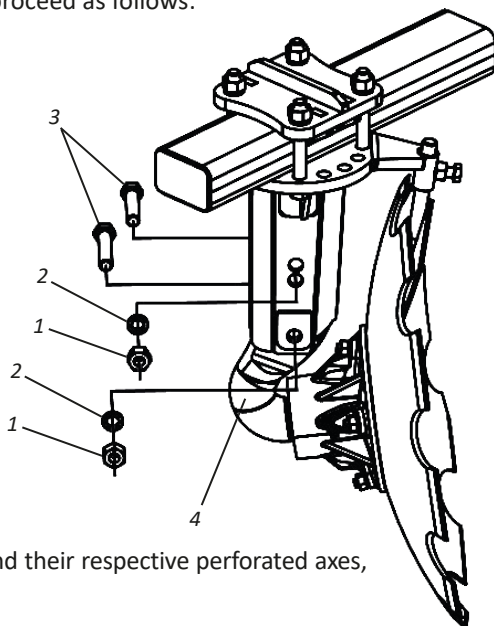
• Vertical adjustment of the discs (SD 02 and 04 discs)

The SD has vertical adjustment of the discs that can be carried out when to increase or decrease the depth of the discs. To adjust, proceed as follows:

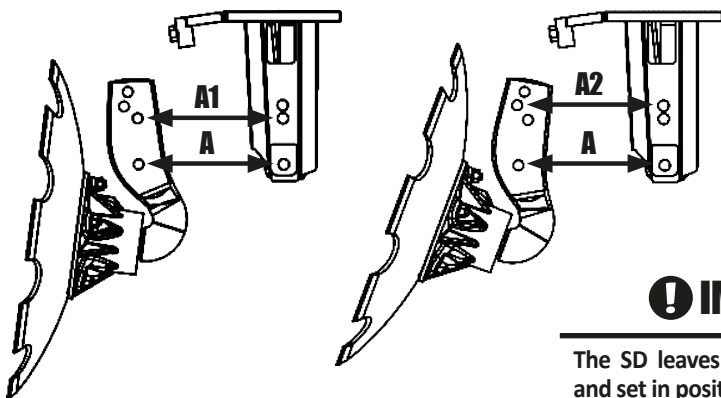
01 - Loosen the nuts (1), lock washers (2) and remove the screws (3).

02 - Then adjust the disc support (4) according to the need for work.

03 - After the adjustment, replace the screws (3), lock washers (2) and nuts (1) locking the disc support (4).



Check below the positions of the discs and their respective perforated axes, where they will be fixed in the support.



! IMPORTANT

The SD leaves the factory assembled and set in position A-A1.

! ATTENTION

All discs must have the same adjustment. Repeat the above procedure to adjust the other discs.

▪ Adjustments

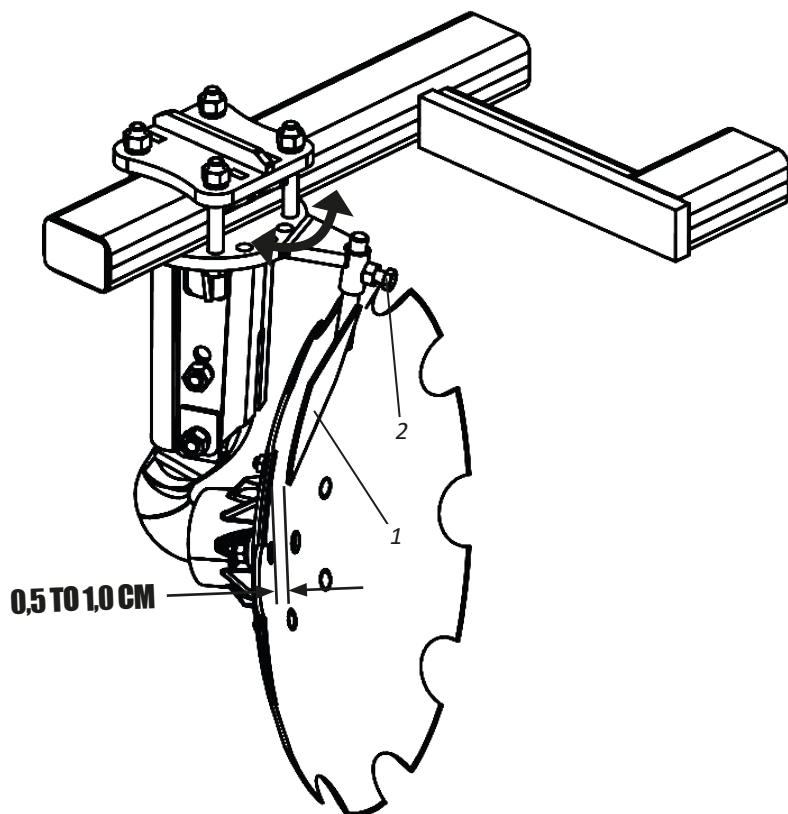
• Adjusting the wipers (SD 02 and 04 discs)

The **SD** has wipers (1) that can be adjusted according to the need. To adjust the wipers (1), proceed as follows:

01 - First, loosen the screw (2).

02 - Then, adjust the wiper (1) according to the distances mentioned below

03 - Finish by retightening the screw (2).



ATTENTION

When adjusting the wipers (1), they should be 0.5 to 1.0 cm away from the discs.

IMPORTANT

Repeat this adjustment on the other wipers (1).

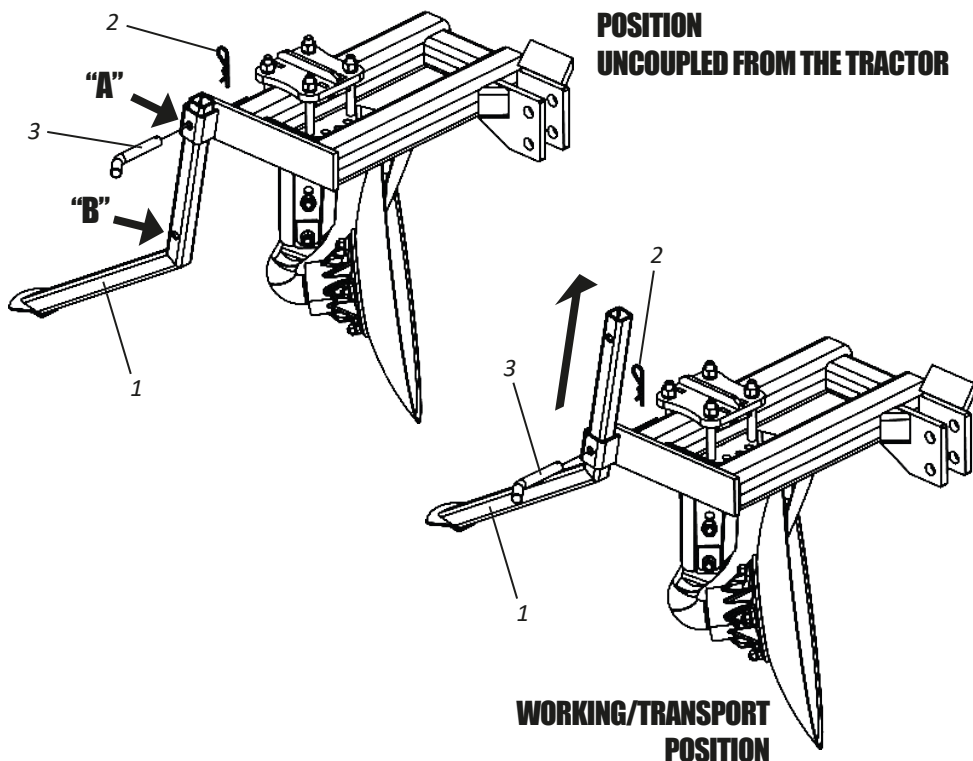
▪ Work/Transport

• Support bracket (SD 02 discs)

The **SD 02 discs** version, has a support bracket (1). Before working or transporting the furrow, proceed as follows:

01 - Release the lock (2) and remove the pin (3) from **point "A"**.

02 - Then, lift the support bracket (1) and lock it at **point "B"** through the pin (3) and lock (2).



ATTENTION

Before lifting the support foot (1), make sure that the furrower is properly attached to the tractor. Ignoring this warning can cause damage, serious accident or death.

Before working/transporting the SD, lift the support bracket. Ignoring this warning can cause damage, serious accident or death.

▪ Operations

• Recommendations for operation (SD 02 and 04 discs)

The preparation of the **SD** and the tractor will allow you to save time in addition to a better result in field work. The following suggestions may be helpful to you.

GENERAL RECOMMENDATIONS

- 01** - Adjust the tractor according to the contents of the instruction manual, always using the front and rear weights to stabilize the equipment.
- 02** - Always couple the tractor at idle and very carefully.
- 03** - When using the **SD** it is important to check the coupling and cross leveling system to make sure that the discs will have the same depth of penetration into the ground.
- 04** - After coupling and leveling, the next adjustments will be made directly in the work field, analyzing the terrain in its texture, humidity and the types of operations to be done with the **SD**.
- 05** - On the tractor, choose a gear that allows you to maintain a certain reserve of power, ensuring against unforeseen efforts.
- 06** - Respect the working and transport speeds specified on page 10. We do not recommend exceeding speeds to maintain service efficiency and avoid possible damage to the **SD**.
- 07** - After the first day of work with the **SD**, retighten all screws and nuts, check the condition of the pins and locks. Then, perform a general tightening of all bolts and nuts every 10 hours of work.
- 08** - When performing any maintenance on the **SD**, you must lower it to the ground and turn off the engine.
- 09** - The **SD** has several settings, however, only local conditions can determine the best setting.

If in doubt, never operate or handle the **SD**, consult the After Sales.
Telephone: 0800-152577 / E-mail: posvenda@baldan.com.br

▪ Maintenance

The **SD** was developed to provide you with maximum performance under terrain conditions. Experience has shown that periodic maintenance of certain parts of the **SD** is the best way to help you avoid problems, so we suggest checking.

ATTENTION

Constantly check nuts and screws, and retighten them if necessary. Maintenance of the general re-tightening of the furrower must be carried out every 8 hours of work.

• Lubrication

Lubrication is essential for good performance and longer durability of the moving parts of the **SD**, contributing to savings in maintenance costs.

Before starting the operation, carefully lubricate all grease fittings, always observing the greasing intervals on the following page. Make sure of the quality of the lubricant, its efficiency and purity, avoiding the use of products contaminated by water, soil and other agents.

• Grease table and equivalents

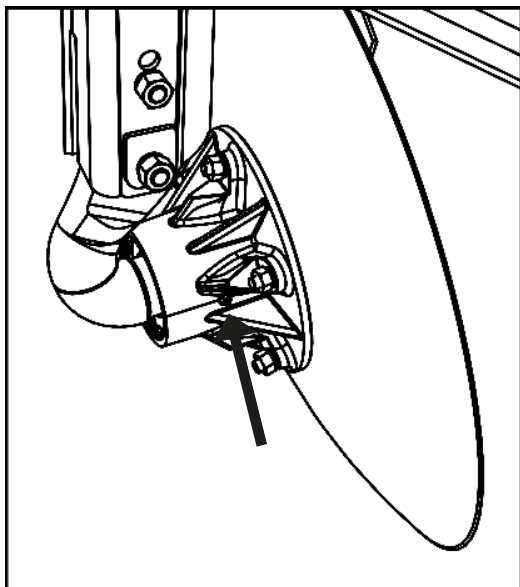
Manufacturer	Types of grease recommended
Petrobrás	Lubrax GMA-2
Atlantic	Litholine MP 2
Ipiranga	Ipiflex 2
Castrol	LM 2
Mobil	Grease MP
Texaco	Marfak 2
Shell	Alvania EP 2
Esso	Multi H
Bardahl	Maxlub APG-2EP
Valvoline	Palladium MP-2
Petronas	Tutela Jota MP 2 EP
	Tutela Alfa 2K
	Tutela KP 2K

ATTENTION

For equivalent manufacturers and/or brands that are not listed in the table, consult the manufacturer's technical manual.

▪ Maintenance

- Lubricate every 8 working hours (SD 02 and 04 discs)

**ATTENTION**

When lubricating the SD, do not exceed the amount of new grease. Insert a sufficient amount.

■ Maintenance

• Care (SD 02 and 04 discs)

- 01** - Before each work session, check the condition of all pins, screws, hubs, discs, and wipers. When necessary, retighten, or replace them.
- 02** - Movement speed must be carefully controlled according to the terrain conditions.
- 03** - The **SD** is used in several applications, requiring knowledge and attention during its handling.
- 04** - Only local conditions can determine the best way to operate the **SD**.
- 05** - When assembling or disassembling any part of the **SD**, use appropriate methods and tools.
- 06** - Carefully observe the lubrication interval of the **SD**.
- 07** - Always check the parts for wear. If replacement is required, always require original Baldan parts.
- 08** - Keep the **SD** discs sharp at all times.



IMPORTANT

Proper and periodic maintenance is necessary to ensure the long life of the furrower.

• General cleaning (SD 02 and 04 discs)

- 01** - When storing the **SD**, make a general cleaning and wash it thoroughly only with water. Check that the paint has not worn out, if this has happened, apply a general coat, apply protective oil and lubricate the **SD** completely.
- 02** - Lubricate the furrower thoroughly. Check all the moving parts of the **SD**, if they show wear or looseness, make the necessary adjustment or replacement of the parts, leaving the furrower ready for the next job.
- 03** - After all maintenance care, store your **SD** on a flat surface, covered and dry, away from animals and children.
Avoid: - The discs from directly contacting the ground.
- 04** - Replace all stickers that are damaged or missing, especially warnings. Make everyone aware of their importance and the dangers of accidents when instructions are not followed.
- 05** - We recommend washing the **SD** only with water at the beginning of the work.



ATTENTION

Do not use chemicals to wash the **SD**, as this could damage the paintwork.

▪ Maintenance

• Furrower conservation (SD 02 and 04 discs) - Part I

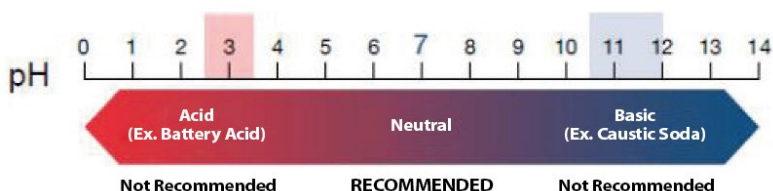
To extend the life and appearance of the **SD** for longer, follow the instructions below:

- 01** - Wash and clean all **SD** components during and at the end of the work season.
- 02** - Use neutral products to clean the **SD**, following the safety and handling guidelines provided by the manufacturer.
- 03** - Always perform maintenance at the times indicated in this manual.

• Furrower conservation (SD 02 and 04 discs) - Part II

The practices and care below if adopted by the owner or operator make a difference for the conservation of the **SD**.

- 01** - Caution when performing high pressure washing; do not direct the water jet directly at the connectors and electrical components. Isolate all electrical components;
- 02** - Use only water and NEUTRAL detergent (pH 7);
- 03** - Apply the product, following the manufacturer's instructions, on the wet surface and in the correct sequence, respecting the application and washing time;
- 04** - Stains and dirt not removed with the products should be removed with a sponge.
- 05** - Rinse the machine with clean water to remove all chemical residues.
- 06** - Do not use: - Detergents with basic active ingredient (pH greater than 7), can damage/ stain the furrower painting.
- **Detergents with acid active principle (pH less than 7) act as a paint remover/zinc plating (the protection of parts against oxidation).**



- 07** - Let the machine dry in the shade so that water does not accumulate in its components. Drying too fast can stain your paint.
- 08** - After drying lubricate all grease fittings according to the operator's manual recommendations.

▪ Maintenance

• Furrower conservation (SD 02 and 04 discs) - Part III

- 09** - Spray the entire machine, especially galvanized parts, with protective oil, following the manufacturer's application guidelines. The guard also prevents dirt from sticking to the machine, facilitating subsequent washes.
- 10** - Observe the cure time (absorption) and application intervals as recommended by the manufacturer.

 **ATTENTION** | Do not use any other type oil to protect the furrower (used hydraulic oil, burnt oil, diesel, castor oil, kerosene, etc.).

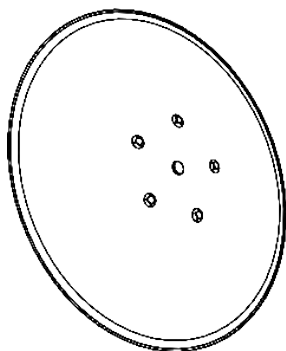
 **IMPORTANT** | We recommend the following protective oils:
- Bardahl: Agro protective 200 or 300
- ITWChemical: Zoxol DW - Series 4000

 **NOTE** | Ignoring the conservation measures mentioned above may result in loss of warranty for painted or zinc-coated components which may suffer oxidation (rust).

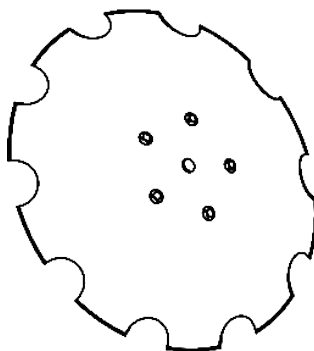
▪ Optional

- Optional accessories (SD 02 and 04 discs)

The **SD** has options that can be purchased according to the need for work.



FLAT DISC
26", 28"



CUT DISC
26", 28"

■ Identification

• Identification plate

In order to consult the parts catalog or ask Baldan for service, always indicate the model (1), serial number (2) and manufacturing date (3), which is on the nameplate of your **SD**.



ATTENTION

The drawings in this Instruction Manual are merely illustrative.



CONTACT

In case of doubts, never operate or handle your equipment without referring to Post-Sales.

Telephone: 0800-152577

e-mail: posvenda@baldan.com.br



PUBLICATIONS

Code: 60550104744 | CPT: SDSULC02417



▪ Identification**• Product Identification**

Please make the correct identification of the data below, to always have information about the service life of your equipment.

Owner: _____

Dealer: _____

Property: _____

City: _____

State: _____

Certificate of Warranty no.: _____

Implement: _____

Serial No: _____

Purchase Date: _____

Invoice: _____

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines, and the page is completely blank except for the lines themselves.

■ Notes

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

BALDAN IMPLEMENTOS AGRÍCOLAS S/A ensures the dealer normal performance of the implement for a period of six (6) months as of the delivery date on the retail invoice to the first final consumer. During this period, **BALDAN** undertakes to repair defects in material and/or of manufacture of its liability, including labor, freight and other expenses of the dealer's liability.

In the warranty period, request and replacement of eventual defective parts shall be made to the dealer of the area, who will submit the faulty piece for **BALDAN** analysis. When this procedure is not possible and the resolving capacity of the dealer is exhausted, the dealer will request the support of **BALDAN Technical Assistance** through a specific form distributed to dealers. After analyzing the replaced items by Baldan Technical Assistance, and concluding that it is not a warranty, then the dealer will be responsible for the costs related to the replacement; as well as material expenses, travel including accommodation and meals, accessories, lubricant used and other expenses arising from the call out to Technical Assistance, and Baldan company is authorized to carry the respective invoice in the name of the resale. Any repair carried in the product within the dealer warranty deadline will only be authorized by **BALDAN** upon previous budget presentation describing parts and work to be performed.

The product is excluded from this term if it is repaired or modified by representatives not belonging to the **BALDAN** dealer network, as well as the application of non-genuine parts or components to the user's product. This warranty is void where it is found that the defect or damage is caused by improper use of the product, failure to follow instructions or inexperience of the operator.

It is agreed that this warranty does not cover tires, polyethylene tanks, cardan, hydraulic components, etc., which are equipment guaranteed by their manufacturers. Manufacturing and/or material defects, object of this warranty term, will not constitute, under any circumstances, grounds for termination of a purchase agreement, or for indemnification of any nature.

BALDAN reserves the right to change and/or perfect the technical characteristics of its products, without previous notice, and without obligation to proceed in the same way with the products previously manufactured.

▪ Inspection and Delivery Certificate

SERVICE BEFORE DELIVERY: This implement was carefully prepared by the sale organization, with all its parts inspected according to the manufacturing prescriptions.

DELIVERY SERVICE: The user was informed about the current warranty terms and instructed on the usage maintenance precautions.

I confirm that the user has been informed about the current warranty terms and instructed on the usage maintenance precautions.

Implement: _____ Serial Number: _____

Date: _____ Tax Number: _____

Dealer: _____

Telephone: _____ CEP: _____

City: _____ State: _____

Owner: _____

Telephone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Sale date: _____

Signature / Dealer Stamp _____

1st copy - Owner

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Dealer: _____

Telephone: _____ CEP: _____

City: _____ State: _____

Owner: _____

Telephone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Sale date: _____

Signature / Dealer Stamp _____

2nd copy - Dealer

▪ Inspection and Delivery Certificate

SERVICE BEFORE DELIVERY: This implement was carefully prepared by the sale organization, with all its parts inspected according to the manufacturing prescriptions.

DELIVERY SERVICE: The user was informed about the current warranty terms and instructed on the usage maintenance precautions.

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Implement: _____ Serial Number: _____

Date: _____ Tax Number: _____

Dealer: _____

Telephone: _____ CEP: _____

City: _____ State: _____

Owner: _____

Telephone: _____

Address: _____ Number: _____

City: _____ State: _____

E-mail: _____

Sale date: _____

Signature / Dealer Stamp _____

3rd copy - Manufacturer (Please send completed within 15 days).

1.74.05.0059-5

AC MATÃO
ECT/DR/SP

RESPONSE CARD

NO STAMPING IS REQUIRED

THE STAMP WILL BE PAID BY:



BALDAN

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.

Av. Baldan, 1500 | Nova Matão | CEP: 15993-900 | Matão-SP | Brasil

Tel: (16) 3221-6500 | Fax: (16) 3382-6500

www.baldan.com.br | email: sac@baldan.com.br

Export: Tel: +55 (16) 3221-6500 | Fax: +55 (16) 3382-4212 | 3382-2480

email: export@baldan.com.br



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