

PAMP-ER 6

Agricultural Pantographic Front Loader with Quick Coupling



Presentation

e appreciate your preference and congratulate you for the excellent choice you have just made, as you have purchased a product manufactured with **BALDAN**



IMPLEMENTOS AGRÍCOLAS S/A technology.

This manual will guide you through the necessary procedures, from purchase to operation, safety and maintenance procedures.

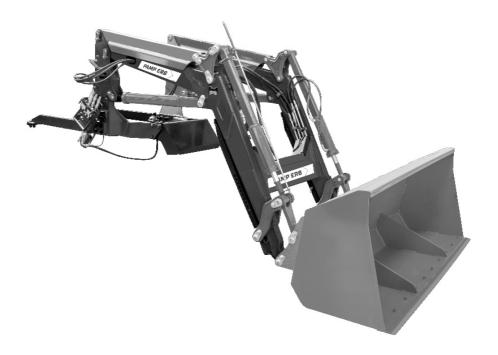
BALDAN warrants that it has delivered this implement for resalecomplete and in perfect condition.

The dealer was responsible for the storage and conservation during the period it was in its possession, as well as for the assembly, retightening, lubrication and general overhaul.

In technical delivery, the dealer should guide the user customer regarding maintenance, security, their obligation to possible technical assistance, the strict observance of the warranty and reading the instructions manual.

Any request for technical assistance under warranty must be made to the dealer where it was purchased

We reiterate the need for a careful reading of the warranty certificate and for compliance with all items in this manual, as doing so will increase the life of your implement.



PAMP-ER 6

Agricultural Pantographic Front Loader with Quick Coupling

BALDAN IMPLEMENTOS AGRÍCOLAS S/A.

CNPJ [Corporate Taxpayer Number]: .311.347/0009-06 Insc. Est.: 441.016.953.110



Scan the QR Code on the nameplate of your equipment and access this Instruction Manual online.





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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 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 out 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 shafts, 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.

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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 starting 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.



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

The purpose of this Regulatory Standard is to establish the precepts to be observed in the organization and in the work environment, in a manner compatible with the planning and development of agriculture, livestock, forestry and aquaculture activities with the safety and health and environment 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 in full NR-31. http://portal.mte.gov.br/legislacao/normas-regulamentadoras-1.htm

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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 or equipment on the tractor.



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 standards



ATTENTION



Do not make adjustments while PAMP-ER6 is running. When doing any service on the PAMP-ER 6, first turn off the tractor. Use appropriate tools.



ATTENTION



When looking for a possible leak in the hoses, use a piece of cardboard or wood, never use your hands. Avoid incision of fluid in the skin



ATTENTION



When transporting PAMP-ER 6, do not exceed the speed of 16Km/h or 10 MPH, avoiding risks of damage and accidents.

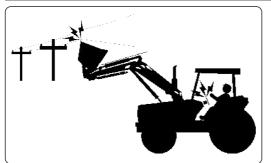
ATTENTION



Hydraulic oil under pressure can cause serious injury if it leaks. Periodically check the condition of the hoses.

If there are signs of leaks, replace immediately. Before connecting or disconnecting hydraulic hoses, relieve system pressure by activating the control with the tractor off.

ATTENTION



When maneuvering PAMP-ER 6 into the raised position, watch out for power and telephone lines, low tree branches, and other overhead obstructions. Ignoring this warning could result in serious accidents, injury or even death.



Safety standards

ATTENTION

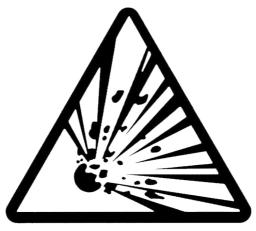


When operating the PAMP-ER 6, do not allow people to stand too close to or especially underneath it. Ignoring this warning could result in serious accidents injury or even death.

ATTENTION

THE HYDRAULIC ACCUMULATOR IS CHARGED WITH NITROGEN AT HIGH PRESSURE, SO READ THE FOLLOWING INSTRUCTIONS CAREFULLY TO AVOID SERIOUS ACCIDENTS OR EVEN DEATH.

- Do not try to disassemble or make repairs to the accumulator.
- Do not expose the accumulator to high temperatures.
- Do not weld the accumulator.
- Do not impact the accumulator or the vicinity where it is installed.
- Do not make adjustments to the accumulator.
- When handling the accumulator, use personal protective equipment (PPE).



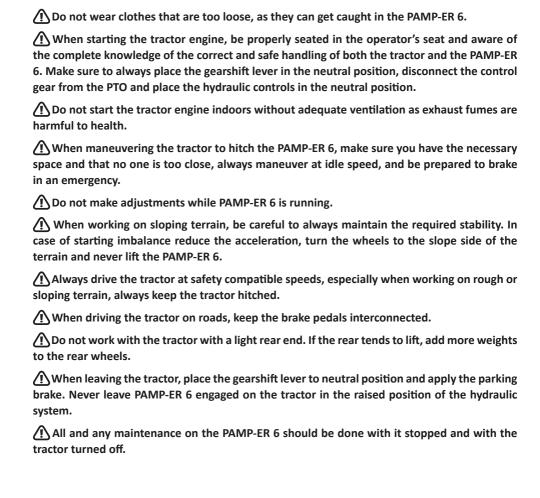
EXPLOSION RISK



the drive with the tractor turned off.

Warnings

serious accidents.



/!\ When operating with the PAMP-ER 6, do not allow people to stand too close to or on it.

Refore connecting or disconnecting hydraulic hoses, relieve system pressure by activating

(!) Check the condition of the hydraulic hoses from time to time. If there is evidence of oil leakage, replace the hose immediately as the oil works under high pressure and may cause

!\ When carrying out any maintenance service, use the PPE equipment.



Warnings

① Operate PAMP-ER 6 from the driver's seat only. Do not release controls until movements are complete.

① Do not leave the seat before locking the controls to prevent any movement.

① Do not leave the tractor while the shovel or any other accessory is raised. After using the shovel or any other accessory, park the tractor with the shovel or any other accessory lowered on the ground.

① Do not let anyone near the shovel or any other accessories when they are in operation.

Restrict all movement while the load is being lifted as the tractor could become unbalanced.

The maximum permissible front axle load recommended by the tractor manufacturer must not be exceeded.

The maximum front tire load recommended by the tire manufacturer must not be exceeded.

! Check tire pressure on a regular basis

• Check for the presence of safety pins and screws on a regular basis. Do not replace with other objects such as nails, wires etc.

• Eln operations where PAMP-ER 6 must be stationary, operate the locking system on the joystick. Never modify hose connections.

Nunca modifique as conexões das mangueiras.

The warranty is immediately invalid when the assembly, adjustment, operation, and maintenance instructions for PAMP-ER 6 are not observed.

Alcoholic beverages or some medications may cause loss of reflexes and alter the operator's physical condition. Therefore, never operate this equipment if using these substances.

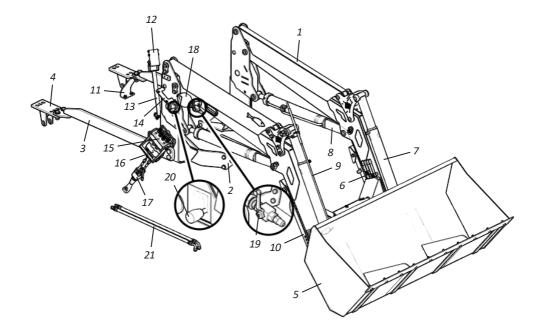
Read or explain all procedures in this manual to a user who cannot read.



Components

- PAMP-ER 6 Agricultural Pantographic Front Loader with Quick Coupling
- 1. Mobile Support
- 2. Side frame
- 3. Rear bar
- 4. Rear shoe
- **5.** Hydraulic shovel
- 6. Hydraulic pipes
- 7. Hydraulic tilting cylinder
- 8. Hydraulic lifting cylinder
- 9. Level rod
- 10. Support Foot
- 11. Tank Support

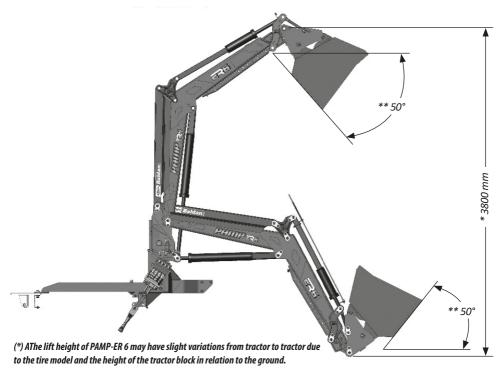
- 12. Joystick mouting plate
- 13. Joystick support
- 14. Multifaster mobile body rest
- 15. Multifaster hydraulic coupling system
- 16. Hydraulic Command
- 17. Joystick
- 18. Accumulator
- 19. Ball register
- 20. Quick coupling system
- 21. Hydraulic Hoses





Dimensions

• PAMP-ER 6 - Agricultural Pantographic Front Loader with Quick Coupling



(**) The PAMP-ER 6 tilt angle may vary slightly from tractor to tractor due to equipment positioning and lift height.

Specifications

• PAMP-ER 6 - Modulated Agricultural Shovel Quick Coupling

Model	Total Width (mm)	Capacity (m³)	Lift Height (mm)
PAMP-ER 6	1700	0,600	3800
	1900	0,700	

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.



Specifications

• PAMP-ER 6 - Agricultural Pantographic Front Loader with Quick Coupling

INTENDED USE OF PAMP-ER 6

- The **PAMP-ER 6** was developed for quick coupling and uncoupling to the tractor and quick accessory change, speeding up countless tasks, with reduced effort, greater safety, and labor savings.
- The PAMP-ER 6 is to be driven and operated only by a properly instructed operator.

NOT ALLOWED USE OF PAMP-ER 6

- It is NOT allowed to use the **PAMP-ER 6** to attach, tow or push other implements or accessories.
- The **PAMP-ER 6** must NOT be used by an inexperienced operator who does not know all the techniques of driving, command and operation.

Assembly

The **PAMP-ER 6** leaves the factory semi-assembled, lacking the assembly of some components. To assemble it, follow the instructions below:

The assembly of the **PAMP-ER 6** must be done by the dealer, through a person trained to do this work.

1 Before starting the assembly of **PAMP-ER 6**, find an ideal place where it is easy to identify the parts and to assemble it.

① Do not wear loose-fitting clothing, as it can get caught in the PAMP-ER 6.

Preparing the tractor

Before starting the assembly of **PAMP-ER 6**, remove the front counterweights from the tractor. On some makes or models of tractors it is also necessary to remove the front support.



For each tractor brand or model, the counterweights and front support are different.

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Assembly

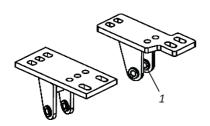
Assembling the shoes

Start assembling PAMP-ER 6 by attaching the shoes. For each tractor brand or model, the type of shoe and its attachment can be changed, but the purpose of the shoe's attachment will always be the same, that is, to attach it to the rear of the chassis.



NOTE Before attaching the shoes, check below how to attach them according to the model of your tractor.

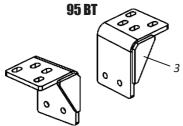
SHOES TO THE TRACTORS MASSEY FERGUSON 4275.4 A 4292.4S



PROCEDURE:

To fix the shoes (1), on the tractor models above, use the same screws as on the tractor.

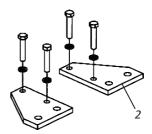
SHOES TO THE TRACTORS NEW HOLLAND TL 75 A 95 BT AND CASE 80A



PROCEDURE:

To fix the shoes (3), on the tractor models above, use the same screws as on the tractor.

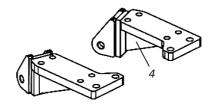
SHOES TO THE TRACTORS VALTRA A650.4/A750.4/A850.4/A950.4 GU/ A800R/A850R/A950R/A990R



PROCEDURE:

To attach the shoes (2), on the tractor models above, use the screws supplied by Baldan.

SHOES TO THE TRACTORS JOHN DEERE 5075.4 BT E 5078.4/5085.4 BT



PROCEDURE:

To fix the shoes (4), on the tractor models above, use the same screws as on the tractor.



Assembly of the sides

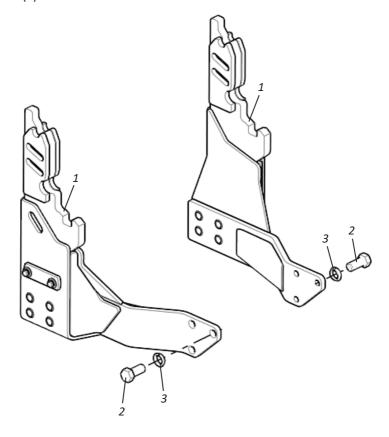
After fixing the shoes, fix the sides. For each tractor brand or model, the type of lateral can be changed, and especially its attachment.

NOTE Before attaching the sides, check the model of your tractor below for the correct attachment instruction.

Assembling the sides on Massey Ferguson 4275.4 to 4292.4S tractors

For assembling the sides (1), proceed as follows:

01 - Attach the sides (1) to the tractor's side, fastening with screws (2) and conical spring washers (3).





Assembly

Assembling the sides on Massey Ferguson 4707 to 5710 BT tractors

For Massey Ferguson tractors 4707 to 5710 BT (platform), before starting to attach the sides, remove the tractor's exhaust along with the exhaust adapter.

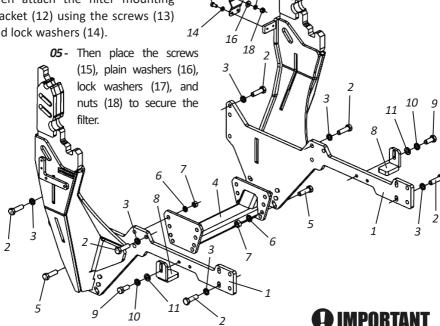
For assembling the sides, proceed as follows:

- 01 Attach the sides (1) to the side of the tractor, fastening with screws (2) and lock washers (3).
- 02 Then lock the sides (1) using the lower intermediate support (4), screws (5), lock washers (6), and nuts (7).

13

15 12

- 03- Then, attach the stops (8) by means of the screws (9), lock washers (10), and plain washers (11).
- 04 Then attach the filter mounting bracket (12) using the screws (13) and lock washers (14).



After attaching the sides on Massey Ferguson tractors 4707 to 5710 (platformed), it is necessary to change the position of the tractor's exhaust by replacing the exhaust adapter with the flexible hose sent in the packing box. For assembling the hose, proceed as instructed on page 32.



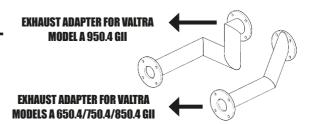
• Assembling the sides on Massey Ferguson A650.4/A750.4/A850.4/A950.4 GII tractors



Before starting to attach the sides on Valtra tractors, remove the tractor's original exhaust adapter. After mounting the sides, attach the Baldan exhaust adapter sent in the packing box as shown below.

O IMPORTANT

After attaching the sides, attach the Baldan exhaust adapter as instructed on page 31.



For assembling the sides (1), proceed as follows:

O1 - Couple the sides (1) to the tractor's side, fastening through the plates (2), lock washers (3), screws (4), conical lock washers (5), screws (6), and the plates (7).
O2 - Then lock the sides (1) using the rod (8), lock nuts (9), and nuts (10).

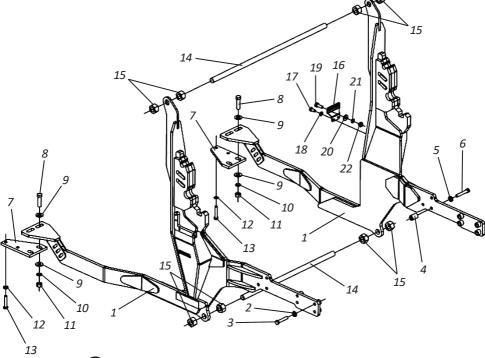


Assembly

 Assembling the sides on Valtra A800R/A850R/A950R and 990R (Platformed) tractors with or without joystick system.

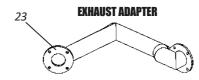
For assembling the sides, proceed as follows:

- **01** Attach the sides (1) to the tractor, using the lock washers (2), screws (3), bushings (4), lock washers (5), and screws (6).
- **02** Then attach the shoes (7) to the sides (1) using the screws (8), plain washers (9), lock washers (10), and nuts (11), and to the tractor using the lock washers (12) and screws (13).
- 03 Then lock the sides (1) using the rods (14), nuts, and locknuts (15).
- 04 Then attach the filter mounting bracket (16) using the screws (17) and lock washers (18).
- **05** Then place the screws (19), plain washers (20), lock washers (21), and nuts (22) to secure the filter.



O IMPORTANT

After attaching the sides, attach the Baldan exhaust adapter (23) shipped in the packing box, as instructed on page 34.





Assembling the sides on Valtra A74 to A104 BT (Platformed) tractors



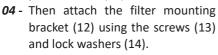
For Valtra A74 to A104 BT (decked) tractors, before you start attaching the sides, remove the exhaust from the tractor.

For assembling the sides, proceed as follows:

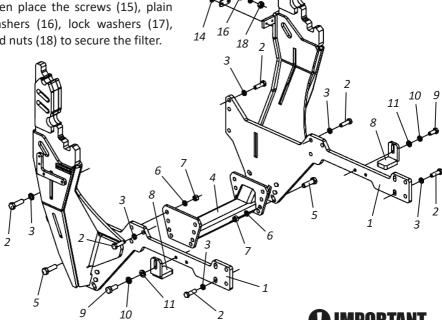
- 01 Attach the sides (1) to the side of the tractor, fastening with screws (2) and lock washers (3).
- 02 Then lock the sides (1) using the lower intermediate support (4), screws (5), lock washers (6), and nuts (7).

03 - Then attach the stops (8), securing them with the screws (9), lock washers (10), and plain washers (11). 15 12

13



05 - Then place the screws (15), plain washers (16), lock washers (17), and nuts (18) to secure the filter.

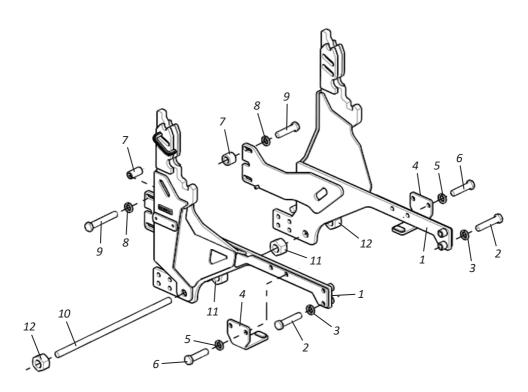


After attaching the sides on Valtra A74 to A104 (open cab) tractors, it is necessary to change the exhaust position of the tractor by adding the Baldan exhaust adapter supplied in the packing box For assembling the exhaust adapter, proceed as instructed on page 33.



Assembly

- Assembling the sides on New Holland TL 75 to 95 BT and Case 80 and 95 BT tractors
 For assembling the sides (1), proceed as follows:
- **01** Couple the sides (1) to the tractor's side, fastening with screws (2), lock washers (3), plates (4), lock washers (5), screws (6), bushings (7), lock washers (8), and screws (9).
- 02 Then lock the sides (1) using the rod (10), lock nuts (11), and nuts (12).

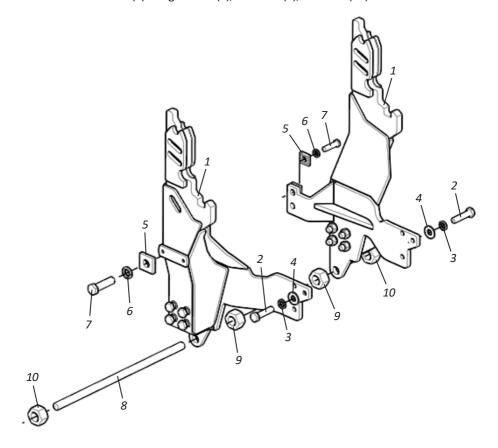




• Assembling the sides for John Deere 5075.4 BT tractors

For assembling the sides (1), proceed as follows:

- **01** Attach the sides (1) to the tractor's side, fastening with screws (2), lock washers (3), plain washers (4), lock washers (5), lock washers (6), and screws (7).
- 02 Then lock the sides (1) using the rod (8), lock nuts (9), and nuts (10).



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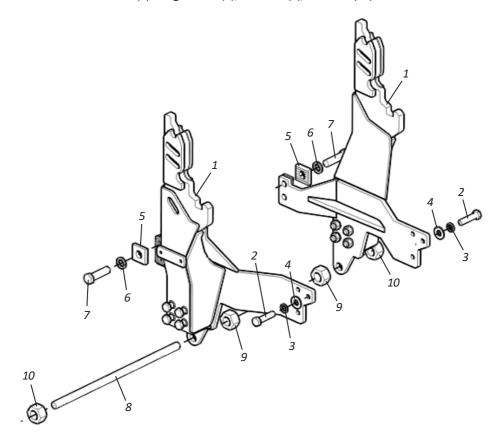


Assembly

• Assembling the sides for John Deere 5078.4/5085.4 BT tractors

For assembling the sides (1), proceed as follows:

- **01** Attach the sides (1) to the tractor's side, fastening with screws (2), lock washers (3), plain washers (4), lock washers (5), lock washers (6), and screws (7).
- 02 Then lock the sides (1) using the rod (8), lock nuts (9), and nuts (10).





• Assembling the side plates

After attaching the sides, do the attachment of the side plates. For each tractor brand or model, the type of side plate and its attachment can be changed.

NOTE Before attaching the side plates, check the model of your tractor below for the correct attachment instruction.

• Assembling side plates for Massey Ferguson 4275.4 to 4292.4S tractors

For assembling the sides (1), proceed as follows:

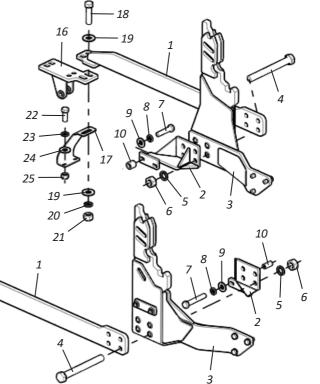
12

13

15

- 01 Attach the side plates (1) and the support (2) to the side plates (3) by fastening them with screws (4), lock washers (5), nuts (6), and the screws (7), lock washers (8), plain washers (9), and bushings (10).
- 02 Then attach the shoe (11) to the side plate (1), using the screws (12), flat washers (13), lock washers (14), and nuts (15).
- 03 Then fasten the foot (16) and the tank support (17) to the side plate (1) using screws (18), plain washers (19), lock washers (20), and nuts (21).
- 04 Finish by placing the screws (22), lock washers (23), plain washers (24), and nuts (25).

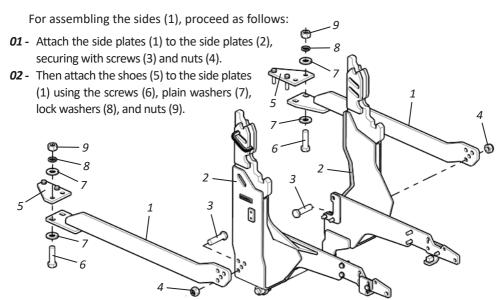
11





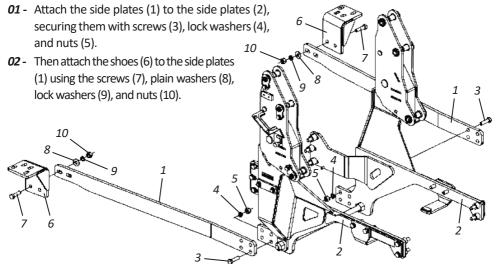
Assembly

Assembling side plates for Valtra A650.4/A750.4/A950.4 GII tractors



Assembling side plates for New Holland TL 75 to 95 BT and Case 80 and 95 BT tractors

For assembling the sides (1), proceed as follows:





10

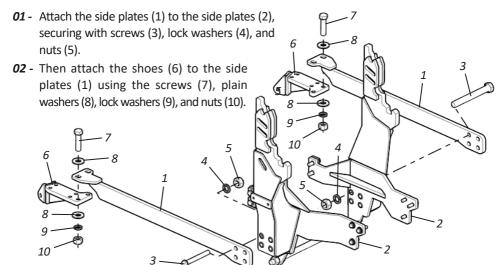
• Assembling the side plates to the John Deere 5075.4 BT tractors

For assembling the sides (1), proceed as follows:

O1 - Attach the side plates (1) to the side plates (2), securing them with screws (3), lock washers (4), and nuts (5).
O2 - Then attach the shoes (6) to the side plates (1) using the screws (7), plain washers (8), lock washers (9), and nuts (10).

• Assembling the side plates to the John Deere 5078.4/5085.4 BT tractors

For assembling the sides (1), proceed as follows:



PAMP-ER 6 29



Assembly

Assembling components

After attaching the side plates, attach the components that are in the **PAMP-ER** packing box.

Assembling joystick bracket (Optional)

To assemble the joystick support (1), proceed as follows:

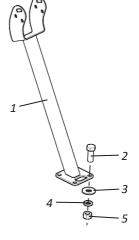
01 - Attach the joystick support (1) to the tractor using screws (2), flat washers (3), spring washers (4) and nuts (5).



For ergonomic reasons, install the joystick support (1) in such a way as to best operate it on the tractor.



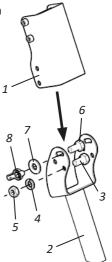
To attach the joystick support (1), it is necessary to drill holes in the tractor floor.



Assembling joystick fixation plate (Optional)

After assembling the joystick support, assemble the joystick fixation plate (1), proceed as follows:

01 - Attach the joystick fixation plate (1) to the joystick support (2) using screws (3), spring washers (4), nuts (5) and screws (6), flat washers (7) and wing nut (8).



DETAIL "A"



Assembly

Assembling joystick (Optional)

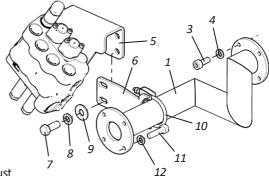
To attach the joystick (1), proceed as follows:

O1 - Attach the joystick (1) to the drive (2), using the cables (3).
O2 - Then, attach the joystick (1) to the joystick mounting plate (4), using screws (5), lock washers (6), and nuts (7), as shown in detail "A".

• Assembling Baldan exhaust adapter for Valtra A650.4/A750.4/A850.4/A950.4 GII tractors

To assemble the Baldan exhaust adapter (1) on Valtra A650.4/A750.4/A850.4/A950.4 GII tractors, proceed as follows:

- O1 Attach the Baldan exhaust adapter
 (1) to the tractor's engine outlet, securing it with Allen screws (3) and lock washers (4).
- 02 Then attach the control bracket (5) and the exhaust adapter bracket (6) using the screws (7), lock washers (8), and plain washers (9).
- **03** Then, lock the Baldan exhaust adapter (1) through the clip (10).
- 64 Finish by attaching the tractor exhaust ' 12 to the Baldan exhaust adapter (1), using the Allen screws (11) and lock washers (12).





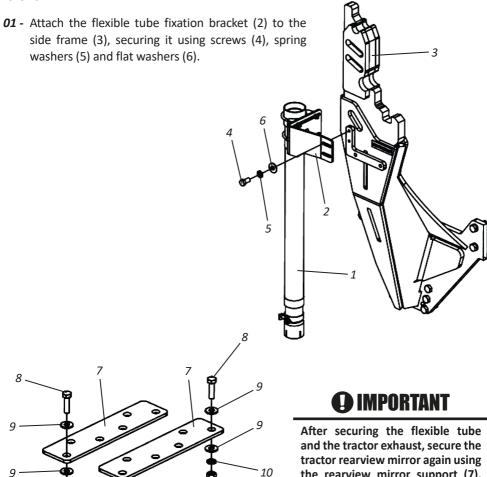
Assembly

 Assembling of the flexible tube to the Massey Ferguson 4707 to 5710 tractors (Platformed)



Before assembling the flexible tube and the tractor exhaust, remove the rearview mirror from the tractor.

To assemble the hose (1) on **Massey Ferguson tractors 4707 to 5710** (platform), proceed as follows:



PAMP-ER 6

the rearview mirror support (7), screws (8), flat washers (9), spring

washers (10) and nuts (11).

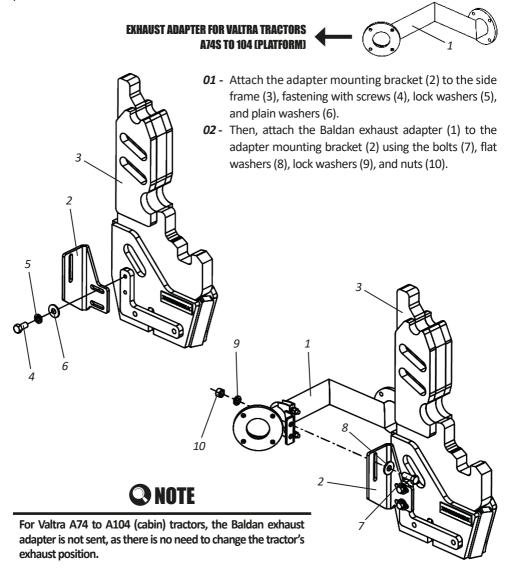
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 Assembling the Baldan exhaust adapter to the Valtra A74 to A104 tractors (Platformed)

To assemble the exhaust adapter (1) on Valtra A74 to A104 (platformed) tractors, proceed as follows:





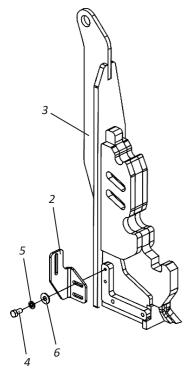
Assembly

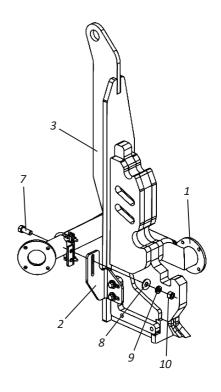
 Assembling the Baldan exhaust adapter for Valtra A800R/A850R/ A950R and 990R (Platformed) tractors with or without joystick system

To attach the exhaust adapter (1) to Valtra A800R/A850R/A950R and 990R (open cab) tractors, proceed as follows:



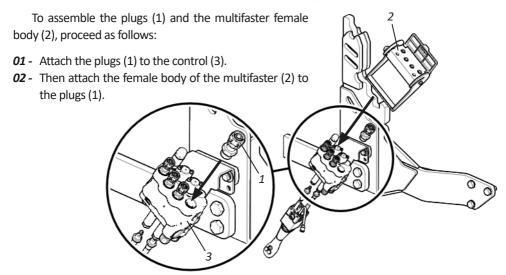
- **01** Attach the adapter mounting bracket (2) to the side frame (3), fastening with screws (4), lock washers (5), and plain washers (6).
- **02** Then, attach the Baldan exhaust adapter (1) to the adapter mounting bracket (2) using the bolts (7), flat washers (8), lock washers (9), and nuts (10).







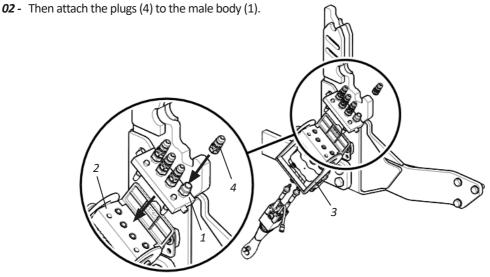
• Assembling of nipples and Multifaster female body (Optional)



• Assembling of nipples and male body of the Multifaster (Optional)

To assemble the multifaster male body (1), proceed as follows:

01 - Attach the male body of the multifaster (1) to the female body (2) using the lever (3).

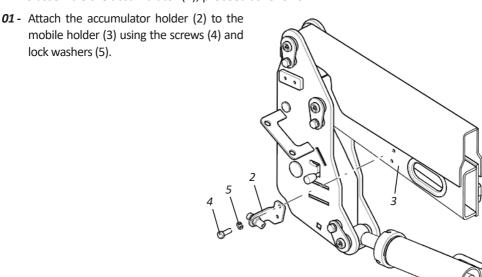




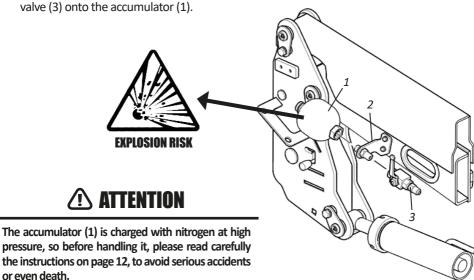
Assembly

Assembling Accumulator (Optional)

To assemble the accumulator (1), proceed as follows:



02 - Then attach the accumulator (1) to the accumulator holder (2) and screw the ball



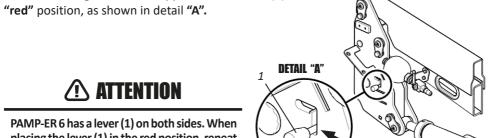
POSITION



Assembly

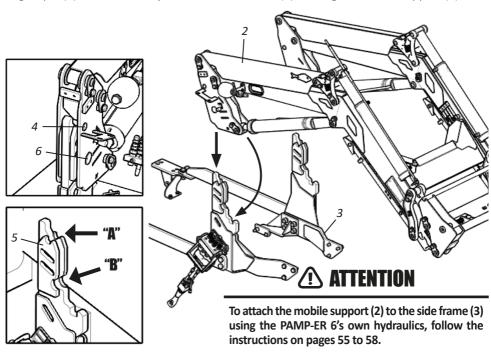
Assembling mobile support

Before fixing the mobile support, set the lever (1) to the



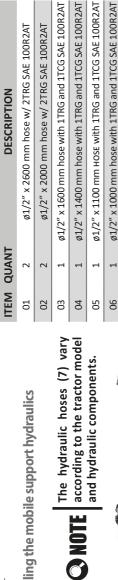
PAMP-ER 6 has a lever (1) on both sides. When placing the lever (1) in the red position, repeat this procedure on the other side, leaving both in the same position.

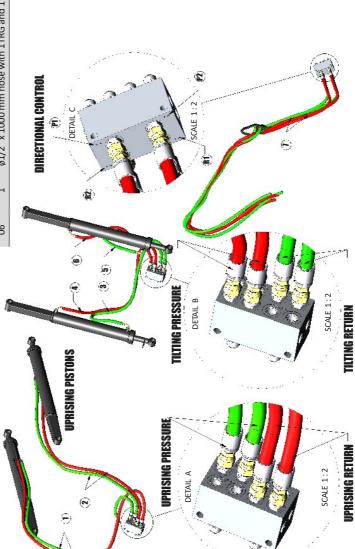
After setting the lever (1) to the "red" position, clamp the mobile support (2) to the side frame (3) using a bridge, winch, or the PAMP-ER 6's own hydraulics. When using bridge or winch, first seat the smaller pin (4) in the concavity "A" of the side frame (5). Then, place the largest pin (6) in the concavity "B" of the side frame (5), locking the mobile support (2).



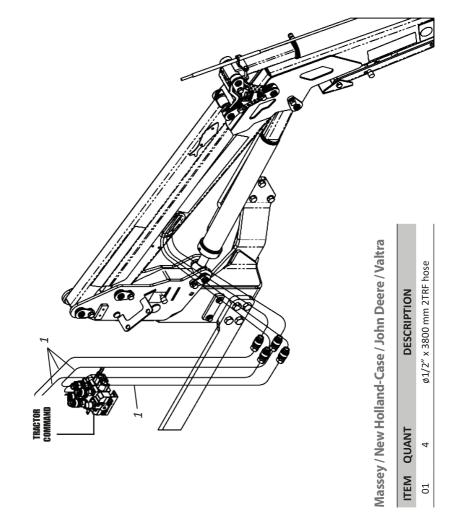


Assembling the mobile support hydraulics





Assembling BT Hydraulic system tractor control





Assembling hydraulic system with Baldan Standard control

TRACTOR PUMP **PRESSURI** 01/2" QUICK RELEASE COUPLING PUSH-PULLI TANQUE Trator COMMAND OUTPUT MODULE COMMAND INPUT Module INPUT MODULE TRACTOR PRESSURE · COMMAND OUTPUT Module IRACTOR Drive

CONC

For Valtra tractors A74 to A104 and Massey 4707 to 5710, the hoses (1 and 2), proceed to assembly according to instructions on page 40, adding hose (3) on page 40.



Assembling hydraulic system with Baldan standard control

Massey

ITEM	ITEM QUANT	DESCRIPTION
01	Н	$\phi 3/4^{\prime\prime}$ x 1200 mm hose with 1TCG and 1TFG 1" Flat Seat
00	1	$\phi 3/4^{\prime\prime}$ x 1200 mm with 1TCG and 1TMFR 1" Oring-Face

John Deere

NT DESCRIPTION	$1/2^{\prime\prime}$ x 1800 mm hose with 1TRG $3/4^{\prime\prime}$ and 1TRG $1/2^{\prime\prime}$	$1/2^{\prime\prime}$ x 1800 mm hose with 1TRG 3/4" and 1TFG 1" Flat Seat
ITEM QUANT	н	Н
ITEM	10	05

New Holland-Case

DESCRIPTION	ø3/4" x 2400 mm hose with 1TCG and 1TRG	ø3/4" x 1200 mm hose with 1TCG and 1TRG	
TEM QUANT	1	1	
ITEM	01	02	

Valtra

DESCRIPTION	$1/2^{\prime\prime}$ x 1200 mm hose with 1 1/2" and 1 3/4" TTG	$1/2^{\prime\prime}$ x 1000 mm hose with 1 3/4" and 1 1/2" TTG
ITEM QUANT	1	1
ITEM	01	02

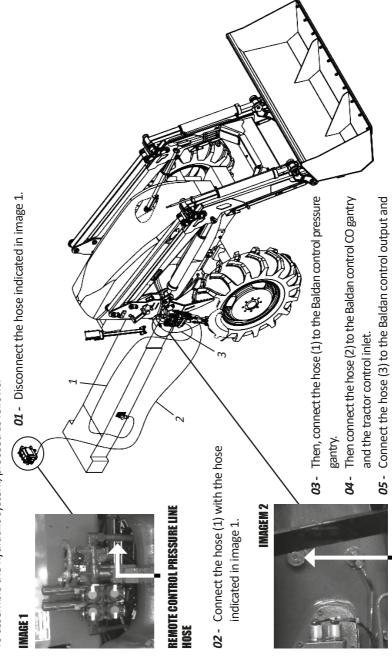
Valtra A800R/A850R/A950R and 990R

TEM	TEM QUANT	DESCRIPTION
01	1	$\emptyset 1/2" \times 900$ mm hose with 1TRF 7/8" e 1TCG 1/2"
02	1	$1/2" \times 900 \text{ mm}$ hose with 2TCG (1 7/8" and 1 $1/2"$)
03	_	ø1/2" x 2200 mm hose with 2TCG (1 7/8" and 1 1/2")



Assembling hydraulic system with Baldan standard control - Valtra A74 to A104 / Massey 4707 to 5710 tractors





HYDRAULIC RESERVOIR PLUG

the plug inlet indicated in image 2.

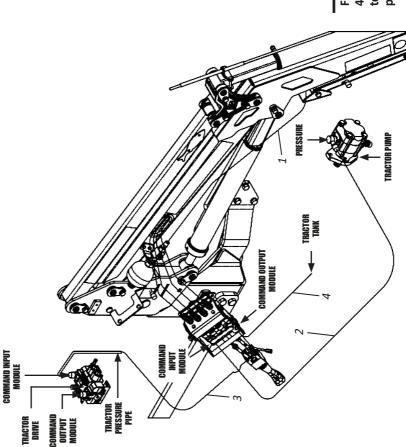
• Assembling hydraulic system with Baldan standard control - Valtra A74 to A104 / Massey 4707 to 5710 tractors

Valtra / Massey

ITEM	ITEM QUANT	DESCRIPTION
01	1	$1/2^{\prime\prime}$ x 2300 mm hose with 1TRG 1.1/16 and 1TRG MF 1" Oring Face
02	1	$1/2^{\prime\prime}$ x 2300 mm hose with 1TRG 1.1/16 and 1TRG FGR 1" Flat Seat
03	П	$1/2^{\prime\prime}$ x 1200 mm hose with 1TCG and 1TRG



Assembling hydraulic system with Baldan control / Accumulator and Multifaster



ON O

For Valtra tractors A74 to A104 and Massey 4707 to 5710, the hoses (2 and 3), proceed to assembly according to instructions on page 40, adding hose (3) on page 40.



Assembling hydraulic system with Baldan control / Accumulator and Multifaster

Massey / New Holland-Case / John Deere / Valtra

ITEM	ITEM QUANT	DESCRIPTION	ITEM QUAI	QUAI
01	1	ϕ 1/2" x 1500 mm hose 1TCG and 1TRG	05	1
			03	1

Massey

DESCRIPTION	ø3/4" x 1200 mm with 1TCG and 1TFG 1" hose Flat Seat	$\phi 3/4^{\prime\prime}$ x 1200 mm hose with 1TCG and 1TMFR 1" Oring-Face
ITEM QUANT	1	1
ITEM	05	03

John Deere

ITEM	ITEM QUANT	DESCRIPTION	ITEM	ITEM QUANT	
02	П	$\phi 1/2^{\prime\prime} \times 1800$ mm hose with 1TRG $3/4^{\prime\prime}$ and 1TRG $1/2^{\prime\prime}$	05	1	<i>'</i> ø'
			C	7	
		41/2" x 1800 mm hose w/ 1TRG 3/4" and 1TEG 1"	03	7	_
03	П	Flat Seat	90	⊣	_

New Holland-Case

LEM	TEM QUANT	DESCRIPTION
02	1	ø3/4" x 2400 mm hose with 1TCG and 1TRG
03	1	$\phi 3/4''$ x 1200 mm hose with 1TCG and 1TRG

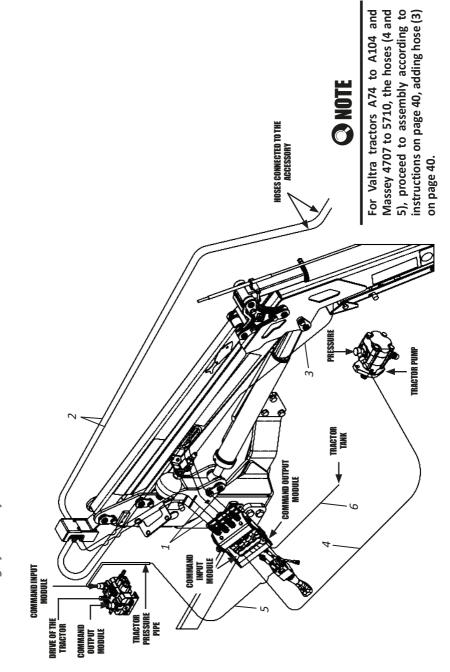
Valtra

DESCRIPTION	$1/2^{\prime\prime}$ x 1200 mm hose with 1 1/2 $^{\prime\prime}$ and 1 3/4 $^{\prime\prime}$ TTG	$1/2^{\prime\prime}$ x 1000 mm hose with 1 3/4" and 1 1/2" TTG
ITEM QUANT	1	1
ITEM	05	03

Valtra A800R/A850R/A950R e 990R

TEM	TEM QUANT	DESCRIPTION
05	1	$\phi 1/2" \times 900$ mm hose with 1TRF 7/8" and 1TCG 1/2"
03	1	$\phi 1/2" \times 900$ mm hose with 2TCG (1 $7/8"$ and 1 $1/2"$)
40	1	$\phi 1/2$ " x 2200 mm hose with 2TCG (1 7/8" and 1 1/2")

Assembling hydraulic system with directional valve / accumulator and multifaster



Assembling hydraulic system with directional valve / accumulator and multifaster

Massey / New Holland-Case / John Deere / Valtra

ITEM	ITEM QUANT	DESCRIPTION
01	2	$\phi 1/2^{\prime\prime} \times 1100$ mm hose 1TCG and 1TRG
02	2	1/2" x 4300 mm hose 1TCG and 1TRF
03	1	ϕ 1/2" \times 1500 mm hose 1TCG and 1TRG

Massey

DESCRIPTION	$\emptyset 3/4^{\prime\prime} x 1200$ mm hose with 1TCG and 1TFG 1" Flat Seat	$\phi 3/4^{\prime\prime}$ x 1200 mm hose with 1TCG and 1TMFR 1." Oring-Face
ITEM QUANT	Т	1
ITEM	04	90

John Deere

LEM	ITEM QUANT	DESCRIPTION
04	Н	$\phi 1/2^{\prime\prime}$ x 1800 mm hose with 1TRG 3/4" and 1TRG 1/2"
05	1	ø1/2" x 1800 mm hose w/ 1TRG 3/4" and 1TFG 1" Flat Seat

New Holland-Case

ITEM	ITEM QUANT	DESCRIPTION
04	₽	$\phi 3/4^{\prime\prime}$ x 2400 mm hose with 1TCG and 1TRG
90	1	ø3/4" x 1200 mm hose with 1TCG and 1TRG

Valtra

DESCRIPTION	$1/2^{\prime\prime}$ x 1200 mm hose with 1 1/2" and 1 3/4" TTG	$1/2^{\prime\prime}$ x 1000 mm hose with 1 $3/4^{\prime\prime}$ and 1 $1/2^{\prime\prime}$ TTG
ITEM QUANT	1	1
ITEM	04	00

Valtra A800R/A850R/A950R e 990R

TEM	ITEM QUANT	DESCRIPTION
04	1	$\phi 1/2" \times 900$ mm hose with 1TRF 7/8" and 1TCG 1/2"
05	1	$\phi 1/2" \times 900$ mm hose with 2TCG (1 7/8" and 1 1/2")
90	1	$\phi 1/2$ " x 2200 mm hose with 2TCG (1 7/8" and 1 1/2")



Assembly

Assembling the accessories

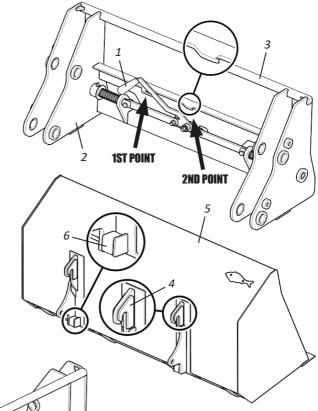
HYDRAULIC SHOVEL

To mount the hydraulic shovel, proceed as follows:

- 01 Pull the lever (1) by locking it at the 2nd point.
- 02 Then, tilt the articulation support (2) forward and couple the bar (3) to the hitch (4) of the hydraulic shovel (5).
- 03 Then, tilt the pivot bracket (2) back until the stop (6) of the hydraulic bucket (5) touches the pipe (7).
- 04 Finish by locking the hydraulic shovel (5), pulling the lever (1) to the 1st point.

0

000





After attaching the blade, return the lever (1) to its original point to lock it. Ignoring this warning can cause serious accidents and equipment damage.

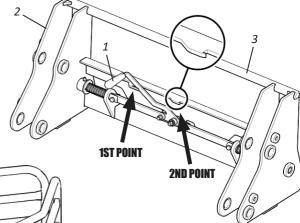
Repeat the above instructions for attaching the other accessories: Grapple, Blade, GAP (Pallet Fork), and Winch.



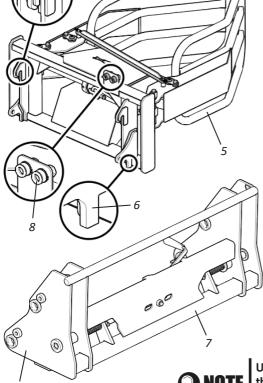
GAF (BALE AGRICULTURAL FORK)

To assemble the GAF, proceed as follows:

- 01 Pull the lever (1) by locking it at the 2nd point.
- **02** Then tilt down the pivot bracket (2) and couple the bar (3) into the hitch (4) of the GAF (5).



- **03** Then, tilt up the pivot bracket (2) until the stop (6) of the GAF (5) touches the tube (7).
- 04 Then, tilt up the pivot bracket (2) until the stop (6) of the GAF (5) touches the tube (7).
- **05** Finish by attaching the hydraulic hoses to the connectors (8).



ATTENTION

After coupling the FAT, return the lever (1) to its original point to lock it. Ignoring this warning can cause serious accidents and equipment damage.

Use the above instructions also for attaching the following options: GAS (Silage Fork) and GAT (Log Fork).

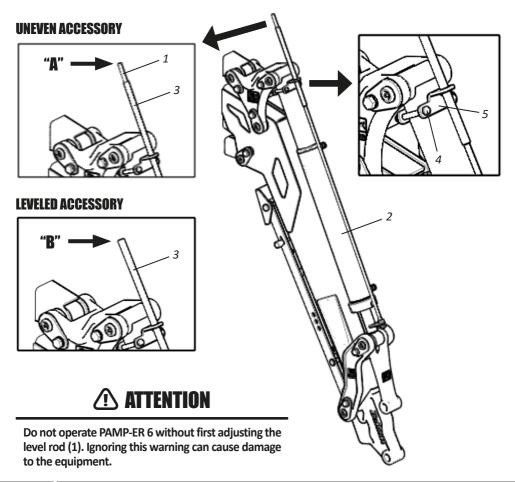


Leveling

Level rod

PAMP-ER 6 is equipped with a leveling rod (1) that allows the operator during work to see whether or not the attached attachment is level on the ground. To adjust the level, proceed as follows:

- 01 Actuate the hydraulic cylinder (2) to level the attached accessory to the ground.
- **02** Then check that the "A" end of the level rod (1) coincides with the face of the pipe (3), if not, loosen the screws (4) and move the guide support (5) until the "B" end of the pipe (3) coincides with the end of the level rod (1).
- 03 Finish by tightening the screws (4) locking the guide support (5).

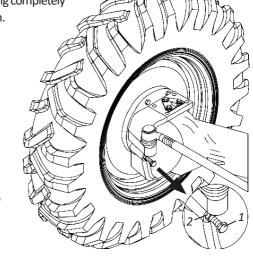




Adjustments

Adjusting tractor track width

When finishing the assembly of the **PAMP-ER 6**, check the free movement of the tractor's front tires, steering completely to both sides. If necessary, adjust the track width.



O IMPORTANT

If necessary, the front axle turning radius can also be changed using the adjusting screw (1) and nut.

Adjusting blade cutting depth

The blade (1) can be purchased optionally with the PAMP-ER 6. To adjust the cutting depth of the blade (1), proceed as follows:

- 01 Loosen the screws (2), spring washers(3) and flat washers (4) that secure the shoes (5) on the blade (1).
- **02** Then, adjust the height using the shoes (5).
- **03** Finish by tightening screws (2), spring washers (3) and flat washers (4).

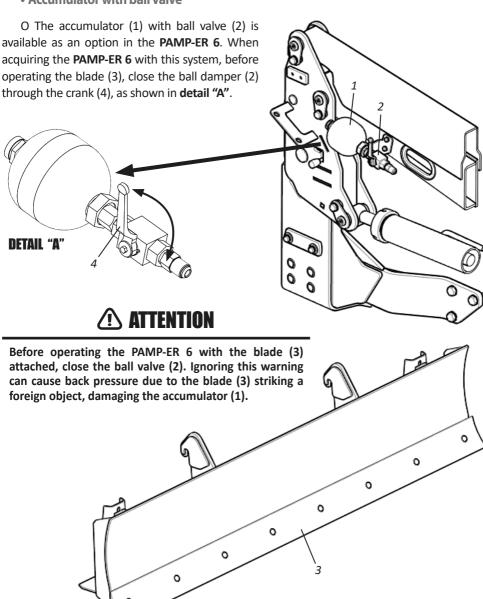
O IMPORTANT

The two blade shoes must have the same adjustment.



Adjustments

Accumulator with ball valve



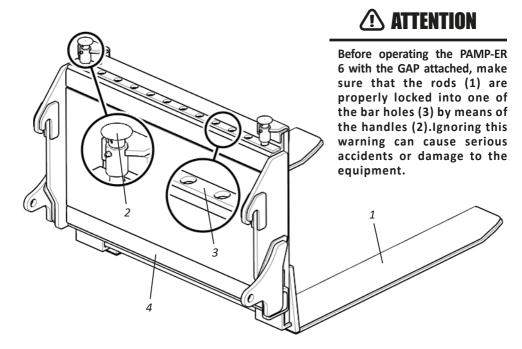


Adjustments

• GAP (Pallet fork)

The pallet fork is optionally available in **PAMP-ER 6**. When purchasing **PAMP-ER 6** with this accessory, before operating it, make the adjustment of the tynes (1), increasing or decreasing their opening, according to the work needs. To adjust the tynes (1), proceed as follows:

- 01 Pull the handle (2) upward, unlocking the rod (1).
- 02 Then, adjust the rod (1) as needed.
- 03 Next, release the handle (2), locking the rod (1) in one of the holes in the bar (3).



• IMPORTANT

The adjustment of the tynes (1) must be the same on both sides, centering them on the bracket (4). Ignoring this warning may cause serious accidents or equipment damage.

O NOTE

When operating PAMP-ER 6 with the GAP attached, do not allow people to stand near or underneath the accessory. Ignoring this warning may cause serious accidents or even death.



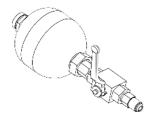
Systems

PAMP-ER 6 systems

ACCUMULATOR WITH BALL DAMPER

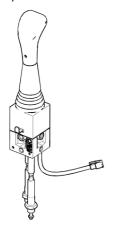
The ball damper accumulator (optional) reduces shocks when working on rough ground and during high speed transport

The accumulator contributes to reducing damage to the chassis of the **PAMP-ER 6** and the tractor



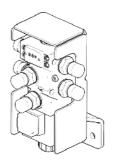
JOYSTICK

The Joystick operation system (optional) allows activating all the functions of the leveler in a simple and immediate manner. To prevent unintentional movements, it is equipped with a safety lock.



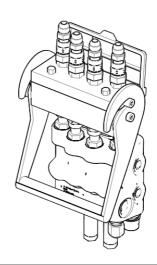
ELECTRIC DIRECTING VALVE

It increases one more stage in the hydraulic circuit without the need to change the hydraulic drive.



MULTIFASTER HYDRAULIC COUPLING SYSTEM

The Multifaster hydraulic coupling system (optional) connects and disconnects the hydraulic circuit in a single operation, providing agility and practicality.





Coupling

Coupling by PAMP-ER 6's own hydraulics

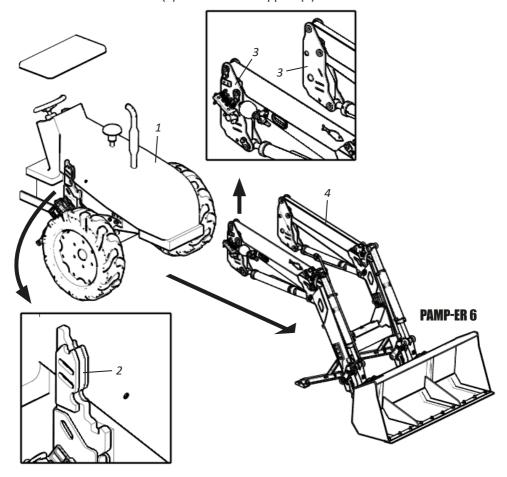


Before starting coupling, make sure that there are no people in the vicinity of the tractor or the PAMP-ER 6. Ignoring this warning may cause serious accidents or even death.

To attach PAMP-ER 6, proceed as follows:

1ST STEP:

Slowly bring the tractor (1) closer to the **PAMP-ER 6**, centering the side frames (2), between the hitch brackets (3) of the mobile support (4).

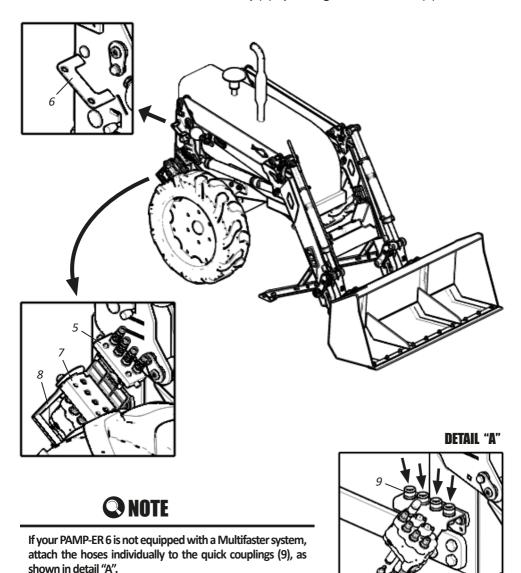




Coupling

2ND STEP:

Then get off the tractor, remove the multifaster male body (5) from the body rest (6), and attach it to the multifaster female body (7) by locking it with the lever (8).





Coupling

3RD STEP:

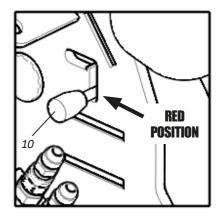
Then pull the lever (10) to the "RED" position.

ATTENTION

PAMP-ER 6 has a lever (10) on both sides. When placing the lever (10) in the red position, repeat this procedure on the other side, leaving both in the same position.

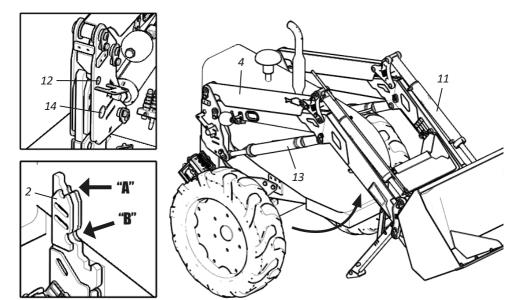
O IMPORTANT

To couple the PAMP-ER 6, leave the lever (10) in the "red" position because the coupling pin acts as a compression spring to lock automatically.



4TH STEP:

Then, climb on the tractor and drive the hydraulic cylinders (11) so that the smaller pin (12) lodges in the concavity "A" of the side frame (2). Then, drive the cylinders (13) so that the larger pin (14) lodges in the concavity "B" of the side frame (2), locking the mobile support (4).

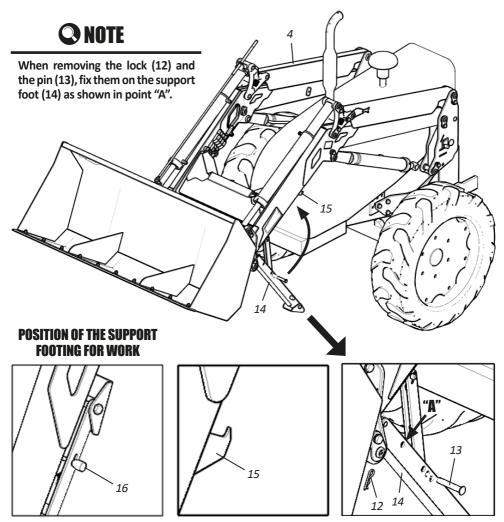




Coupling

5TH STEP

Then, get off the tractor again and release the lock (12), remove the pin (13), and lift the support foot (14) to the coupling plate (15), locking the handle (16).



IMPORTANT

When this step is complete, the PAMP-ER 6 is ready for work Before starting work, make a general overhaul by checking the coupling, the hitch, and the tightness of all components.



Operations

- Operation recommendations
- 01 After the first day of work with the PAMP-ER 6, retighten all screws and nuts, checking the condition of pins and locks. Afterwards, retighten all screws and nuts every 10 hours of work.
- 02 When operating with PAMP-ER 6, try not to use front-wheel drive.
- 03 Maintain travel speed compatible with operation and work site.
- **04** Do not detach any hose without first relieving the circuit pressure. To this end, operate the control levers a few times with the engine off.
- 05 Always couple the tractor at idle and very carefully.
- 06 The PAMP-ER 6 is not designed for stripping and bend lifting services.
- **07** When **PAMP-ER 6** is equipped with the GAS (Silage Fork), take the silage out from top to bottom by moving the hydraulic cylinder until the silage is released.
- 08 Never use front equipment to brake the tractor at speed.
- 09 When not operating the PAMP-ER 6, always keep it well supported on the ground.
- **10** When performing any maintenance on the **PAMP-ER 6**, it must be lowered to the ground and the engine shut down.
- 11 When operating the PAMP-ER 6 attached to the GAP (Pallet Fork), do not exceed the load capacity of 1000 kg. Ignoring this warning could cause serious accidents or equipment damage.
- 12 When operating the PAMP-ER 6 attached to the GAT (Log Fork), do not exceed the load capacity of 1000 kg. Ignoring this warning could cause serious accidents or equipment damage.
- 13 When operating the PAMP-ER 6 attached to the GAF (Agricultural Bale Fork), do not exceed the load capacity of 700 kg. Ignoring this warning could cause serious accidents or equipment damage.
- **14** When operating the **PAMP-ER 6** attached to the WINCH, do not exceed the load capacity of 1000 kg. Ignoring this warning could cause serious accidents or equipment damage.
- 15 Adjust the drive pressure between 140 and 160 bar.

In case of doubt, never operate or handle the PAMP-ER 6, check After Sales. Telephone: 0800-152577 / Email: posvenda@baldan.com.br

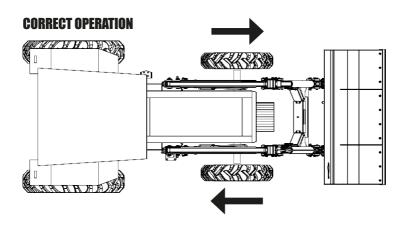


Operations

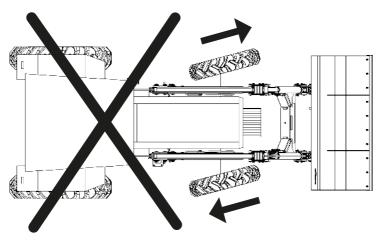
Operational care

TRACTOR

Do not move the tractor sideways during the shovel loading pull, or when using other attachments. Always make forward and backward movements, avoiding exaggerated efforts in the front drive and torsions in the frame.



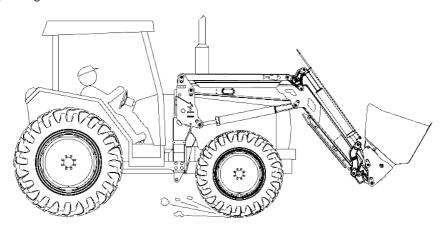
WRONG OPERATION



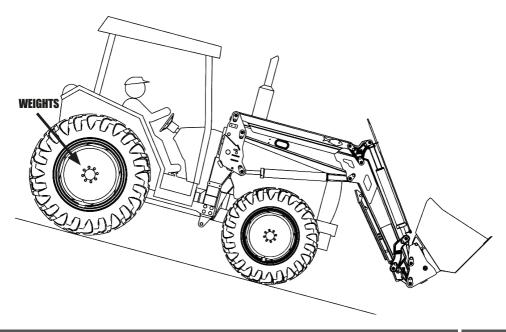


Operations

When working with the **PAMP-ER 6**, avoid using the tractor's front traction, as if activated, it may damage its frame and even the tractor traction.



When moving the **PAMP-ER 6** on steep terrain, to improve stability, it may be necessary to place additional weights on the rear of the tractor. This procedure can prevent the loss of traction on the rear wheels and the tractor overturning.



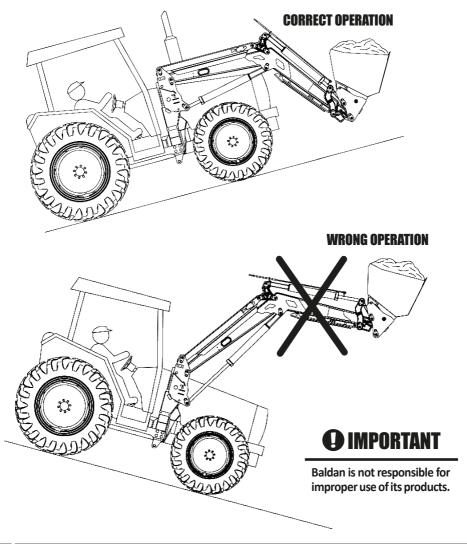


Operations

Correct use

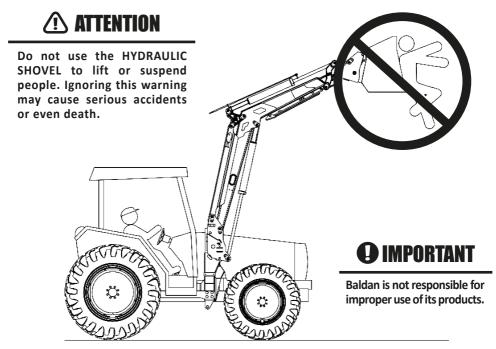
HYDRAULIC SHOVEL

When climbing or descending steep terrain with the **PAMP-ER 6** coupled with the **HYDRAULIC SHOVEL**, make sure that it is always turned to the top of the slope, thus ensuring the stability of the machine and the safety of the operation.

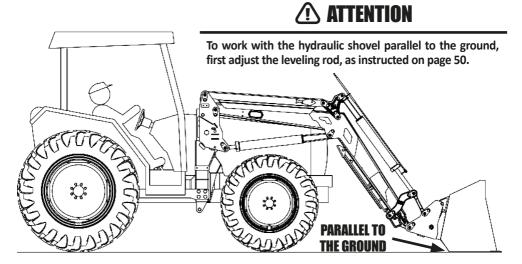




Operations



When operating the **HYDRAULIC SHOVEL**, keep it parallel to the ground, with a sufficient angle to scrape it, without cutting or touching the bottom of the **HYDRAULIC SHOVEL** to the ground.



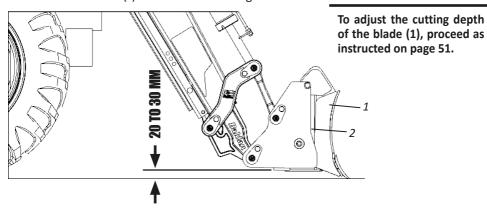


Operations

BLADE

When operating the **PAMP-ER 6** with the **BLADE** (1) attached, make sure that the shoes (2) are 20 to 30 mm off the ground.

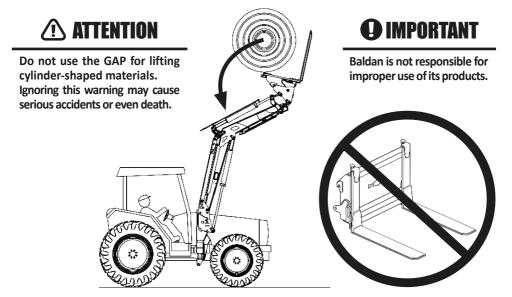




ATTENTION

Incorrect use of the shovel or blade can damage the structure of the PAMP-ER 6. E.g.: Work only with the tip of the shovel or blade in contact with the ground when removing materials.

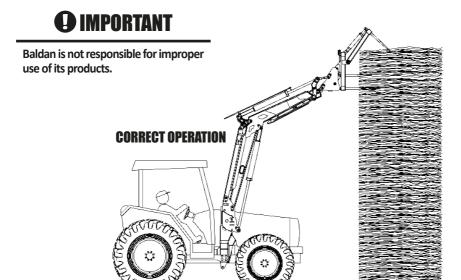
GAP - PALLET FORK

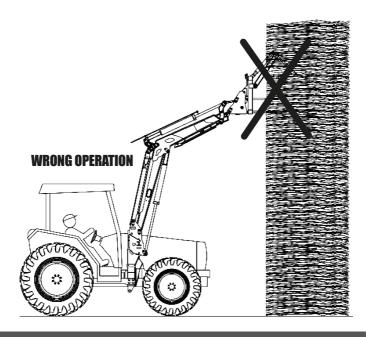




Operations

GAS - SILAGE FORK







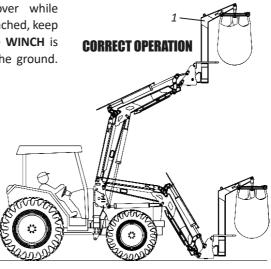
Operations

WINCH

To avoid the risk of tipping over while moving PAMP-ER 6 with the WINCH attached, keep the support fully retracted so that the WINCH is leaning on the support and close to the ground.

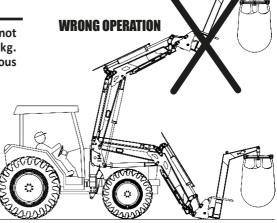
O IMPORTANT

Baldan is not responsible for improper use of its products.



ATTENTION

When working with the WINCH, do not exceed the load capacity of 1000 kg. Ignoring this warning may cause serious accidents or equipment damage.



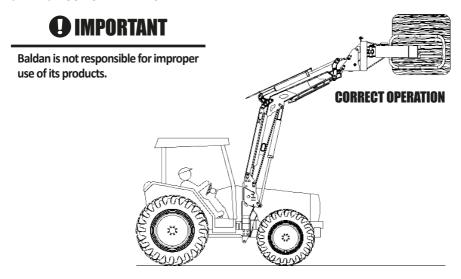
NOTE

When lifting the WINCH to supply trucks or seeders, always look for flat ground and open the bracket as little as possible (1), as the further the WINCH is away from the tractor, the greater the risk of tipping and strain on the front axle, which may also cause structural damage to the PAMP-ER 6 and particularly to the hydraulic cylinders.



Operations

GAF - AGRICULTURAL BALE FORK



ATTENTION

When working with the GAF, do not exceed the load capacity of 700 Kg. Ignoring this warning may cause serious accidents or equipment damage.

WRONG OPERATION



Decoupling

Decoupling by PAMP-ER 6's own hydraulics

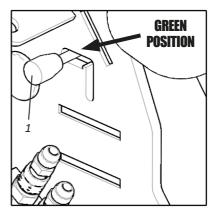


Before starting uncoupling, make sure that there are no people near the tractor or the PAMP-ER 6. Ignoring this warning may cause serious accidents or even death.

To attach PAMP-ER 6, proceed as follows:

1ST STEP:

Pull the lever (1) to the "GREEN" position.



ATTENTION

PAMP-ER 6 has a lever (1) on both sides. When placing the lever (1) in the green position, repeat this procedure on the other side, leaving both in the same position.

IMPORTANT

To uncouple the PAMP-ER 6, leave the lever (1) in the "green" position so that the coupling pin is out of the housing.

NOTE

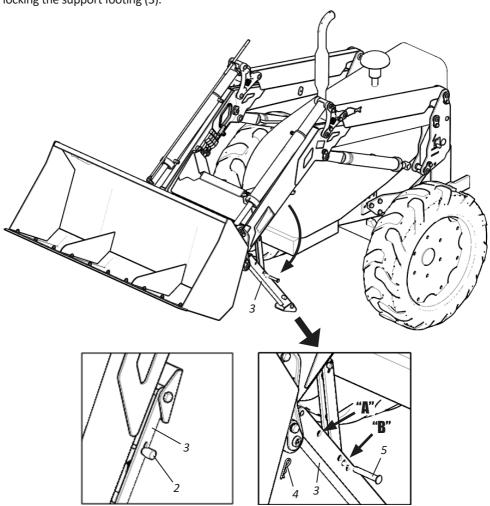
To put the lever (1) in the "GREEN" position, the mobile support must be raised, that is, with the accessory (Ex.: shovel) suspended from the ground. Ignoring this warning will cause the lever (1) to fail to shift.



Decoupling

2ND STEP:

Then, pull the handle (2) to unlock the support footing (3) and lower it. Then, release the lock (4), remove the pin (5) from **point "A"** and place it in **point "B"** fixing it with the lock (4), locking the support footing (3).





The PAMP-ER 6 has a support footing (3) on both sides. When lowering the support footing (3), repeat this procedure on the other side, leaving both lowered in the same position.



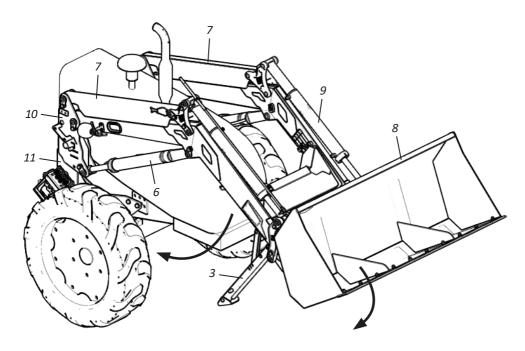
Decoupling

3RD STEP

Then, get on the tractor and drive the hydraulic cylinders (6), lowering the mobile support (7) so that the support footing (3) and the accessory - e.g.: shovel (8) - touch the ground.

Then, operate the hydraulic cylinders (9) to tilt the accessory - e.g. the shovel (8) in order to increase the opening of the hydraulic cylinders (6).

Finally, close the hydraulic cylinders (6) so that the support (10) disengages from the side frame (11).

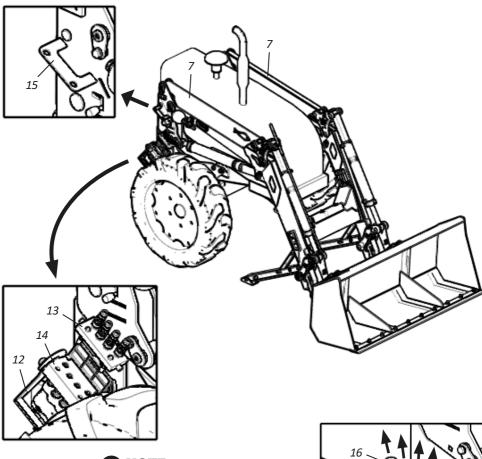




Decoupling

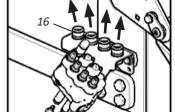
4TH STEP:

After uncoupling the mobile support (7), get off the tractor again and through the lever (12), unlock the multifaster male body (13) from the multifaster female body (14) and remove it by placing it on the body rest (15).



O NOTE

If your PAMP-ER 6 is not equipped with a Multifaster system, unplug the hoses individually from the quick couplings (16) and place them in the center of the body rest (15).

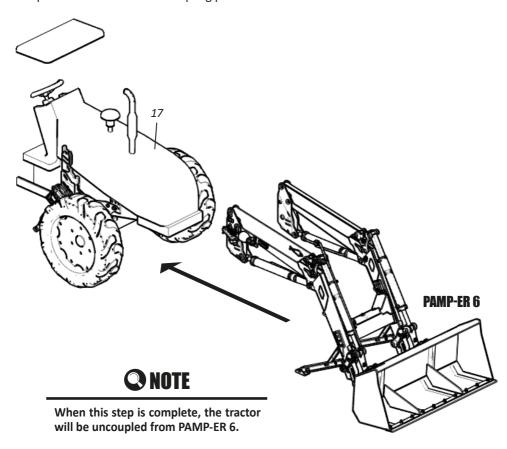




Decoupling

5TH STEP

Then, climb back on the tractor and slowly in reverse drive away the tractor (17) to complete the **PAMP-ER 6** uncoupling procedure.





When the PAMP-ER 6 is uncoupled, do not allow people to stand near or under it. Ignoring this warning can cause serious accidents or even

Whenever you uncouple the tractor from PAMP-ER 6, find a flat, covered place away from children to leave PAMP-ER 6.



The PAMP-ER 6 was developed to provide you with maximum performance over terrain conditions. Experience has shown that periodic maintenance of certain parts of the PAMP-ER 6 is the best way to help you get out of trouble, so we suggest checking it out.



Check the nuts and bolts on a regular basis and retighten them, if necessary. General retightening of equipment should be done every 10 working hours.

Lubrication

Lubrication is essential for a good performance and greater durability of the moving parts of the **PAMP-ER 6**, contributing to saving maintenance costs.

Before starting the operation, carefully lubricate all grease fittings, always observing the lubrication intervals on the next page. Ensure the quality of the lubricant, regarding its efficiency and purity, avoiding using products contaminated by water, earth and other agents.

Table of greases and equivalents

Manufacturer	Type of recommended grease
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
	Tutela Jota MP 2 EP
Petronas	Tutela Alfa 2K
	Tutela KP 2K

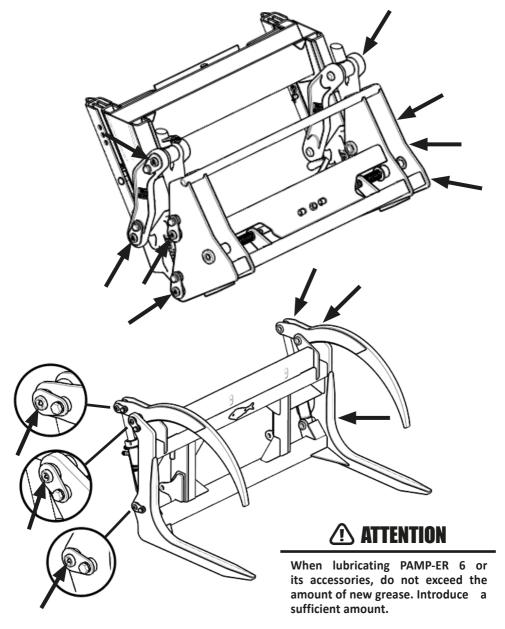


For manufacturers and/or equivalent brands not listed in the table, check the manufacturer's technical manual.



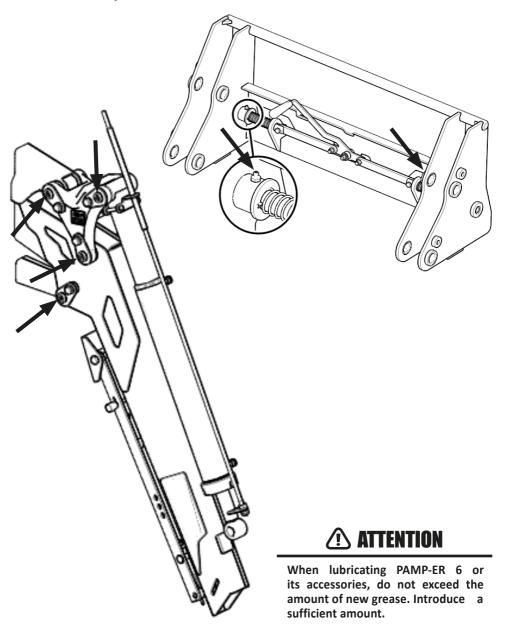
Maintenance

• Lubricate every 10 hours of work





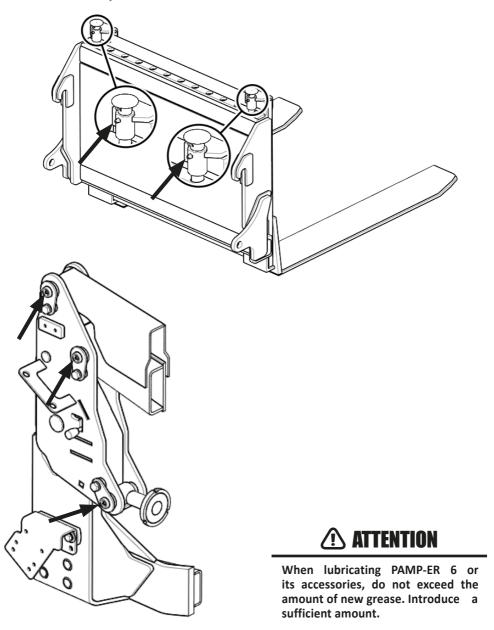
• Lubricate every 10 hours of work





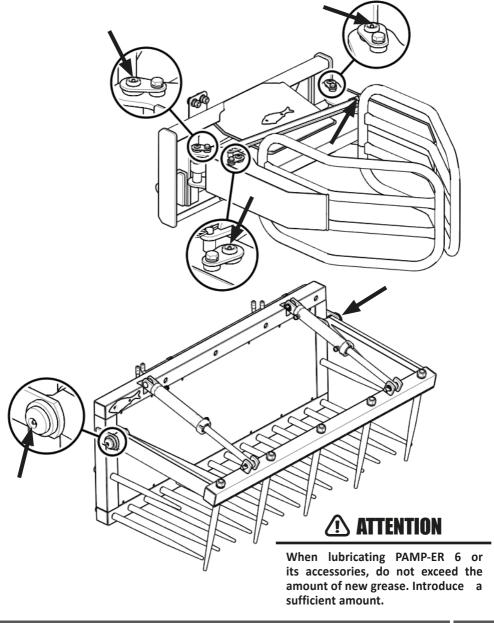
Maintenance

• Lubricate every 10 hours of work





• Lubricate every 10 hours of work

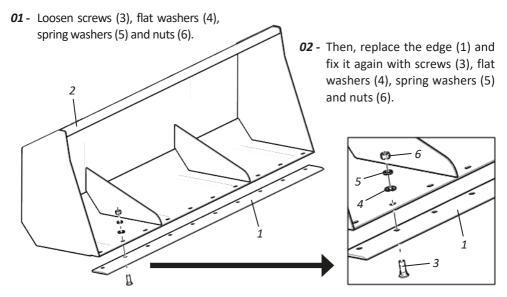




Maintenance

• Hydraulic Shovel (Optional)

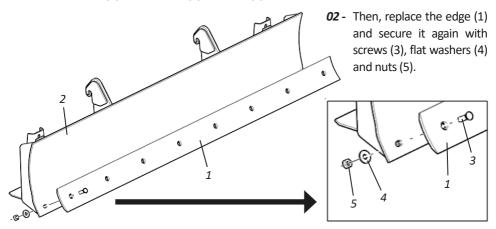
When the knife (1) of the hydraulic blade (2) wears out, replace it as follows:



• Blade (Optional)

When the knife (1) of the blade (2) wears out, replace it as follows:

01 - Loosen screws (3), flat washers (4) and nuts (5).





• Operational Maintenance

PROBLEMS	PROBABLE CAUSES	SOLUTIONS	
Equipment moves slowly,	Oil level too low.	Top up the oil level.	
showing loss of power.	Hydraulic cylinders with internal leaks.	Exchange repairs. Check for damaged sleeve. Replace hydraulic cylinders.	
Equipment has no power.	Low pressure.	Adjust the drive pressure between 140 and 160 bar.	
	Sealing material on the screw thread is missing.	Use thread sealant tape and retighten carefully.	
Leak in hydraulic hoses.	Insufficient tightening.	Retighten carefully.	
	Damaged repairs.	Replace terminals.	
Leak in quick couplers.	Insufficient tightening.	Retighten carefully without excess.	
Leak III quick coupiers.	Damaged repairs.	Replace repairs.	
Equipment does not move.	Inverted hoses.	Fit hoses correctly.	
	Couplings of different brands.	Use quick couplers of the same brand.	
Quick couplers do not couple.	Mixture of needle-type couplings with ball-type couplings.	Always use quick couplers of the same type.	
	Pressure on the system.	Relieve pressure to couple.	
Equipment moves without activating the control levers.	Hydraulic cylinders or drives with damaged repairs.	Identify faulty cylinder and replace the repairs.	



Maintenance

- Care
- **01** Before each job, check the condition of all hoses, pins, and screws. When necessary, retighten them.
- 02 The speed of travel must be carefully controlled according to the terrain conditions.
- **03 PAMP-ER 6** is used in various applications, requiring knowledge and attention during handling.
- 04 Only local conditions will determine the best way to operate PAMP-ER 6.
- 05 When assembling or disassembling any part of the PAMP-ER 6, employ proper methods and tools.
- 06 Observe the lubrication intervals carefully, at the various lubrication points of the PAMP-ER 6.
- **07** Always check parts for wear and tear. If replacement is required, always demand original Baldan parts.



- General cleaning
- 01 When storing the PAMP-ER 6, give it a thorough cleaning and rinse it thoroughly with water only. Check that the paint has not worn off, if it has, give it a general coat, pass the protective oil, and fully lubricate the PAMP-ER 6.
- 02 Fully lubricate the shovel. Check all the moving parts of the PAMP-ER 6, if they show wear or looseness, make the necessary adjustment or replace the parts, leaving the shovel ready for the next job.
- 03 When connecting or disconnecting hydraulic hoses, do not let the ends touch the ground. Before connecting the hydraulic hoses, clean the connections with a clean, lint-free cloth (do not use rags).
- 04 Replace all stickers, especially warning stickers that are damaged or missing. Be sure to make everyone aware of their importance and of the dangers of accidents when the instructions are not followed.
- 05 After all maintenance care, store your PAMP-ER 6 on a flat surface, in a covered, dry place, away from animals and children.
- 06 We recommend that you wash PAMP-ER 6 only with water at the beginning of your work.



Do not use chemicals to wash the PAMP-ER 6, as this may damage the paint on it.

Conservation of the PAMP-ER 6 - Part I

To extend the life and appearance of the **PAMP-ER 6** for longer, please follow the instructions below:

- 01 Wash and clean all components of the PAMP-ER 6 during and at the end of the working season.
- 02 Use neutral products to clean PAMP-ER 6, following the safety and handling guidelines provided by the manufacturer.
- 03 Always carry out maintenance during the periods indicated in this manual.
 - Conservation of the PAMP-ER 6 Part II

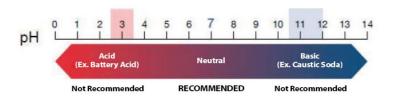
The practices and precautions below, if adopted by the owner or operator, make a difference to the conservation of the PAMP-ER 6.

01 - Be careful when performing high pressure washing;



Maintenance

- 02 Use only water and NEUTRAL detergent (pH equal to 7);
- 03 Apply the product, strictly 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 must be removed with the help of a sponge.
- **05** Rinse the machine with clean water to remove all chemical residues.
- 06 Do not use:
 - Detergents with an acidic active ingredient (pH less than 7), act as a stripper/zinc plating remover (protection of parts against oxidation).



- 07 Let the machine dry in the shade, so that no water accumulates on its components. Drying too quickly can cause stains on the paint.
- 08 After drying, lubricate all grease fittings according to the recommendations in the operator's manual.
- 09 Spray the entire machine, especially galvanized parts, with protective oil, following the manufacturer's application guidelines. The protector also prevents dirt from adhering to the machine, making subsequent washing easier.
- 10 Observe the curing time (absorption) and application intervals as recommended by the manufacturer.

Do not use any other type of oil to protect the PAMP-ER 6 (used hydraulic oil, "burnt" oil, diesel oil, castor oil, kerosene etc).

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

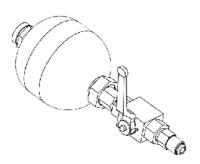
Ignoring the conservation measures mentioned above may result in the loss of the warranty for painted or zinc-coated components that present possible oxidation (rust).



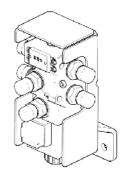
Optional

Optional systems

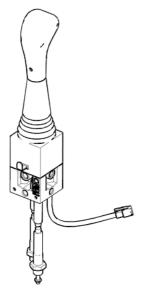
The **PAMP-ER 6** has optional accessories that can be purchased according to the work needs.



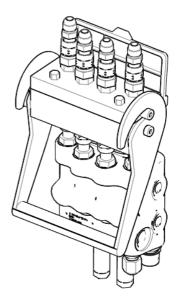
ACCUMULATOR WITH BALL DAMPER



ELECTRIC DIRECTING VALVE



JOYSTICK



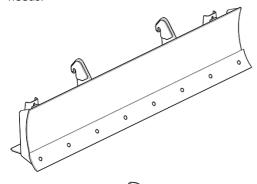
MULTIFASTER HYDRAULIC COUPLING SYSTEM



Optional

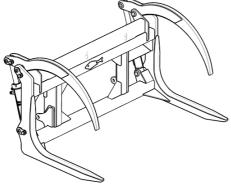
Optional accessories

The **PAMP-ER 6** has optional accessories that can be purchased according to the work needs.



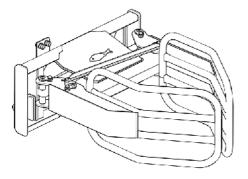
BLADE

Model	Width (mm)	Height (mm)	Weight (kg)
PAMP-ER 6	2400	430	275
PAIVIP-ER 0	2600	430	305



GAT-LOG FORK

Model	Width	Height	Weight
	(mm)	(kg)	(kg)
PAMP-ER 6	1650	1000	305



GAF - AGRICULTURAL BALE FORK

Model	Hay diameter (ø)	Load (kg)	Weight (kg)
PAMP-ER 6	500 to 1500 mm	700	320

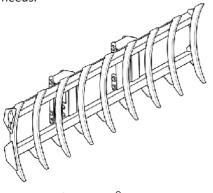
Note: The lift height of PAMP-ER 6 may have slight variations from tractor to tractor due to the tire model and the height of the tractor block in relation to the ground.



Optional

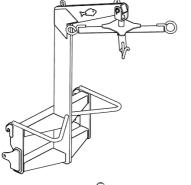
Optional accessories

The **PAMP-ER 6** has optional accessories that can be purchased according to the work needs.



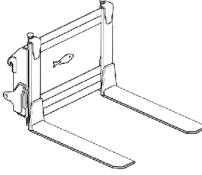
SWATHER

Model	Width (mm)	Teeth
PAMP-ER 6	2300 / 2625	8/9/11



WINCH

Model	Width (mm)	Load (kg)	Weight (kg)
PAMP-ER 6	1000	1000	180



GAP - PALLET FORK

Model	Width	Load	Weight
	(mm)	(kg)	(kg)
PAMP-ER 6	1000	1000	165

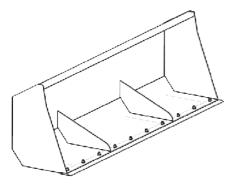
Note: The lift height of PAMP-ER 6 may have slight variations from tractor to tractor due to the tire model and the height of the tractor block in relation to the ground.



Optional

Optional accessories

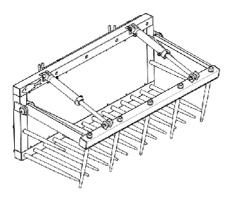
The **PAMP-ER 6** has optional accessories that can be purchased according to the work needs.



HYDRAULIC SHOVEL

Model	Width (mm)	Capacity (m³)	Lift Height (mm)
DAMAD ED C	1700	0,600	2000 (*)
PAMP-ER 6	1900	0,700	3800 (*)

(*) The PAMP-ER 6 tilt angle may vary slightly from tractor to tractor due to equipment positioning and lift height.



GAS - SILAGE FORK

Model	Width	Volume	Weight
	(mm)	(m³)	(kg)
PAMP-ER 6	1600	0,75	310

Note: The lift height of PAMP-ER 6 may have slight variations from tractor to tractor due to the tire model and the height of the tractor block in relation to the ground.



Identification

• Identification plate

In order to consult the parts catalogue or request technical support from Baldan, always indicate the model (1) serial number (2) and date of manufacture (3) which are on the identification plate of your **PAMP-ER 6**.





The drawings contained in this Instruction Manual are for illustrative purposes.



If in doubt, never operate or handle your equipment without contacting Post Sales.

Telephone: 0800-152577

email: posvenda@baldan.com.br

PUBLICATIONS

Code: 60550103730 | CPT: PAMPER607519A





Identification

• Product Identification

Correctly identify the information below to always have information on the life of your equipment.

Owner:
Resale:
Farm:
City:
State:
Warranty cert.:
Implement:
Serial No.:
Date of purchase:
Invoice:





• Notes	



BALDAN IMPLEMENTOS AGRÍCOLAS S/A, guarantees the normal operation of the implement to the dealer for a period of six (6) months from the date of delivery on the sales invoice to the first end user. During this period, BALDAN undertakes to repair defects of material and or manufacture of its responsibility, and the labor, freight and other expenses are the dealer's responsibility.

During the warranty period, the request and replacement of any defective parts must be made to the regional dealer, who will send the defective part for analysis at **BALDAN**.

When such procedure is not possible and the dealer has exhausted its resolution capacity, it will request support from **BALDAN** Technical Assistance, through a specific form distributed to dealers. After analyzing the items replaced by **BALDAN's** Technical Support, and determining that such item is not covered by the warranty, then the dealer will bear the costs related to the replacement; as well as expenses for material, travel including accommodation and meals, accessories, lubricant used, and other expenses arising from requesting Technical Support, and **BALDAN** is authorized to bill such expenses on behalf of the dealer. Any repair made to the product by the dealer within the warranty period will only be authorized by **BALDAN** upon prior quotation describing parts and labor to be used.

This term excludes products that undergo repairs or modifications at workshops that do not belong to the **BALDAN** reseller network, as well as the application of non-genuine parts or components to the user's product. This warranty shall be rendered void when it is found that the defect or damage is the result of improper use of the product, failure to follow instructions or operator inexperience.

It is agreed that this warranty does not cover tires, deposits of polyethylene, cardans, hydraulic components, etc., which are equipment guaranteed by their manufacturers. Manufacturing and/or material defects, described under this warranty term, will not constitute, under any circumstances, a reason for termination of the purchase and sale contract or compensation of any nature.

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.



■ Inspection and delivery certificate

SERVICE BEFORE DELIVERY: This implement was carefully prepared by the sales organization, inspected in all its parts according to the manufacturer's prescriptions.

DELIVERY SERVICE: The user has been informed of the current warranty terms and instructed on the use and maintenance precautions.

I acknowledge that I have been informed of the applicable warranty terms and instructed on the proper use and maintenance of the implement.

Implement:	Serial No.:
Date:	Invoice No.:
Resale:	
Phone:	CEP/Post Code:
City:	State:
Owner:	
Phone:	
Address:	Number:
City:	State:
Email:	
Date of sale:	
Resale Signature/Stamp	

1st copy - Owner:



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I acknowledge that I have been informed of the applicable warranty terms and instructed on the proper use and maintenance of the implement.

Implement:	Serial No:
Date:	Invoice No.:
Resale:	
Phone:	CEP/Post Code:
City:	State:
Owner:	
Phone:	
Address:	Number:
City:	State:
Email:	
Date of sale:	
Resale Signature / Stamp	



Inspection and delivery certificate

SERVICE BEFORE DELIVERY: This implement was carefully prepared by the sales organization, inspected in all its parts according to the manufacturer's prescriptions.

DELIVERY SERVICE: The user has been informed of the current warranty terms and instructed on the use and maintenance precautions.

I acknowledge that I have been informed of the applicable warranty terms and instructed on the proper use and maintenance of the implement.

Implement:	Serial No.:
Date:	Invoice No.:
Resale:	
Phone:	CEP/Post Code:
City:	State:
Owner:	
Phone:	
Address:	Number:
City:	State:
Email:	
Date of sale:	
Resale Signature / Stamp	

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

1.74.05.0059-5

AC MATÃO ECT/DR/SP

RESPONSE CARD

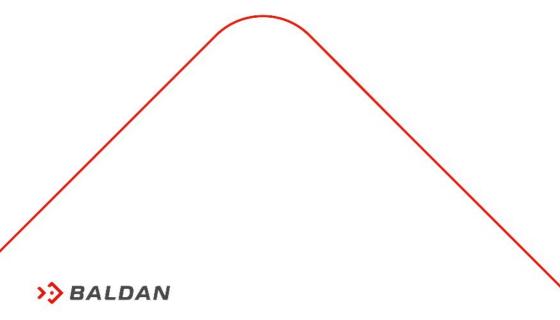
NO STAMP REQUIRED

STAMP WILL BE PAID BY:



BALDAN IMPLEMENTOS AGRÍCOLAS S/A.

Av. Baldan, 1500 | Nova Matão | CEP: 15993-900 | Matão-SP. | Brazil Phone: (16) 3221-6500 | Fax: (16) 3382-6500 www.baldan.com.br | email: sac@baldan.com.br Export: Phone: +55 (16) 3221-6500 | Fax: +55 (16) 3382-4212 | 3382-2480 email: export@baldan.com.br



Avenida Baldan, 1500 Nova Matão 15.993-900 Matão/SP - Brasil sac@baldan.com.br export@baldan.com.br

+55 16 3221 6500 baldan.com.br