



VENCE TUDO

FORTE ATÉ NO NOME



OPERATION MANUAL

FRONT WINCH 2000

Rev. 02/2016

TECHNICAL DELIVERY CERTIFICATE NO. _____

Verify that the information below, is being realized by the re-sale of your preference, and also whether the technical support was effective:

1. Instructions and form of use of the equipment;
2. Form of maintenance, conservation, lubrication and rules for safe use;
3. Settings and proper use of its options;
4. Checking and tightening of points required and verification of settings;
5. Presentation of the operator's manual and parts catalog;
6. Delivery of the box of additional parts, in accordance with the operator's manual;
7. Verification of the correct completion of this certificate.

RETAILER: _____ TEL: () _____
 CITY: _____ STATE: _____ ZIP: _____ - _____
 BILL OF SALE FOR CLIENT NO.: _____ DATE: ____/____/____
 TECHNICIAN OU MECH. RESPONSIBLE: _____
 MACHINE: _____
 MODEL: _____ SERIES: _____ MANUF.: ____/____/____
 OPTIONS: _____

CLIENT: _____
 ADDRESS: _____ TEL: _____
 CITY: _____ STATE: _____ ZIP: _____ - _____

DELIVERY ASSESSMENT AND TECHNICAL SUPPORT	Great	Good	Satisfactory
The delivery of the equipment was made within the deadline			
The technical delivery was made in order to resolve all your queries			(R)
The demonstration of the equipment was carried out satisfactorily			
The equipment was delivered in perfect condition together with its accessories			
In the case of requests for parts or technical support it was processed efficiently			
The re-sale meets the request for parts or technical support <input type="checkbox"/>			

Suggestions:

N.B.: After the checking and execution of all seven (07) items above and the full completion of this document, sign it and send it to the Vence Tudo Customer Services Department, within the maximum period of one year.

The non-sending of this technical delivery certificate, shall prevent warranty analyses.

Signature of the Authorized Re-Seller

Signature of the Client



INTRODUCTION

The Agriculture Tools Industry **VENCE TUDO**, founded in the year of 1964 in Alfredo Brenner, Ibirubá District in Rio Grande do Sul, has been following a mission set out by its founder Nelson Lauxen, which is to seek tirelessly to develop agriculture, through the use of resistant agricultural tools, with easy handling, high quality and productivity gains.

The **VENCE TUDO** mission is: to seek to develop its products based on the needs of its users through partnerships with universities, research centers and its engineering team, continually improving its products within the most technologically advanced concepts.

The products, once developed by the company, are tested extensively by the farmers themselves in the most diverse regions. They are placed under various conditions of use, thus seeking to assess their functionality. Once the field tests are approved, the product goes on to be produced at scale within modern high-quality concepts.

The client's satisfaction with **VENCE TUDO** products is our main concern.

The purpose of this manual is to familiarize you with the operation of your equipment and with the little attention required for it to have a long life. And, as important as learning how to take care of it, and handling it properly, is understanding some aspects that may compromise the warranty, due to neglect, misuse, unauthorized adaptations and other aspects which have to adapt in some way. Consequently, we recommend a careful read of the Warranty Certificate.

The catalog of parts contains all the necessary information for replacing parts. The correct interpretation of this document, will provide you with the tools required to make the necessary replacements in accordance with the equipment models identified and described.

Should you have any query in relation to the working operation, contact **VENCE TUDO LTD.**, so that via the CUSTOMER TECHNICAL SUPPORT department, we can solve any existing issues, improving our customer services even further, and ensuring a strong relationship between **VENCE TUDO** and the FARMER.

May we take this opportunity to thank you for choosing a **VENCE TUDO** product, and may we assure you that we have the utmost interest in keeping you satisfied.

VENCE TUDO
Industry, Commerce, Import,
and Export Ltd.

VENCE TUDO

TO THE VENCE TUDO CUSTOMER

*Farming friend, you are from congratulations when acquiring a product **VENCE TUDO**; the development of our products is based mainly on the user's satisfaction. Your satisfaction in the hour of picking the profits generated through our implements is ours also. Our thought is to assist with the largest seriousness and our trust partner, you farmer, because it is through your profitability that we are in no doubt of building a strong and lucrative agriculture.*

For a production inside of the considered concepts of the high agricultural technology this product was developed. The most modern equipment is used for the industrial manufacture, aiming at the development of a strong and resistant product, which it comes to take care of your needs, with high durability and long useful life.



WARRANTY TERMS Nº _____

The warranty of VENCE TUDO products is assured to the acquirer for the period of one year since the acquisition date, against manufacture or material defect that may cause the operational danger of the product, except for components acquired from mediators, which have their own manufacturer's warranties.

CONDITIONS

- 1- The product has warranty on any registered fabrication defect, as long as all the parts and components have been supplied by VENCE TUDO Limited, and delivered by duly authorized companies or people;
2- The parts and/or components covered by the warranty will only be replaced or compensated if defects are verified by the Technical Assistance or by a person duly authorized by VENCE TUDO Limited. Parts which suffer slow wear and tear, because of operational conditions and factors relate to formation and characteristics of each soil are excluded. The presentation of the technical delivery certificate correctly filled up and the purchase bill are essential.
3- If the conditions of the Warranties Terms are satisfied, VENCE TUDO Limited assures the repair of the defect or component's replacement, for free. In case of canceling or expiration of the warranty terms, the technical assistance will be charged by the price of the service rendered and reposition of parts and components, if necessary.

WARRANTY CANCELLATION

The warranty loses its effectiveness in the following cases:

- 1- Damages caused to the equipment by bad use, abuse, negligence or lack of appropriate maintainance, in disagreement with the manufacturer's instructions published in the corresponding operation manual;
2- Damages caused by accidents or natural agents;
3- Repairs, modifications or violation of parts and components performed by a non-authorized person.
4- Amendments, erasures or exclusion of data in the Technical Delivery certificate, in the Warranty certificate, in the purchase bill or in the identification plaque.

IMPORTANT

If your product shows any problem during the warranty period, contact exclusively your retailer or the manufacturer. The same only should be repaired or dismantled in the presence of a person duly accredited by the manufacturer, as well as the use of original replacement parts, under penalty of warranty loss.

KEEP THE PURCHASE BILL IN A SAFE PLACE, IT IS THE PROOF OF THE WARRANTY TERMS.

CUSTOMER: _____
ADDRESS: _____ CITY: _____ STATE: _____
MODEL: _____ SERIES: _____ YEAR: _____
DELIVERY DATE: ____/____/____
RETAILER: _____ CITY: _____ STATE: _____

I declare faithfully and with incontestable effect that I received, on this date the PRODUCT model: _____ as it is above specified in perfect conservation conditions and the warranty model used was accepted by me.

CUSTOMER: _____
RETAILER: _____

TECHNICAL DELIVERY CERTIFICATE NUMBER: _____

Destaque aqui



CUSTOMER: _____ CITY: _____
ADDRESS: _____ STATE: _____
MODEL: _____ SERIES: _____
RETAILER: _____ CITY: _____
Purchase bill number: _____ Sale's date: ____/____/____

REMIT THIS CERTIFICATE TO THE FACTORY SOON AFTER DELIVERY.



Destaque aqui





I declare having received on this date, the model described previously, according to the specifications above in perfect condition and that the warranty modality is accepted by me.

DATE: ____/____/____

CUSTOMER: _____

DELIVERY DATE: ____/____/____

VENCE TUDO

1 - INTRODUCTION

The Guincho Movimentador de Cargas Frontal 2000 has been developed for agricultural tractors.

The Guincho Frontal 2000 has been developed for meeting the needs of landowners, since its versatility offers wide scope for your working area. You will be able to get more efficient work done due to its potential for load hoisting, with greater agility and less physical efforts.

This manual aims at guiding you on the correct use, safety and maintenance of this equipment. Please read these instructions carefully as well as your tractor manual, in order to know the best way to operate it.

Keep this manual for reference and so it may be forwarded to new operators and owners. VENCE TUDO also provides technical support to help you and your reseller.

Feel free to contact us whenever you need it.

Indústria de Implementos Agrícola VENCE TUDO Importação e Exportação Ltda.



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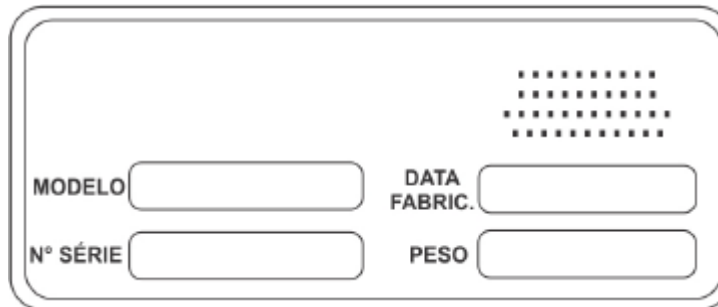
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3 – IDENTIFICATION

The Implement of ACOPLÉ have their ID plate, on which there appears the model, date of manufacture, serial number and weight.

When requesting any type of information from your reseller or directly at the factory, mention the data which appears on the ID plate so that we can serve you better.



.....
.....
.....

MODELO	<input type="text"/>	DATA FABRIC.	<input type="text"/>
Nº SÉRIE	<input type="text"/>	PESO	<input type="text"/>

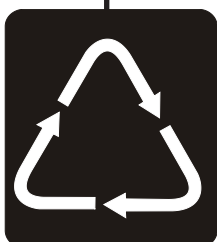
4 - CARE WITH THE ENVIRONMENT

MR. USER !



Let us value nature.

The uncontrollable spilling of residues on the soil and in the water harms the life of all living beings of the planet.



To spill on the soil and in the water lubricating and combustible oils, agrichemical and plastic packings, etc, interferes directly with ecosystem balance from the superficial layer of the soil the underground sheets of water.

Do the appropriate handling of these residues, finding out how to recycle them or to reuse them.

Acting that way you will be contributing to the conservation and the balance of the ecosystem.

IMPORTANT

The straw cutting is a fundamental factor for the efficiency in the planting and establishment of the crop. In no way use handling methods that are not recommended by the technical assistance.

Avoid burning: burning the straw is a crime against the ecosystem, because life on earth depends on it.

Use the straws chopper well regulated and if necessary change the razors.

Use the straws spreader to maintain the uniformity of distribution of the straw layer.

If necessary use straw crushers.

Avoid the use of disk grid in the straw rolling.

5 – SAFETY RECOMENDATIONS

The GUINCHO FRONTAL is a simple implement of high versatility, efficiency and practicability. In order to prevent accidents, it is necessary to strictly follow the safety procedures below:

- **Never drink alcohol or take any medication, since they can lead to loss of reflex and alter the operator's physical conditions.**
- **Always rest the frame of the implement on the ground after use.**
- **Refasten all the screws and nuts.**
- **Make sure that there are no people or animals near the equipment before putting it into operation.**
- **Never stay below the big-bag structure or other accessories, since a hydraulic problem may occur and cause serious accidents.**
- **Avoid operating the hydraulic command while moving.**
- **Use rear ballasts to balance the weight of your tractor and prevent the rear from lifting.**
- **Use appropriate lighting when on roads.**
- **Grease the implement and always keep it in good condition.**
- **Check the hydraulic oil level daily and fill it if necessary.**
- **After use, wash it thoroughly and let it dry.**
- **Redo the painting, if necessary, and change the safety stickers and design.**
- **Grease all lubrication points.**
- **Always keep the GUINCHO FRONTAL in a dry and sheltered place for better condition.**
- **Read carefully all the information contained in this manual and in the safety stickers.**
- **After use, release pressure from the cylinders.**

Important cautions:

The alert symbol used throughout this manual indicates necessary attention to risks. Your safety is involved. Please follow the recommended precautions.

**Important:**

This symbol means special instructions and/or procedures which, if not considered, may result in indirect damages to the safety of your equipment.

**Attention:**

This symbol means special instructions and/or procedures which, if not considered, may result in fatal accidents with personal damage as a consequence.

5.1 – SAFETY STICKERS

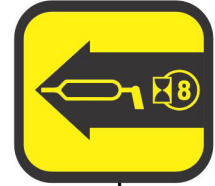


ATENÇÃO/ATTENTION/ATENCIÓN

- Evite acionar a tração dianteira sempre que estiver utilizando a plaina pois poderá danificá-la.
- Respeite os limites de carga especificado pelo fabricante da tração dianteira do trator.
- Sempre que utilizar concha lâmina ou enleirador, procure centralizar o esforço e avance o trator sempre em linha reta.

- Avoid activating the front-wheel drive when using the planer as this action may damage it.
- Respect the load limits specified by the front-wheel drivetractor manufacturer.
- Always use blade shell or enleirador, centralize efforts and advance the tractor always in a straight.

- Evite activar la tracción delantera siempre que esté utilizando el guillame porque podrá dañarlo.
- Respeite los límites de carga de la tracción delantera del tractor especificados por el fabricante.
- Siempre que utilice la pala con lámina o el desenraizador, intente centrar el esfuerzo y avance el tractor en línea recta siempre.



GREASE EVERY
8 HOURS.



ATENÇÃO/ATTENTION/ATENCIÓN

- MOVIMENTAÇÃO DO SISTEMA HIDRÁULICO.
- HYDRAULIC SYSTEM MOVEMENT.
- MOVIMIENTO DEL SISTEMA HIDRÁULICO.



ATENÇÃO/ATTENTION/ATENCIÓN



- Reparar todos os parafusos periodicamente.
- Repair all bolts periodically.
- Reparar todos los tornillos periódicamente.

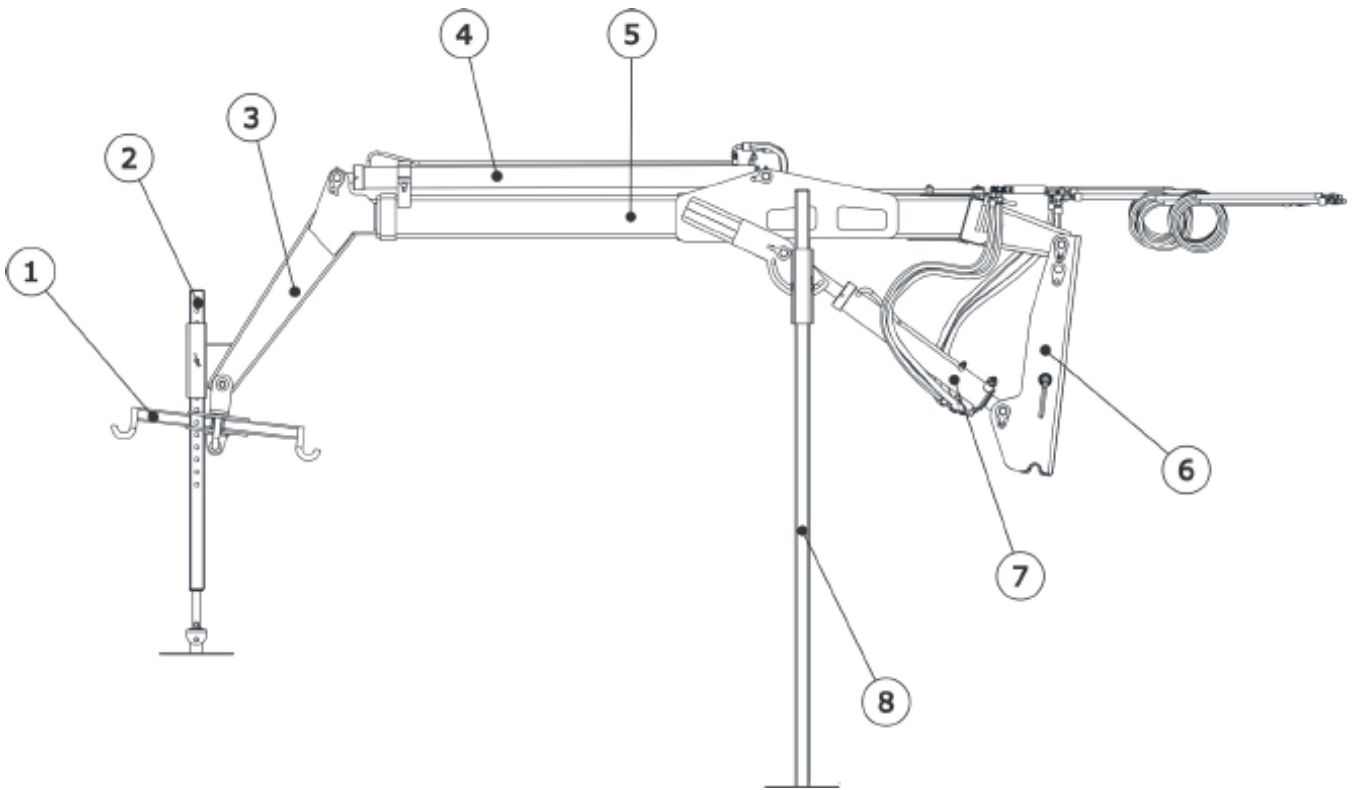
ATENÇÃO/ATTENTION/ATENCIÓN

- Reapertar e lubrificar periodicamente;
- Antes de movimentar certifique-se que ninguém esteja próximo, ou sobre o implemento;
- Leia o manual do operador;
- Assegure-se de conhecer o terreno;
- Utilize velocidade adequada com as condições do terreno ou dos caminhos a percorrer;
- Trabalhe com a transmissão dianteira desligada;
- A não observação das recomendações acima pode ocasionar danos na máquina;

- Do the required lubrication and retighten;
- Be sure nobody is near, on or under the equipment;
- Read the operator's manual;
- Be sure the terrains is know completely, markeng the dangerous locais or obstacles;
- Use adequate speed according to the terrain condition or the ways to pursue;
- Work with frontal transmission turned off;
- the non observation on the requirements mentioned obove, implies in serious damages to the implement;

- Haga la debida lubricación y raprietos;
- Certifiquese que nadie este próximo, sobre o en el implementos;
- Lea manual del operador;
- Asegúrese de conocer completamente el terreno;
- Utilice velocidade adecuada con las condiciones del terreno de los caminos a recorrer;
- Trabajar con la transmisión delantera desligada;
- La no observación de las recomendaciones arriba, implicará serios daños al implemento;

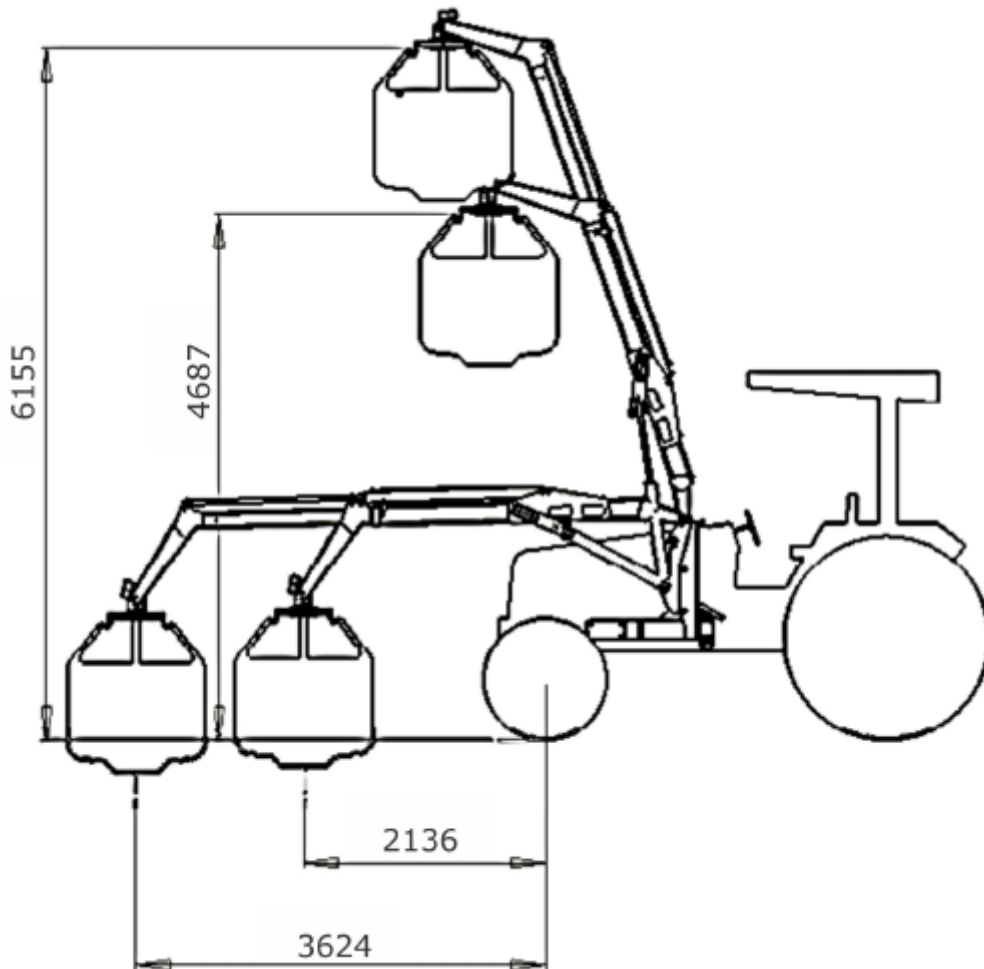
6 – IDENTIFICATION OF COMPONENTS



1 - Big Bag Hook	5 - Frame
2 - Front support leg	6 - Tower
3 - Hoist arm	7 - Rear cylinder
4 - Upper cylinder	8 - Rear support leg

6.1 – TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION: FRONTAL 2000	
MODEL	2000
Maximum height (mm)	6155
Minimum height (mm)	4687
Maximum horizontal reach (mm)	3624
Maximum lifting weight (kg)	1000



7 – ASSEMBLY AND ADJUSTMENT

7.1 – PREPARING THE TRACTOR

Before the assembly of the adapter and attaching the structure to the tractor, it may be necessary to remove or reposition some components, such as: battery, mudguards, running board, counterweight, and tire.

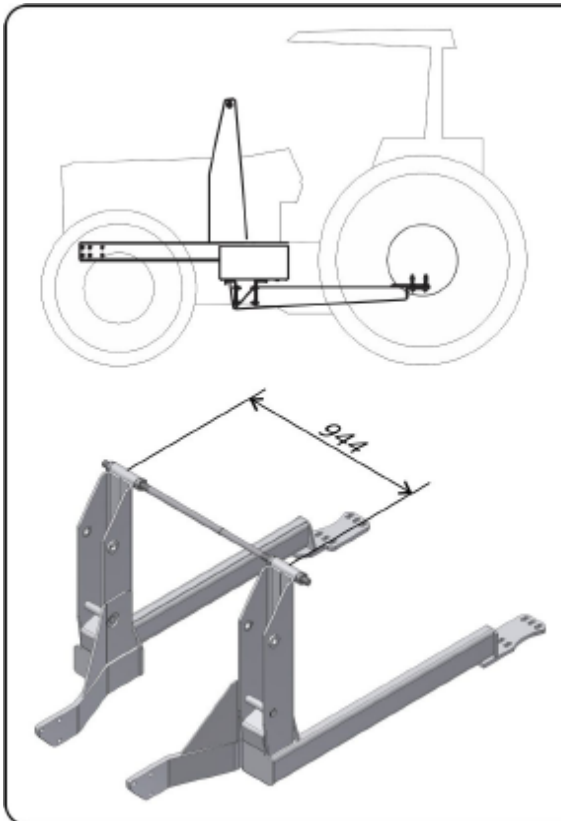
The front mudguards must always be removed for not preventing from turning. Before assembling the FRONT WINCH to the tractor, remove all front counterweight to avoid possible interferences with the FRONT WINCH structure and reduce the load in the front axle. The weight of the adapter itself works as ballast after the counterweight is removed, so we recommend that you put the counterweight on the rear of the tractor.



7.2 – ASSEMBLING THE ADAPTER TO THE TRACTOR

The assembly of the FRONT WINCH to your tractor is generally made by your reseller or manufacturer. However, some repairs to the tractor or the implement may be necessary.

In this case, it is important that you follow the assembly instructions below:

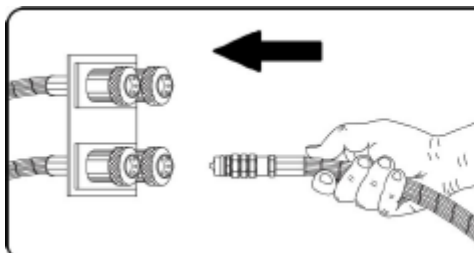


- Assemble the adapter bracket to the tractor. Place the screws without tightening them. Assemble the top tether and then tighten all the screws.

- Notice that both left and right adapter must be aligned and with a distance of 944 mm – or 1044 mm, when it is a special adapter – between them, so that they are exactly parallel to each other.

- Bring the tractor closer to the FRONT WINCH, connect the hydraulic hoses to the hydraulic control terminals. Slowly, bring the tractor near the structures and, if necessary, use the aid on the hydraulic control to complete the coupling.

7.3 – ASSEMBLING THE INDEPENDENT HYDRAULIC SYSTEM



- We recommend that you apply an independent hydraulic system on tractors with low oil flow (below 30L/min) for higher speed in the operations.

ATTENTION

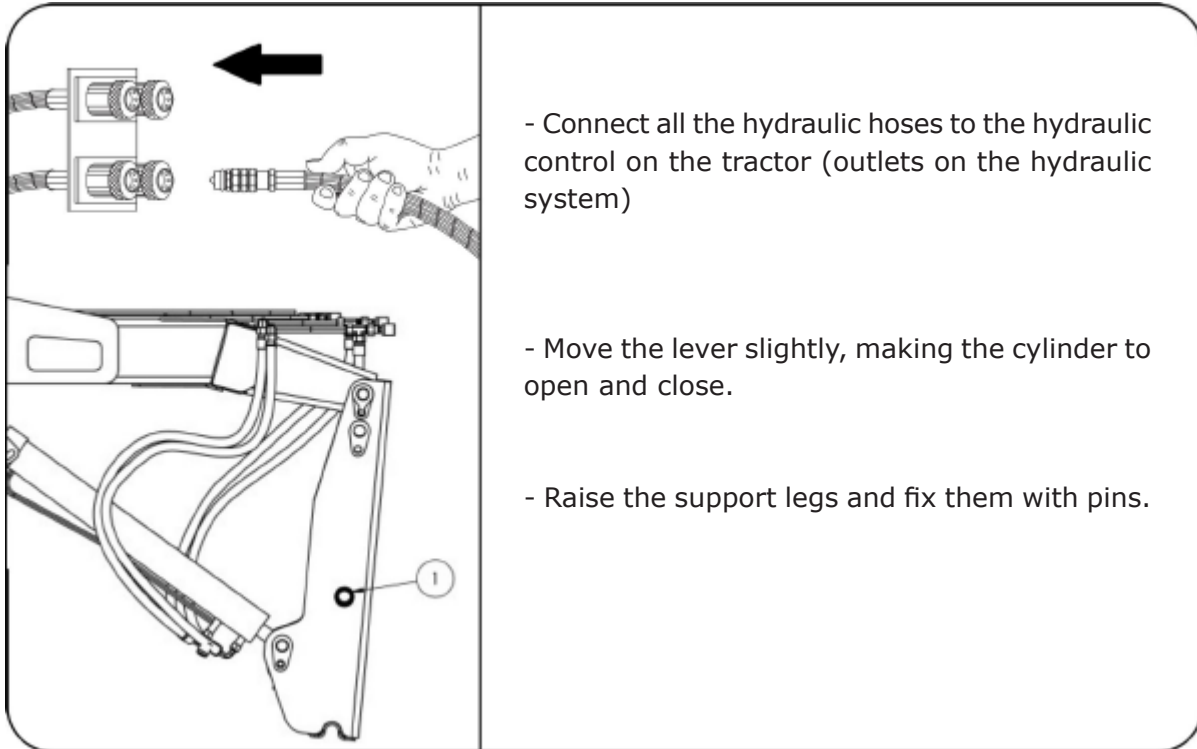


Don't make repairs in the hydraulic system while it is under pressure, since the equipment pressures are high and may cause serious injuries with the hydraulic fluids penetrating the skin.

For making the necessary repairs, let the implement in rest position, slightly move the control to the sides, eliminating the pressure.

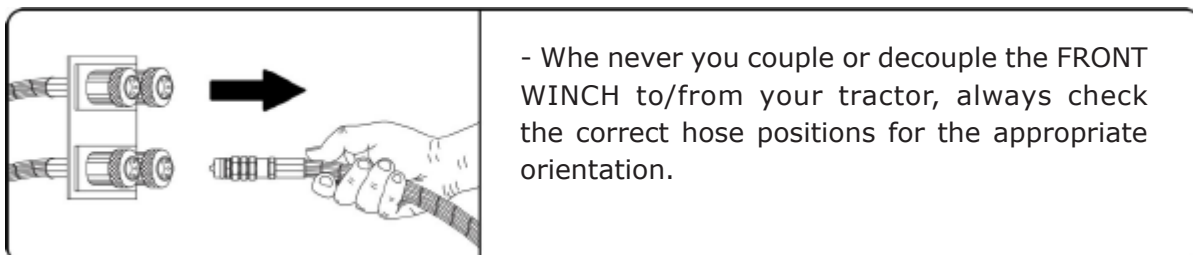
8 – OPERATION AND CONTROL

8.1 – COUPLING THE FRONT WINCH TO THE TRACTOR



8.2 – UNCOUPLING THE FRONT WINCH FROM THE TRACTOR

- Lower the support legs to the ground and level them up.
- Make small movements of opening and closing the bucket cylinder by using the levers on the hydraulic control of your tractor. These movements help ease the pressure from the safety pin.
- Remove the safety pin placed on the tower (1).
- Lower the support legs and drive in the pins.
- Shut down your tractor and ease all pressure from the hydraulic hoses.



8.3 – COUPLING THE HYDRAULIC SYSTEM TO THE TRACTOR

<p>PRESSURE AND RETURN</p> <p>COUPLING TOP</p>	<ul style="list-style-type: none"> - After the coupling of the FRONT WINCH to the adapter is completed, the hydraulic system hoses must be mounted on the hydraulic control of your tractor (outlets of the hydraulic system) located in the rear. Check the correct positions of pressure and return to avoid possible operation problems. - Clean up the hose tails with a clean cloth. Push the plug-in against the support bracket with one hand, while using the other hand to place the hose tails and then quickly let go of the coupling. <p>NOTE: If the hose will not fit in the coupling, ease the pressure by pressing the needle at the top of the hose against a clean surface.</p>
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8.4 – UNCOUPLING THE HYDRAULIC SYSTEM FROM THE TRACTOR

<p>COUPLING TOP</p> <p>CAP QUICK HITCH</p>	<ul style="list-style-type: none"> - When uncoupling the hydraulic system hoses from the hydraulic control, located in the rear of your tractor, you must ease the pressure in the circuit completely. In order to do so, shut down the tractor and drive the cylinders in such a way the accessory rests on the ground. Move the operating lever until there is no more pressure in the hoses. - Uncouple the hoses in the same way they have been coupled. <p>NOTES: After uncoupling the hoses, replace the plugs onto the quick-release coupling to prevent the ingress of dirt.</p>
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ALWAYS make sure the locking and safety pins are completely fitted and attached.



The equipment is not appropriate for logging or land clearing.

8.5 – RECOMMENDATIONS ON THE USE OF THE FRONT WINCH



The FRONT WINCH is a piece of equipment that requires light works in order to prevent the structure from being damaged during certain operations. We recommend it to be used for lifting bagged products, and with the appropriate support.

NOTE: We do not recommend working with heavier loads that may affect your equipment structure or any of your tractor components. The tractor manual should also be checked in this regard.



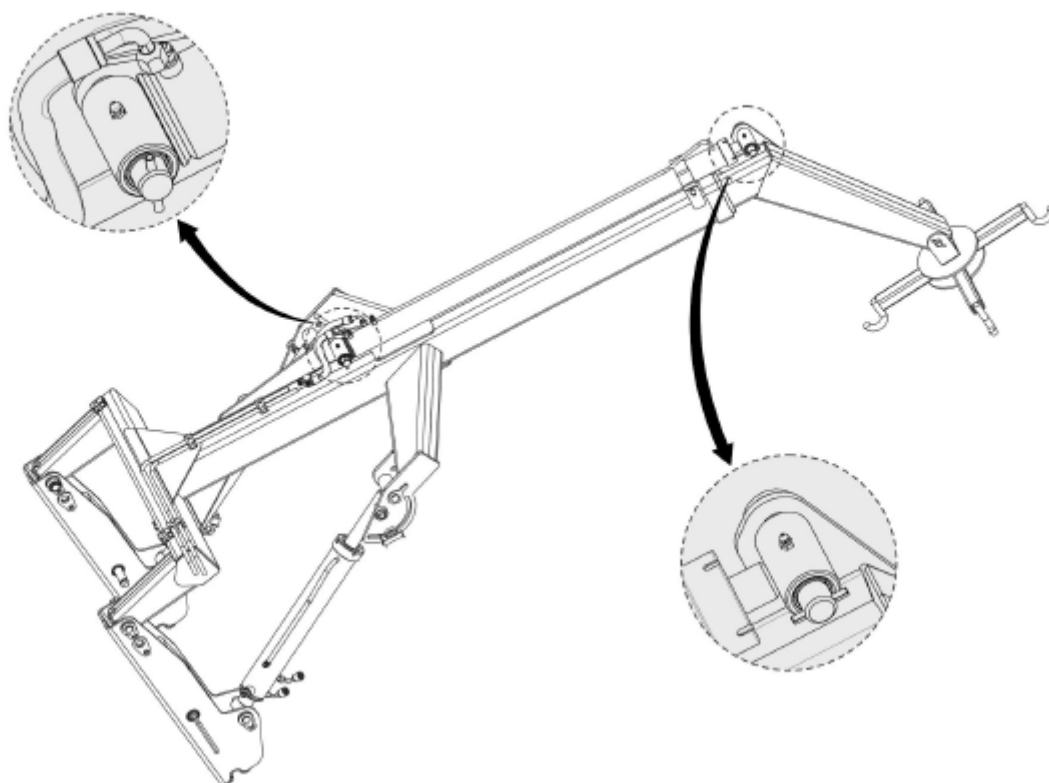
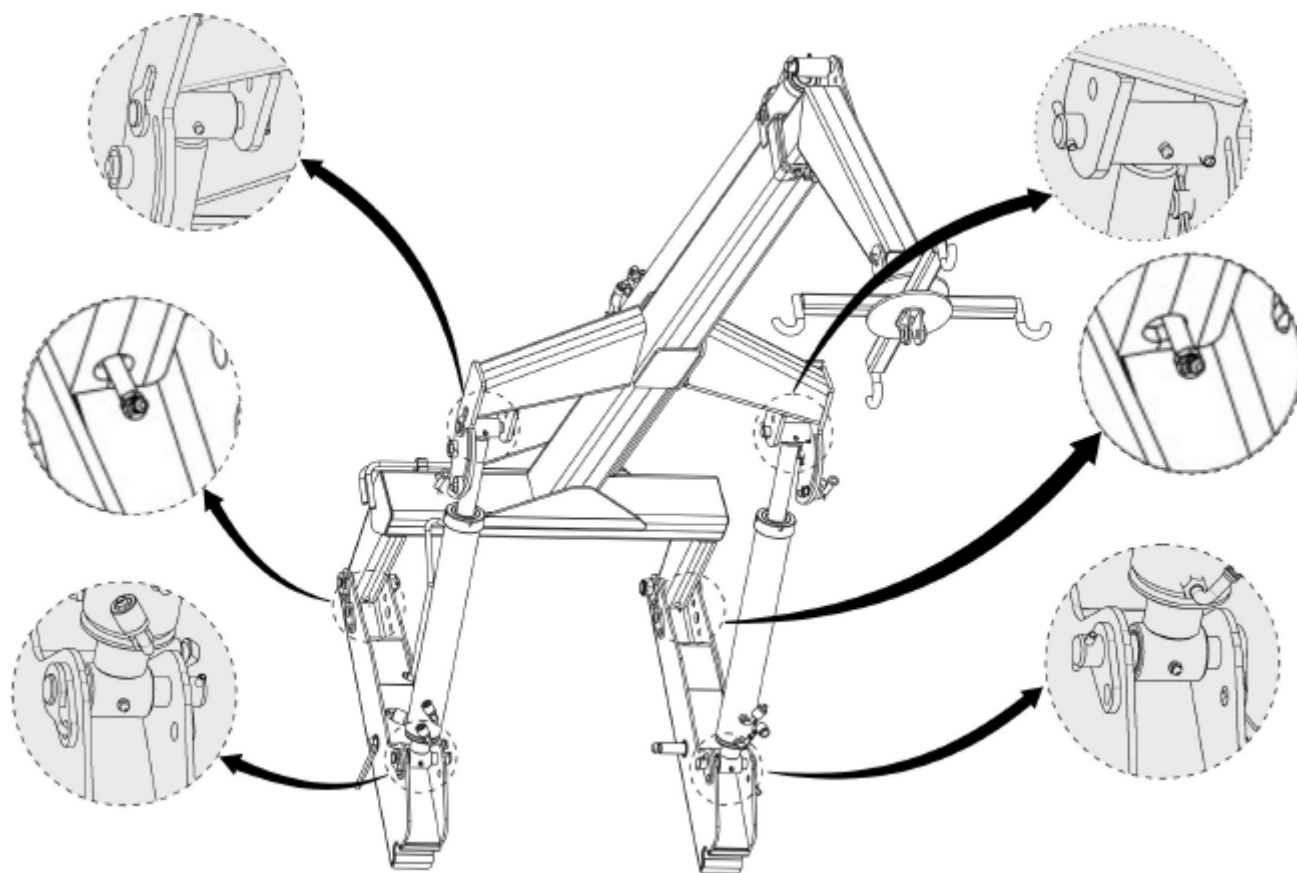
The Indústria de Implementos Agrícola VENCE TUDO will not be responsible for incorrect use of the equipment. For this and other reasons, you are required to carefully read the manual which is provided together with your implement.

9 – PERIODIC MAINTENANCE

9.1 – PERIODIC MAINTENANCE

- Every 8 hours or on a daily basis;
- Daily check the tightness of nuts, pins, screws and other fastening components of your equipment;
- Lubricate (with grease) all lubrication points as indicated in your equipment, and make sure the lubricant is of good quality;
- Check the oil level of your tractor;
- Change the oil of your tractor after 50 hours of work with the FRONT WINCH.

LUBRICATION POINTS



NOTE: Before you begin to operate the FRONT WINCH, we recommend you start the engine of your tractor in order to heat the oil and carry out the operations with your WINCH.

9.2 – RECOMMENDED GREASE:

- ATLANTIC;
- CASTROL;
- ESSO;
- IPIRANGA;
- PETROBRÁS;
- SHELL;
- TEXACO;
- LITHOLINE MP2;
- MOBILGREASE MP;
- BEACON EP 2;
- ISAFLEX EP 2 (padrão da fábrica);
- LUBRAX GMA-2;
- RETINAX OU ALVANIA EP 2;
- MULTIFAK MP 2 OU MARFAK.



Do not throw wastes, oils, filters, batteries, fuels and other pollutants in the environment, since it will harm your health and your family's to the next generations.

Take the used products to correct recycling and work respecting Nature. Nature will appreciate that.



10 – OPERATIONAL MAINTENANCE

PROBABLE CAUSE	RECOMMENDED SOLUTION
1 => HOIST ARMS LOWER WITH NO COMMAND BEING GIVEN.	
Hydraulic cylinder with damaged joint.	Replace the joint.
Hydraulic control with damaged joint.	
2 =>HOIST ARMS TREMBLE WHILE RAISING OR LOWERING THE FRONT WINCH.	
Air in the hydraulic system.	Fill up to the level recommended by the tractor manufacturer.
Low oil level.	
3 =>JOINTS EXCESSIVELY LOOSENED.	
Lack of lubrication in joints.	Replace the locking pins and bushes.
4 =>HOSE WILL NOT CONNECT TO HYDRAULIC CONTROL VALVE.	
Coupling of different types.	Replace them for tails and coupling of the same type.
Pressure in hoses.	Ease the pressure from the hose by pressing the tail top ("male") against a clean and level surface.
5=>HYDRAULIC CYLINDERS DO NOT MOVE OR MOVE WITH DIFFICULTY.	
Uneven pressure of the hydraulic control valves.	Regulate the pressure of the hydraulic control valves.
Hydraulic tubes damaged or flattened.	Replace the hydraulic tubes.
Insufficient pressure of the hydraulic control.	Regulate the hydraulic control through relief valve. Normal pressure 180 kg/cm ² .
Inverted hoses.	Make a visual inspection and install the hoses correctly.
Deffective hydraulic cylinder.	Replace the joints or change the cylinders.
6 => LEAKAGE IN HOSE TAILS.	
End of the hoses' useful life.	Replace them for new original hoses.
7=> LEAKAGE IN HYDRAULIC CYLINDERS.	
Damaged joints.	Replace the joints.
Damaged stem.	Replace the stem.
Impurities in the oil	Change the oil, joints, and filter elements.
Work pressure higher than recommended level.	Regulate the control through the relief valve with the aid of a manometer.
8 => LEAKAGE IN HYDRAULIC CONTROL QUICK-RELEASE COUPLING.	
Work pressure higher then recommended level.	Regulate the hydraulic control through the relief valve.
Joints damaged.	Replace the joints.

NOTE: When performing these operations for the first time, ask your VENCE TUDO reseller for technical support.