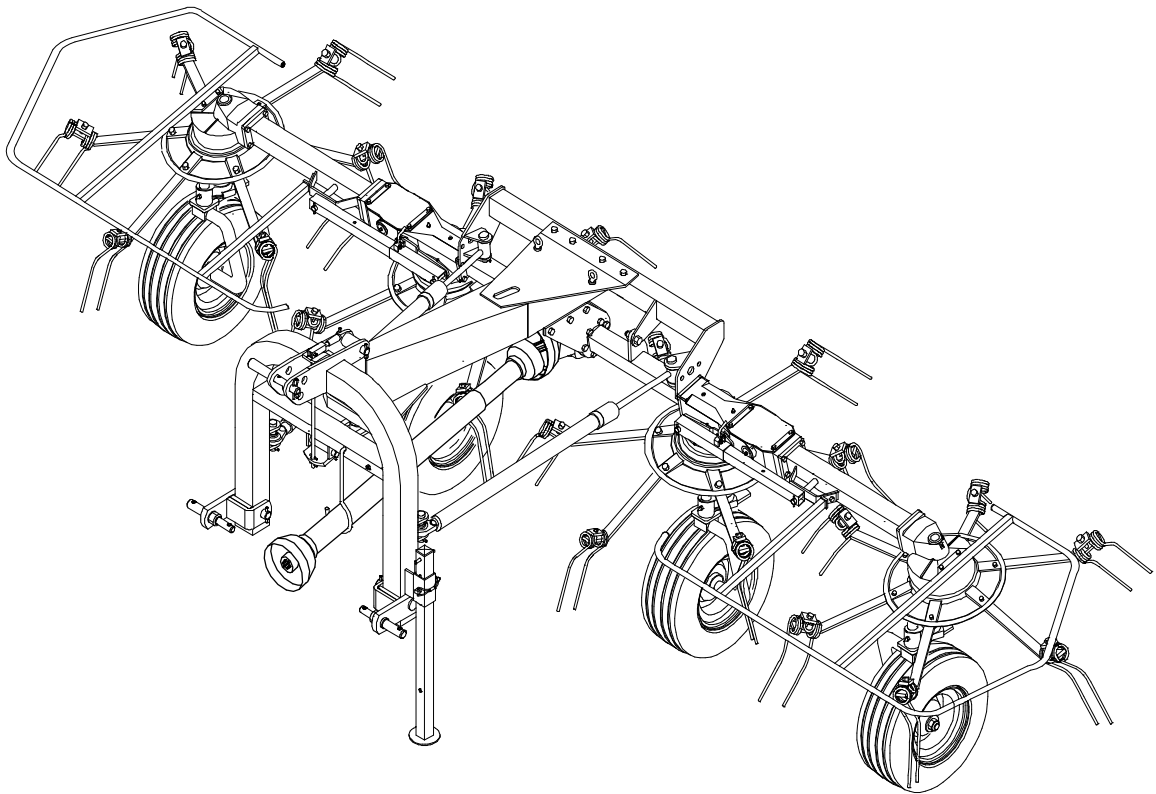


AGRICULTURAL MACHINERY

**sitrex**®  
Spa

# ASSEMBLY, USE AND MAINTENANCE SPARE PARTS LIST

## RT/5200 – RT/5200-H 3<sup>RD</sup> POINT HITCH



# ROTARY TEDDER

04/15

# WARRANTY

On delivery, check that the machine has not been damaged during transport and that all the attachments are present. Claims must be made in writing to the agent within 8 days of receipt.

The manufacturer warrants new machinery at the time of delivery to the original purchaser to be free from defects in material and workmanship if properly set up and operated in accordance with this Operator's Manual.

The manufacturer undertakes to repair or replace free of charge any defective part which should be returned by the purchaser (freight prepaid) and found to be defective by inspection authorized by the manufacturer during the warranty period.

This warranty will be valid for 12 (twelve) months from the delivery of goods to the original purchaser .

In case the customer is not in a position to return the defective part to the manufacturer , the manufacturer cannot be held responsible for any cost due for repair or replacement of any part of the machine , he will only supply the part(s) required for the repair and/or replacement.

The warranty is null and void when it is evident that the machine has been improperly used or however repaired without authorization.

The manufacturer undertakes no responsibility for any obligation or agreement reached by any employers, agents or dealers, which are not in compliance with the above warranty . The manufacturer cannot be held responsible for the consequent damages. This warranty substitutes any other warranty , express or implied , and any other manufacturer's obligation.

## CHAPTER

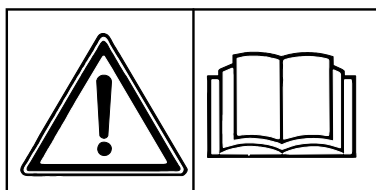
- 1) **GUIDE TO THE SIGNS**
- 2) **General summary of safety and accident-prevention instructions**
- 3) **PRODUCT IDENTIFICATION**
- 4) **DELIVERY AND ASSEMBLY**
- 5) **ADJUSTMENT, PREPARATION AND USE**
- 6) **MAINTENANCE**
- 7) **SPARE PARTS LIST**

# 1) GUIDE TO THE SIGNS AND SYMBOLS USED ON THE MACHINE

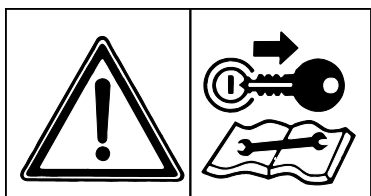
## IMPORTANT

These signs and symbols give information to the operator on how to make the best use of the machine so as to prolong life, avoid damage, optimise work and, above all, to avoid injury to the operator and anyone within range of the machine.

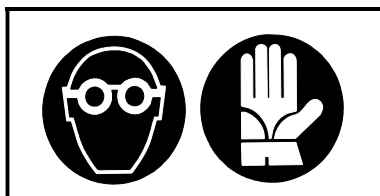
### WARNING SIGNS



1) Before beginning operations, read the instruction manual carefully.

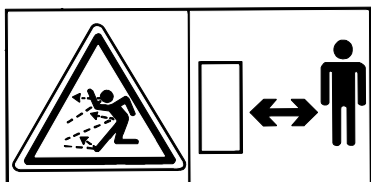


2) Before doing any maintenance or repair work, stop the machine at a suitable spot. Turn off the tractor motor, apply the brake, remove the key from the ignition and consult this manual.

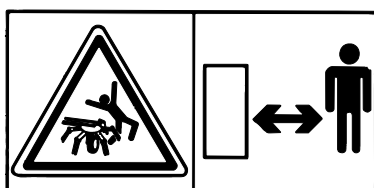


3) This is a warning to use proper accident protection when carrying out maintenance and repairs

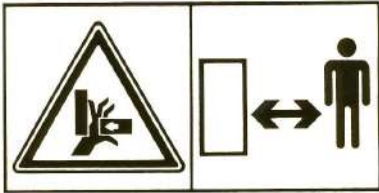
### DANGER SIGNS



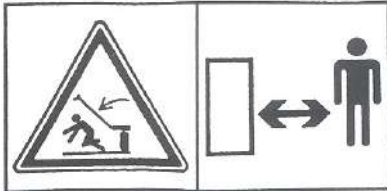
4) Risk of possible ejection of blunt objects. Keep a safe distance from the machine



5) Indicates that anyone coming within range of the moving tine arms will be seriously injured. Keep a safe distance from the machine.



6) Indicates that there is a risk of crushing your hands. Keep your distance.



7) Indicates danger caused by accidental fall of suspended arms. Keep safe distance.



8) Indicates that it is dangerous to touch the cardan (P.T.O.) shaft.

For all the other information regarding the cardan shaft, see the use and maintenance booklet specifically for the cardan shaft which, together with this manual, makes up the documentation on safety, use and maintenance of the machine.

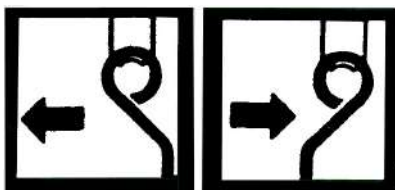
## INDICATION SIGNS



9) Indicates a greasing point.



10) Shows the direction of rotation of the power takeoff and the maximum number revolutions.



11) Indicates position of the tines on the rotors and their direction of rotation.

# GENERAL SUMMARY OF SAFETY AND ACCIDENT PREVENTION INSTRUCTIONS

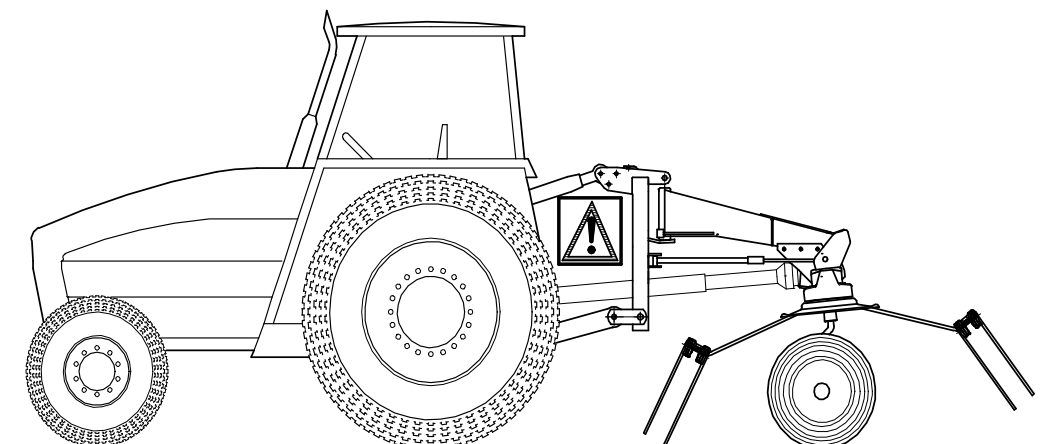
Read all the instructions carefully before using the machine. When in doubt seek advice from the manufacturing company.

The manufacturing company declines all responsibility for non-compliance with the following safety and accident prevention instructions.

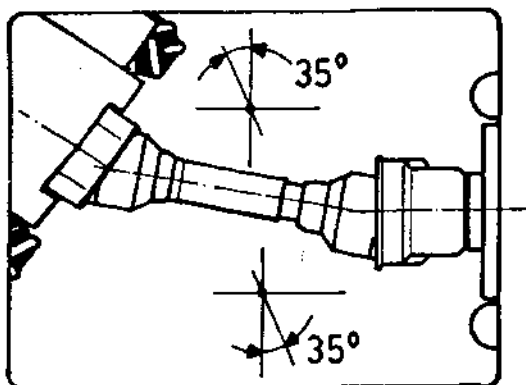
1. Pay attention to the danger signs and symbols in this manual and on the machine.
2. Do not touch moving parts.
3. All work on the machine (including adjustments) must always be carried out with the tractor immobilised and the engine switched off.
4. On no account may persons or animals be carried on the machine.
5. Driving the tractor with the machine connected is absolutely forbidden to persons lacking suitable experience, or who are in poor health, or who are too young or do not have a suitable driving licence if travelling on the highway.
6. All accident prevention measures recommended in this manual should be scrupulously observed.
7. Connecting the machine to the tractor creates a different weight distribution on the tractor axles and so it is essential to ensure that the tractor-machine combination is stable in all anticipated working condition. It is therefore necessary to have exact instructions from the tractor manufacturers. If such instructions are not available, suitable tests should be conducted in safe conditions in order to assess stability.
8. Once the machine is connected it can only be controlled through a Cardan (P.T.O.) shaft complete with the required overload protection and guard secured with the appropriate small chains. Be aware of the rotational direction of the Cardan (P.T.O.) shaft.
9. Before operating the tractor and machine, check that all transport and operational safety devices are complete and working.
10. When driving on public roads, you should comply with the highway code regulations for the country concerned.
11. Do not exceed the tractor axle maximum weight and the total mobile weight.
12. Before starting work, familiarise yourself with the control devices and how they work.
13. Wear suitable clothes. Do not wear clothing which is loose or which could become entangled in rotating or moving parts.
14. Connect the machine to a suitably powerful tractor by using an appropriate lifting unit and in accordance with instructions.
15. Take maximum care when connecting and disconnecting the machine to and from the tractor.



16. The machine and any road transport attachments must bear the appropriate signs and symbols and have suitable protection.
17. Never leave the driving seat when the tractor is running.
18. It is extremely important to appreciate that road-holding, steering and braking may be significantly affected with the machine attached.
19. When turning corners with the machine attached, be aware of the fact that the centrifugal force will alter due to the change in the centre of gravity.
20. Before engaging the power takeoff, check the pre-set revolution speed, **MAXIMUM** 540rpm. Do not use 1000rpm drive.
21. Under no circumstances should anybody stand near the machine or any moving parts. It is the duty of the operator to ensure that this requirement is respected.
22. Before leaving the tractor, lower the machine with the lifting unit, stop the engine, apply the parking brake and remove the ignition key from the instrument panel.
23. Under no circumstances should anybody go between the tractor and the machine (Fig.1) when the engine is running and the Cardan (P.T.O.) shaft is engaged, especially without first having applied the parking brake and placed chocks against the wheels.
24. Before connecting or disconnecting the machine to or from the 3-point linkage, put the lifting unit lever into the locked position.
25. The connection pins on the machine must match the connection sockets on the lifting unit.
26. During transport, stop machine sway, secure the lower lift arms with the stabilisers or check chains.
27. When the machine is raised during road transport, put the tractor's hydraulic lift control lever into the locked position.
28. Only use the Cardan (P.T.O.) shaft provided by the manufacturer and, in case of replacement, substitute it with one having the same characteristics.
29. Regularly check all protection guards on the Cardan (P.T.O.) shaft. These should always be in excellent condition and securely fixed.
30. It is important to ensure that the protection on the Cardan (P.T.O.) shaft is complete.
31. Connection and disconnection of the Cardan (P.T.O.) shaft must be carried out with the engine stopped and switched off.
32. Pay particular attention to the correct connection and safety of the Cardan (P.T.O.) shaft and the power takeoffs on the machine and the tractor.



- 33. Prevent the Cardan (P.T.O.) shaft protection from rotating using the chains supplied.
- 34. Before engaging the power takeoff, make sure that there are no people or animals in the vicinity and that the selected engine speed corresponds to the Cardan (P.T.O.) speed permitted. 540rpm **MAXIMUM**.
- 35. Do not engage the power take-off when the engine is not running.
- 36. Always disengage the power take-off when the Cardan (P.T.O.) shaft is at too wide an angle (it should never be more than 35° - Fig.2) and when it is not in use.

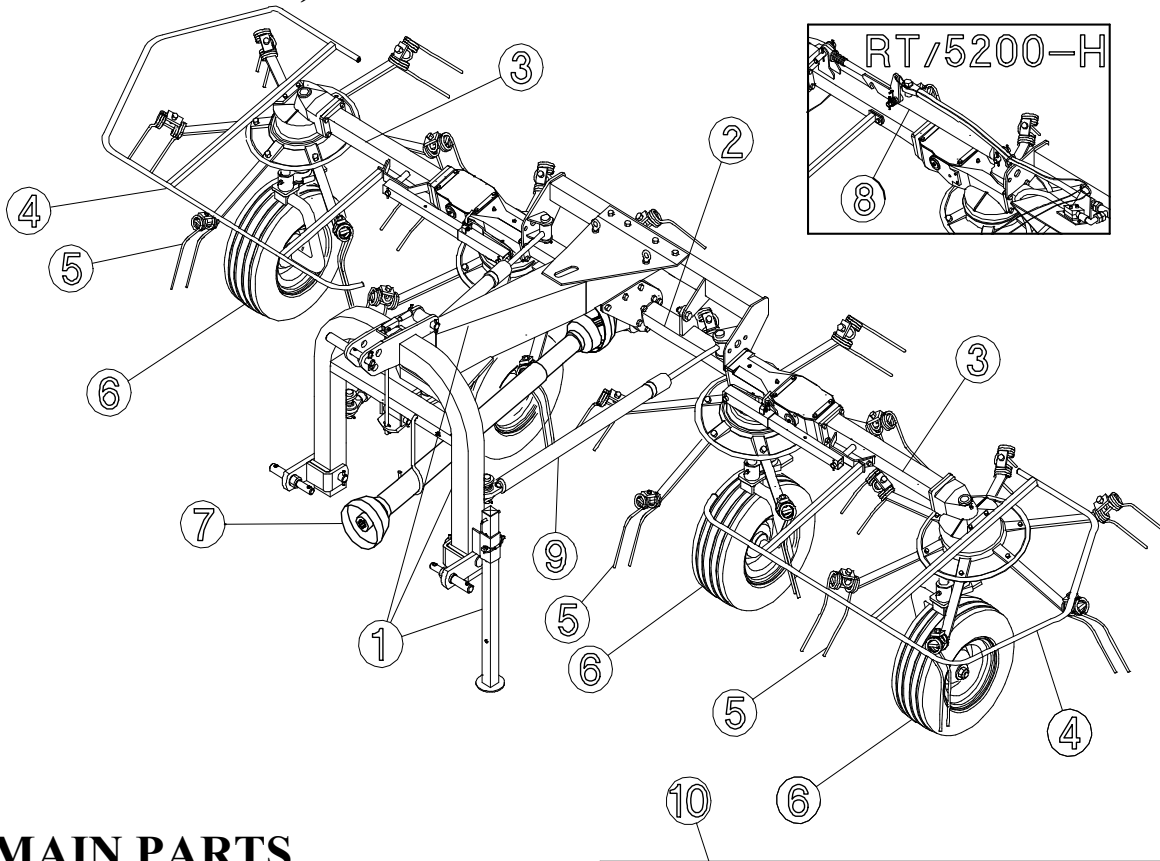


**FIG.2**

- 37. Only clean and grease the Cardan (P.T.O.) shaft when the power takeoff is disengaged, the engine is off, the parking brake is applied and the ignition key is removed.
- 38. When the Cardan (P.T.O.) shaft is not in use, rest it on the support provided.
- 39. On disconnecting the Cardan (P.T.O.) shaft, replace the protective cover on the power input (gearbox) shaft.

- 40. Prolonged use of the machine can cause the drive boxes (Fig.4) to become hot. To avoid any risk of getting burnt, avoid touching these areas both during use and some time afterwards.
- 41. Periodically check screws and nuts for tightness and grip. Tighten as necessary.
- 42. When the machine is raised for maintenance work and tine replacement, put suitable supports under the machine as a safety precaution.
- 43. Ensure that the recommended grease is used.
- 44. Spare parts must meet the requirements as defined by the manufacturer. Use only original spare parts.
- 45. Safety decals must always be clearly visible. They must be kept clean and replaced if they become too illegible (they can be ordered from the dealer if necessary).
- 46. The instruction booklet must be available to all users for the lifetime of the machine.

### 3) PRODUCT IDENTIFICATION



#### MAIN PARTS

- 1) 3<sup>RD</sup> POINT HITCH, DRAWBAR AND PARKING STAND
- 2) MACHINE BODY
- 3) RH AND LH LATERAL ROTORS
- 4) RH, CENTER AND LH GUARD
- 5) RH AND LH TINE ARM
- 6) WHEEL ASSEMBLY
- 7) CARDAN SHAFT
- 8) HYDRAULIC KIT (only for RT/5200-H)
- 9) SHOCK ABSORBER
- 10) IDENTIFICATION PLATE



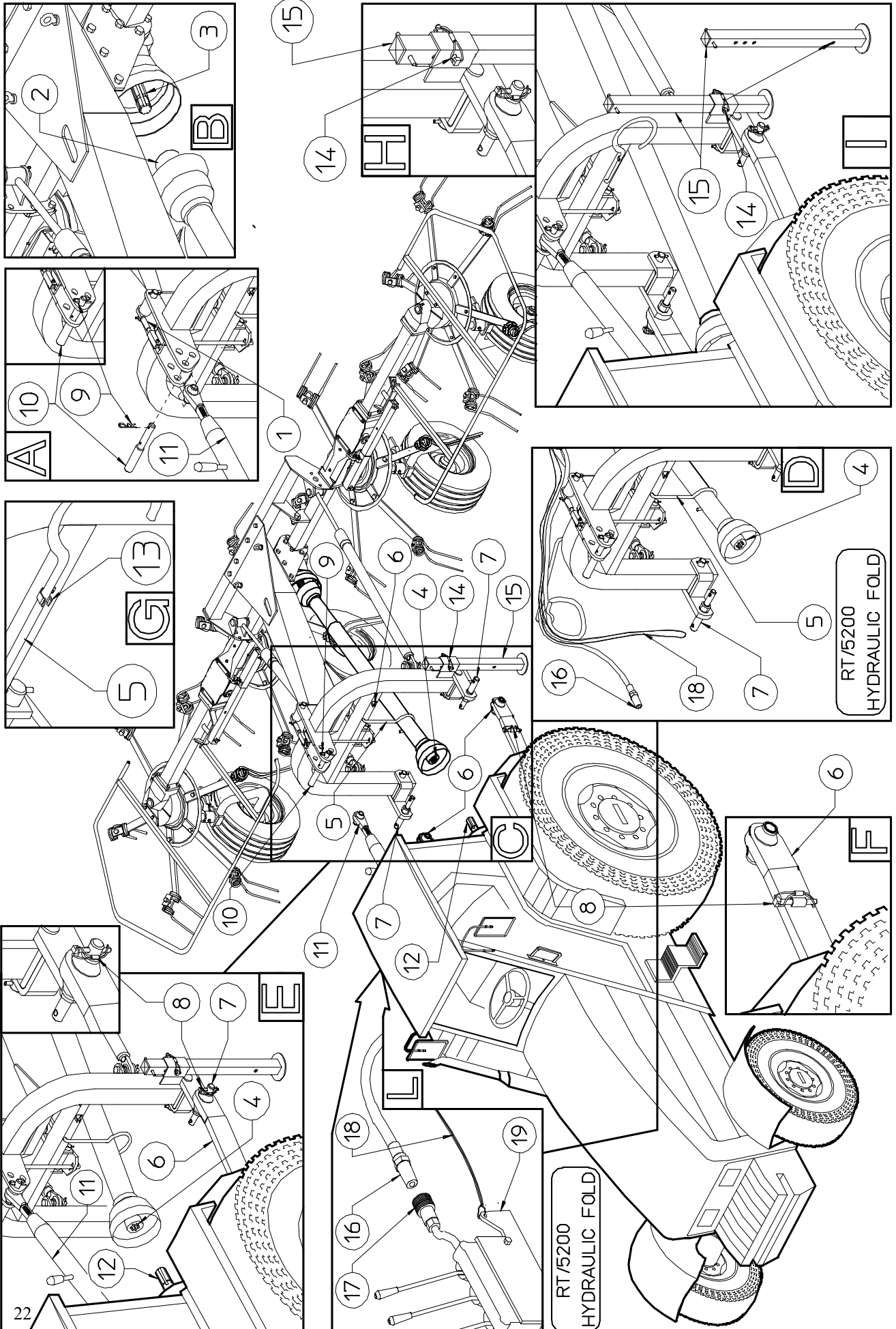
#### TECHNICAL DATA

SPECIFICATIONS	RT/5200	RT/5200-H
	Manual fold	Hydraulic fold
Number of rotors	4	4
Tine arms per rotor	6	6
Working width	17' ( 5,20 m)	17' ( 5,20 m)
Transport width	10' 3" (3,15 m)	10' 3" (3,15 m)
Weight	1075 lbs (490 kg)	1090 lbs (495 kg)
Tire	16x6.50-8	16x6.50-8
PTO Tractor requirement	25 hp (18 kw)	25 hp (18 kw)
PTO slip clutch	Standard	Standard
Operating speed	10 mph (16 Km/h)	10 mph (16 Km/h)

All data are indicative. Sitrex reserves the right to change them without advance notice.



# 5) ADJUSTMENT, PREPARATION AND USE



# 5) ADJUSTMENT, PREPARATION AND USE

## INTRODUCTION

Connection to the tractor is highly dangerous. Take great care and carry out the entire operation in strict compliance with the following instructions. Nobody should go near the area between the tractor and the machine. Check that all warning and danger signs are in place and legible. Check that the tractor is in good running order. Refer to the tractor operator's manual.

## ATTACHMENT OF MACHINE TO THE TRACTOR

The lever 1 must be positioned horizontally (see Fig. A). Apply the end 2 of the cardan to the socket on the machine 3 (see Fig. B). Rest the end 4 of the cardan on the support 5 (see Fig. C-D). Connect the lifting arm 6 to the pins 7 of the machine and fasten with the split pins 8 (see Fig. C-D-E-F). Remove the split pin 9 and the pin 10, connect the tie-rod (or hydraulic cylinder) 11 to the 3<sup>rd</sup> point hitch and fasten with the pin 9 and the split pin 10 (see Fig. A-C-E). Connect part 4 of the cardan to the socket on the tractor 12 (see Fig. C-D-E). Secure the cardan shaft 5 to the fastener 13 (see Fig. G). Remove the split pin 14 and lift the support leg 15, then lock the support leg back into place by inserting the split pin 14 into the hole in the bottom of the support leg 15 (see Fig. H-I). RT/5200 hydraulic fold: at this point the quick-release coupling 16 should be attached to the tractor coupling 17 (see Fig. D-L). Fasten the rope 18 to lever 19 (see Fig. D-L).

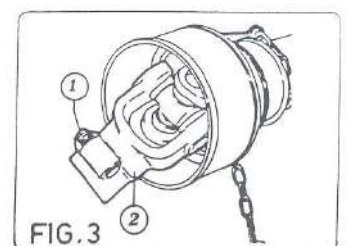
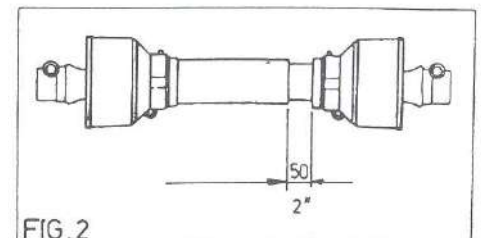
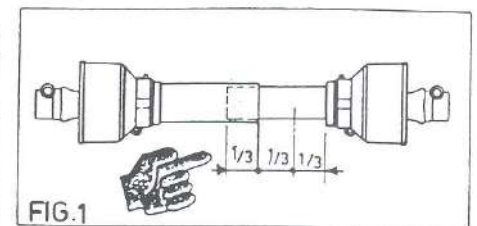
## CONNECTING CARDAN SHAFT INFORMATION

More detailed information may be found in the cardan shaft manual which, together with this manual, is an essential part of the accident-prevention documentation. It is your responsibility to read and comply with this documentation. If information given in this manual should conflict with that given in the cardan shaft manual, you should follow the instructions given by the cardan shaft manufacturer.

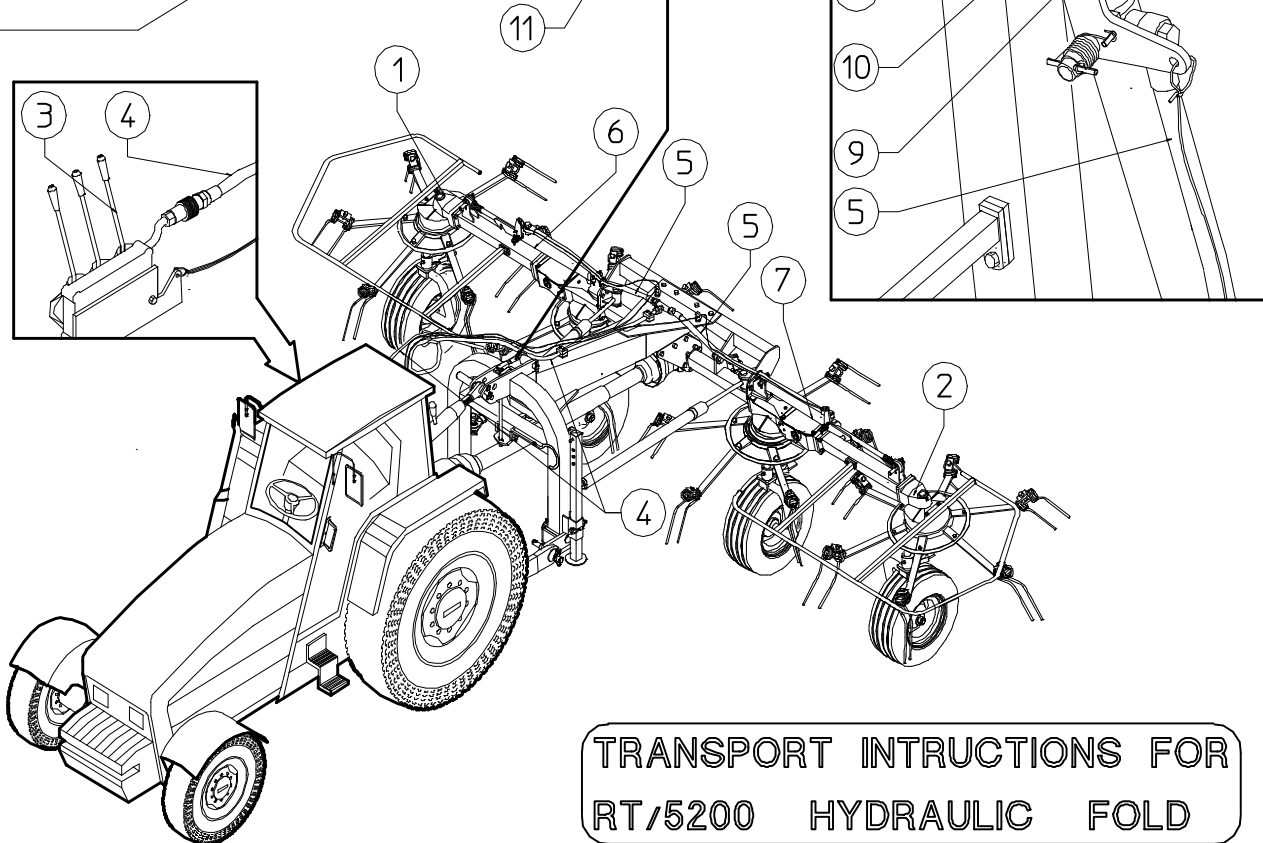
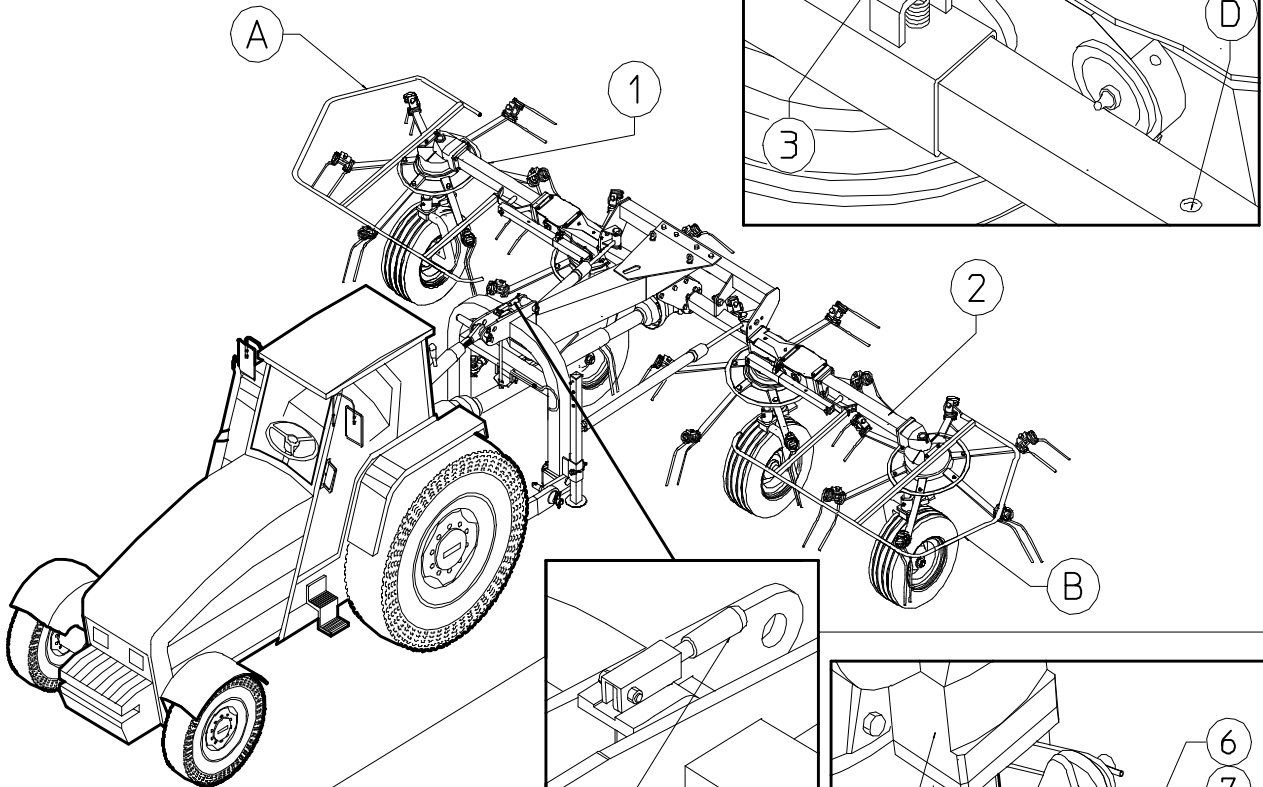
## CONNECTING THE CARDAN SHAFT

Fit the inner cardan shaft 2 onto the machine shaft 1. Fit the outer cardan shaft 4 onto the tractor shaft 3. Note: If a safety system is provided, this should be fitted to the machine shaft, not to the tractor shaft.

NOTE: During both transport and use, avoid conditions where the cardan shaft is extended to the maximum. In all working conditions, the telescopic tubes must overlap by at least 1/3 of their length (fig. 1). Conversely, when the cardan shaft is contracted to the maximum, there should still be a gap of approximately 50mm-2" (Fig. 2). Take particular care when connecting the two cardan shaft end forks and make sure that they are fully secured. This is achieved by inserting the safety pins and bolts 1 into the special slots 2 (fig. 3) on the power takeoff shafts on both the tractor and machine ends. A loose shaft could come apart and cause considerable mechanical damage and serious injury to person.



TRANSPORT INTRUCTIONS FOR  
RT/5200 MANUAL FOLD



TRANSPORT INTRUCTIONS FOR  
RT/5200 HYDRAULIC FOLD

## TRANSPORT INSTRUCTIONS FOR RT MANUAL FOLD

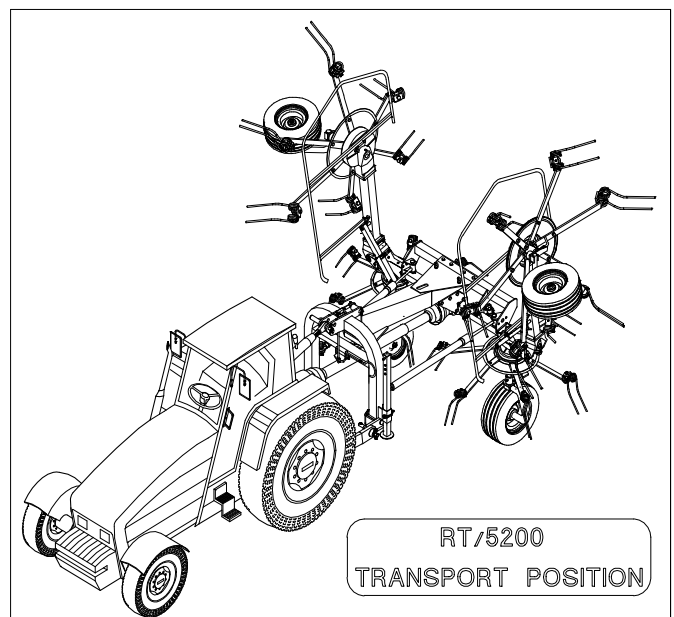
Before transporting the machine, it is necessary raise lateral arms 1-2 (see page 24). To do this, first check that spring pin 3, which is part of pin 4, is not touching tab C (RH and LH side). Then raise lateral arms 1-2 by pulling on guards A-B until pin 4 of the spring strut assembly enters hole D (RH and LH side) of the inside pipe of the strut assembly. During transport, the lever for locking the 3rd point hitch 11 must be positioned horizontally so as to avoid side-skidding of the machine.

## TRANSPORT INSTRUCTIONS FOR RT HYDRAULIC FOLD

Before transporting, the side arms 1-2 (see page 24). must be raised. To do this move the distributor lever 3, sending fluid through hoses 4-5 to cylinders 6-7, which will close, lifting the side arms 1-2. Before proceeding with transport, make sure that catch 9 is firmly hooked on pin 10 (RH and LH side) in order to guarantee safety while the machine is being transported.

During transport, the lever for locking the 3rd point hitch 11 must be positioned horizontally so as to avoid side-skidding of the machine.

**NOTE:** The machine ready for transport should appear as shown in the illustration. The RT/5200 hydraulic fold also show this configuration.

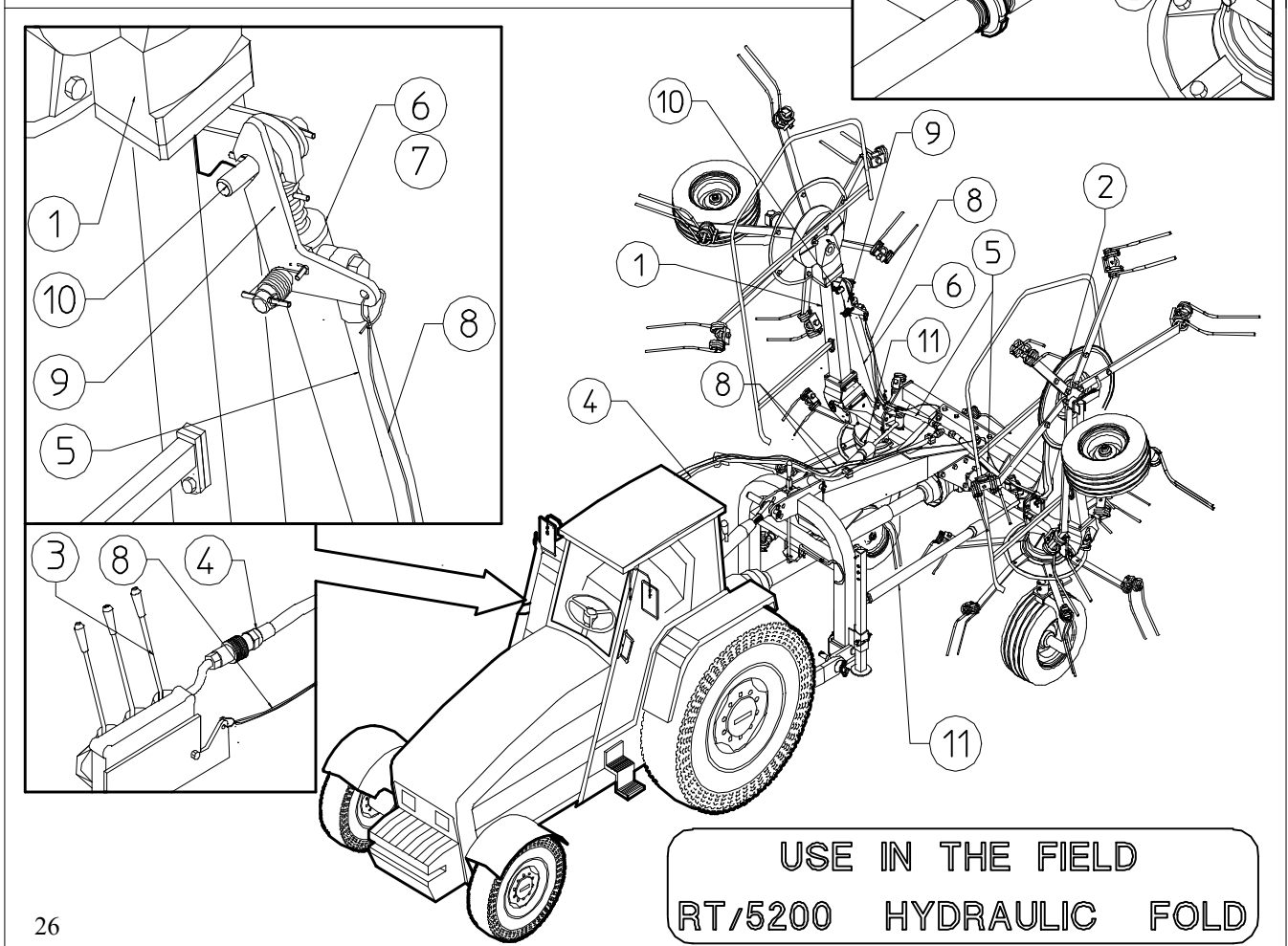
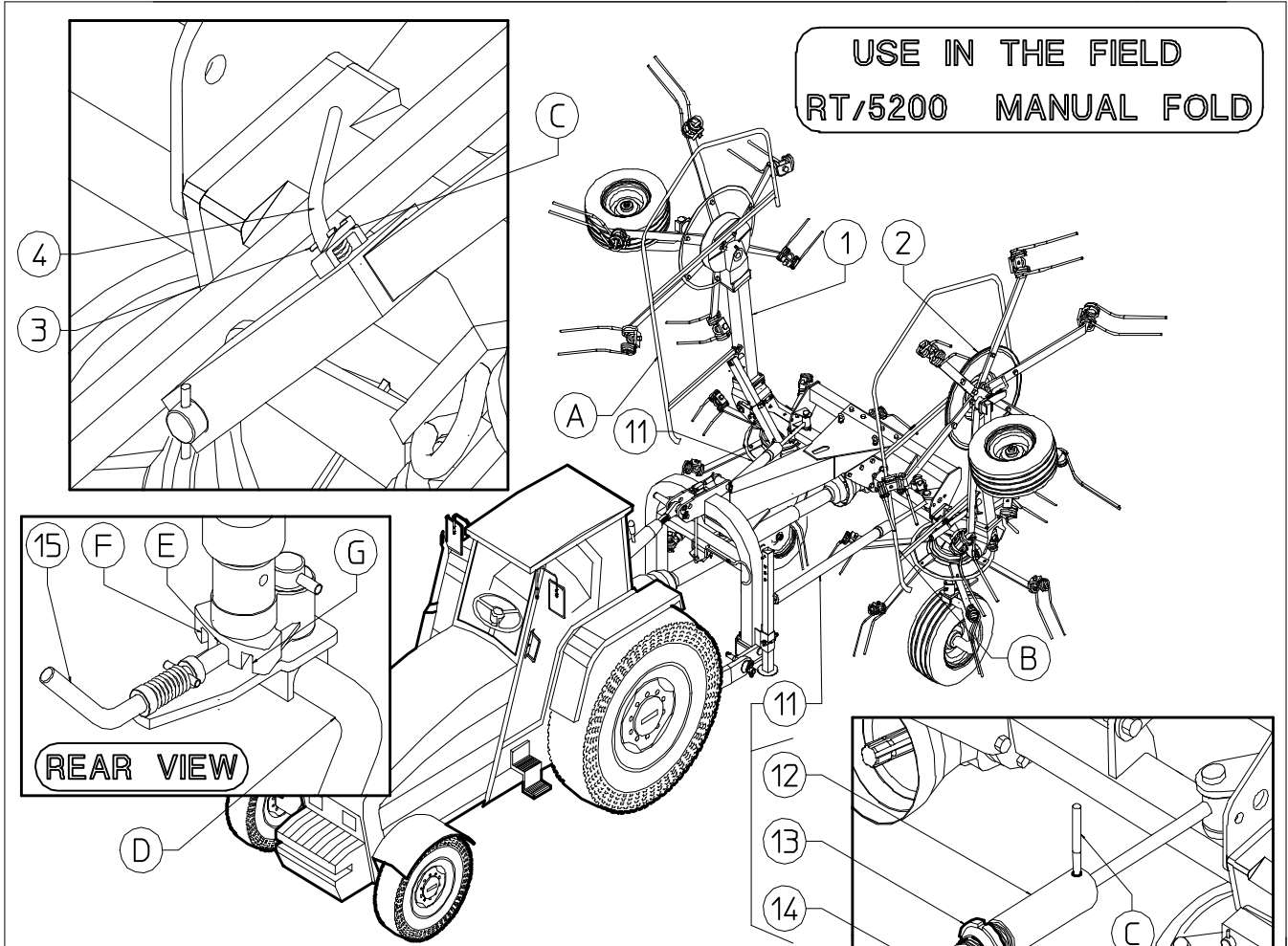


## TRANSPORT BY ROAD

After the machine has been attached to the tractor as previously described and before transporting it to or from fields or any other workplace, the following instructions should be heeded:

Before setting off with the machine attached to the tractor, check the local road transport regulations. During transport keep the machine fully raised with the power takeoff disengaged and the lifting unit immobilised. Check that all guards, safety protections and locking split pins are in place, functioning and correctly fitted. Ensure that nobody leans against, or climbs on to, the machine during transport. The RT is an agricultural machine NOT designed for persons or goods. Consult the tractor maintenance and user manual where necessary. Maintain constant control over the vehicle and ensure that you know how to stop the tractor quickly and switch off the engine. When on a public road, observe all highway code regulations. Drive near the edge of the road and try not to obstruct traffic. Do not park the tractor and/or the machine where it might obstruct, or be a danger to, any public right of way. Avoid going onto a public road if the tractor or machine is very dirty you could leave a trail of soil, grass and other matter which could dirty the road and obstruct normal traffic.

# USE IN THE FIELD



## PREPARATIONS FOR USE (RT/5200 MANUAL FOLD)

Once the machine has been prepared, before beginning work read the chapter on “General Instructions for Use in the Field” (see pg.28)

For the RT/5200 manual fold, lateral arms 1-2 (see page 26) should be lowered beforehand.

To do this, rotate pin 4 so that spring pins 3 on it slides over tab “C”, causing pin 4 to exit from the hole in the inside pipe of the strut assembly (RH and LH side). Now lower lateral arms 1-2 by pulling on guards “A-B”.

## PREPARATIONS FOR USE (RT/5200 HYDRAULIC FOLD)

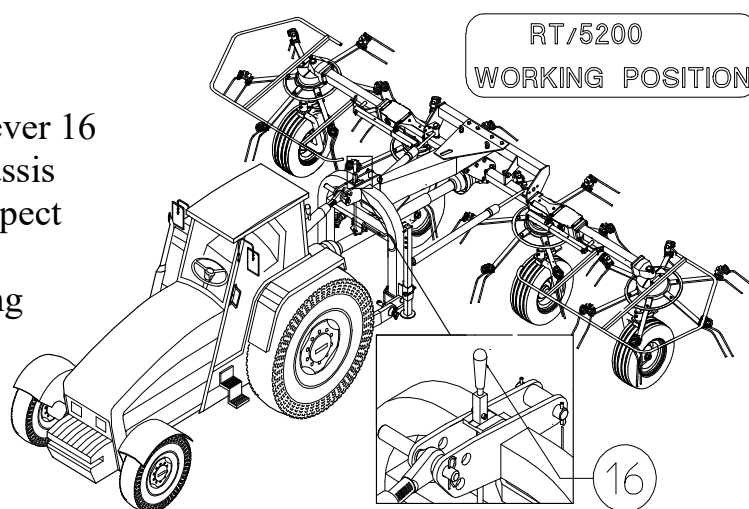
To lower the side arms 1-2 (see page 26) of the RT/5200 hydraulic fold, move the distributor lever 3 so as to send fluid through hoses 4-5 to cylinders 6-7, which will close completely, pulling rope 8 at the same time as when moving distributor lever 3, thus making it possible to release catch 9 from pin 10 (RH and LH side), and then moving distributor lever 3 so as to lower side arms 1-2 down to the ground. (Cylinders 1-2 are single-acting, so the side arms 1-2 lower by their own weight, and therefore this operation must be carried out in a suitable area.)

## MACHINE READY FOR USE

N.B.: Before starting work, rise the lever 16 so that the 3rd point hitch and the chassis of the machine are free to sway in respect of one another.

The figure opposite shows the working configuration.

Following is a list of settings that can be made on the machine.



## ADJUSTMENT OF SHOCK ABSORBERS

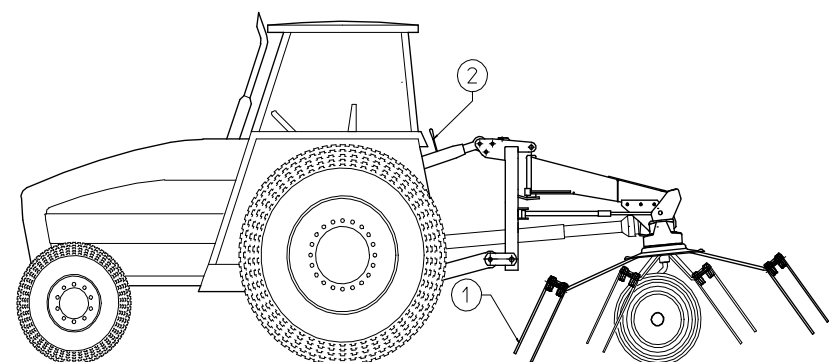
The shock absorbers 11 are gauged by the manufacturer, however their tension can be adjusted to adapt to the user's needs. To do this, unscrew the ring nut 13 from the tube 14 and then, with the help of the lever C, loosen or tighten the sleeve 12 on the tube so as to obtain more or less force (screwing or unscrewing it respectively). Then fasten the tube 14 and the sleeve 12 in place again with the ring nut 13.

## ADJUSTMENT OF WHEEL POSITION

In the normal working position, the wheel supports D must be secured in place by means of the pin 15 in middle hole E. When working along embankments, ditches and so on, and in order to avoid coming too close or scattering the forage beyond the edge of the field, it is possible to move the wheel supports D to one side or to the other by inserting the pin 15 into the side holes F or G.

## ADJUSTMENT FOR CORRECT WORKING POSITION

These machines are very easily adjusted. For best operation, the tines 1 on the front side of the machine should brush the ground. To obtain this, turn the adjustment tie rod (or hydraulic cylinder) 2.







## GENERAL INSTRUCTIONS FOR FIELD USE

Before starting work, familiarise yourself with the following general instructions:



Before using the machine ensure that all safety precautions are taken.

Check that all safety protection and guards are in place and working.

Inspect the work site in order to familiarise yourself with the terrain.

Do not start the tractor before being properly seated in the driving position.

Do not start the machine if it is damaged (or even if you only suspect it is damaged) and inform your nearest dealer of the problem and ask for assistance.

Do not allow yourself to become distracted when working - give your full attention to the job in hand.

Maintain constant control over the tractor and ensure that you know how to stop quickly and switch off the engine.

Caution when working on inclines. It is better to work from the bottom to the top of an incline (or from the top to the bottom), rather than across an incline where there is a risk of overturning. Check and heed the instructions supplied by the tractor manufacturer, especially those concerning the maximum incline on which it is possible to work.

It is advisable to reduce speed when working and manoeuvring on inclines and only to change speed and direction gradually. Do not make sudden stops or starts.

Do not work on wet or slippery grass or terrain, or anywhere where grip is poor. If this is unavoidable, work at a slow speed so as to ensure operator safety.

Always switch off the tractor engine, apply the parking brake and remove the ignition key whenever you have to attend to the machine to make adjustments or to remove grass and other objects which might be entangled in the machine.

Before leaving the tractor, disengage the power takeoff, lower the machine until its wheels are on the ground and put the hydraulic directional control lever into the locked position.

Never go near the rotors until they have completely stopped moving.

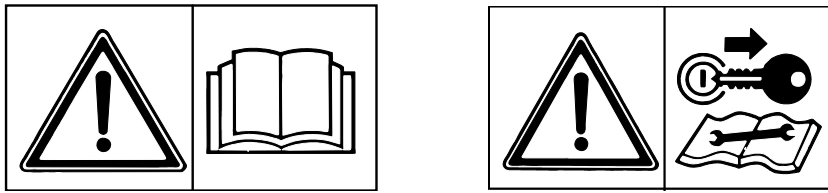
Never attempt to make adjustments to the machine while it is running. Always stop the machine before carrying out any such work. Do not oil the machine when it is running or is connected to the power takeoff.

Do not use the control levers as handholds since they can move and do not give a secure grip. Furthermore, any involuntary movement of a control lever can cause unintentional movement of the tractor or machine.

## TEMPORARY PARKING

- 1) Choose a flat, hard open space away from frequented areas if possible.
- 2) Switch off the engine, leaving the tractor in gear.
- 3) Apply the parking brake and remove the ignition key.
- 4) Put the parking stand in the parking position.
- 5) Turn the angle adjustment crank so that the weight of the machine is on the parking stand, thus avoiding the risk of having the machine tip over backwards.
- 6) Disconnect the cardan shaft at the tractor end.
- 7) Unhitch the tractor drawbar coupling pin.

## 6) MAINTENANCE DIRECTIONS



All cleaning, lubrication and maintenance operation must be carried out with the machine disconnected from the tractor.

In an emergency with the machine still connected to the tractor, switch off the engine, apply the parking brake, disengage the power takeoff and remove the ignition key from the instrument panel.

Regular, correct maintenance and proper operation are the basic prerequisites for the long-term efficiency and safe operation the machine.

Pay special attention to all instructions given on signs located on the machine.

All maintenance should be carried out in an area having the proper equipment readily available and in good condition.

This area must always be kept clean and dry and must have enough surrounding space to facilitate operations.

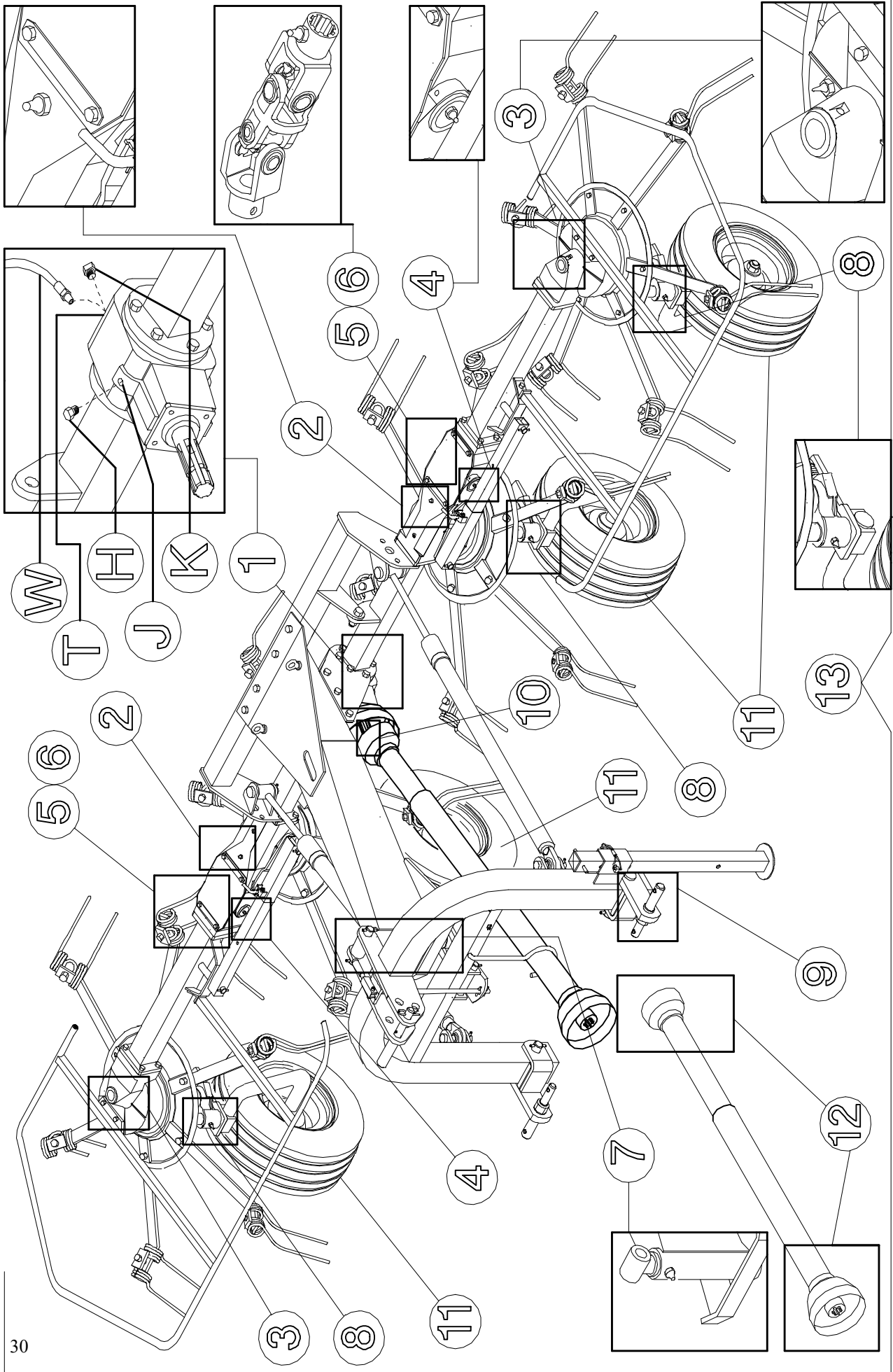
Any work must be carried out by trained personnel. Contact the dealer nearest to you. Respect the warnings and procedures for maintenance and technical assistance given in this manual.

Do not use petrol, solvents or other flammable liquids as detergents.

Use commercial non-flammable and non-toxic solvents, authorised by competent bodies.

Do not use compressed air or water at high pressure to clean the machine. If this is unavoidable, then wear goggles with side protection and limit the pressure as much as possible. When the work is finished, and with the machine disconnected from the tractor, inspect and check the machine completely.

# 6) MAINTENANCE POINTS



## 6) MAINTENANCE POINTS

ITEM	Q.ty	DESCRIPTION	OPERATION	EVERY HOURS	NOTES
1	1	GEARBOX	LUBRICATE	100	SEE NOTE A
2	2	CENTRAL ROTORS	LUBRICATE	50	*
3	2	LATERAL ROTORS	LUBRICATE	50	*
4	4	SWIVEL HINGE PINS	LUBRICATE	50	*
5	4	UNIVERSAL JOINTS	LUBRICATE	8	*
6	2	KEYED COUPLING FORK	LUBRICATE	8	*
7	1	3 <sup>rd</sup> POINT HITCH	LUBRICATE	8	*
8	4	WHEEL SUPPORTS	LUBRICATE	8	*
9	2	ARM LINKAGE PINS	CLEAN	SEE NOTE C	WITH BRUSHES, etc
10	1	PTO	CLEAN/ LUBRICATE	SEE NOTE B	WITH BRUSHES, etc
11	4	WHEELS	CHECK PRESSURE	SEE NOTE C	INFLATE TO 35 PSI
12	1	CARDAN SHAFT	SEE CARDAN SHAFT	SEE NOTE C	MAINTENANCE
13	*	General checking of bolts, security pins and split pins to be carried out initially after the first 8 hours of use. Subsequently every 50 hours and whenever the machine is laid up for extended periods.			
GREASE TYPE : NGLI 2 EP					

NOTE A:

COMPLETE LUBRICATION OF THE CENTRAL GEARBOX 1:

The complete lubrication of gearbox 1 is done the first time at the manufacturer's plant, after which it must be topped up periodically, as according to the lubrication points table. A complete change or fill is necessary only for the replacement and /or repairing of the entire gearbox or internal parts. In this case, it is necessary to: remove caps H-K and inject the grease, using grease pump W, into hole T until the grease comes out of hole K. Then screw caps H-K back into place on central gearbox 1.

Periodic checking and topping up of central gearbox 1:

Every 100 hours of working time, check and top up central gearbox 1. It is a good practice, however, to check the condition and quantity of grease after all long periods of inactivity, especially when starting to work again after the winter break. To top up the grease in central gearbox 1 it is necessary to: remove caps H-K and inject the proper amount grease into hole J, using grease pump W. Then screw caps H back into place on housing 1.

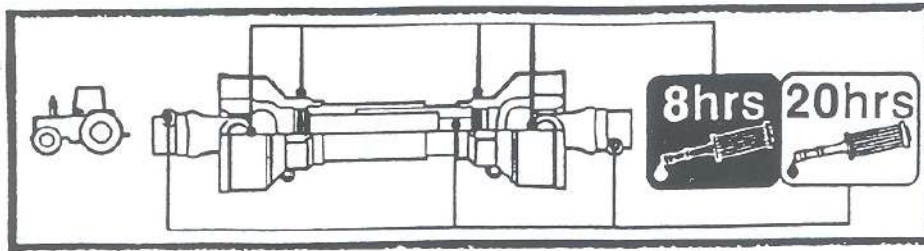
B = Each time the Cardan shaft is disconnected and Whenever the machine is stopped, we recommended that you clean the power takeoff shaft and replace the protective cover (use additives of a type permitted by anti-pollution regulations).

C = Each time the machine is connected to the tractor.

## CARDAN SHAFT MAINTENANCE



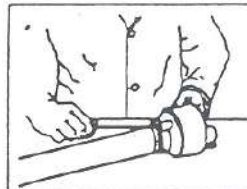
More detailed information may be found in the Cardan shaft manual which, together with this manual, forms an essential part of the accident-prevention documentation. It is your responsibility to read and comply with this documentation. If information given in this manual conflicts with that given in the Cardan shaft manual, you should follow the instructions given by the Cardan shaft manufacturer.



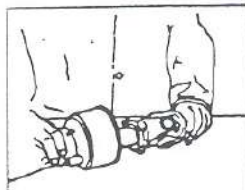
## MAINTENANCE OF SLIDING PARTS

### DISMANTLING

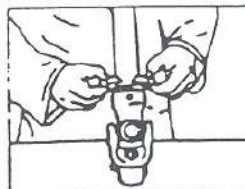
1) Turn the two eccentric pins on the ferrule until the protective cone comes free.



2) Withdraw the shaft protective guard.

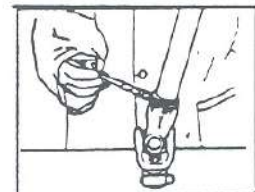


3) Check the condition of the ferrule and all protective parts.

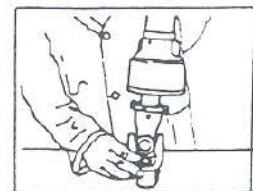


### ASSEMBLY

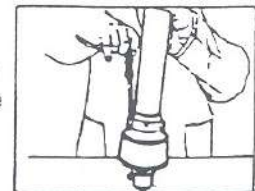
4) Lubricate supporting ferrule seating.



5) Refit the supporting ferrule.

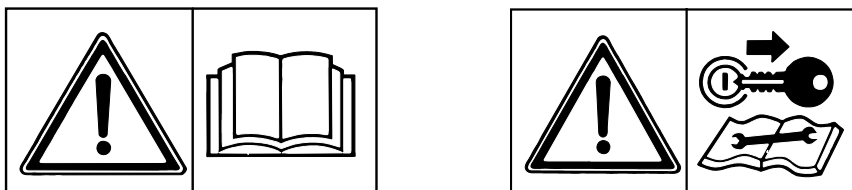


6) Reattach the protective guard to the cardan shaft by turning the eccentric pins on the supporting ferrule.





# GENERAL INSTRUCTIONS FOR REPAIR WORK



Any repair work must be carried out with the machine at rest and disconnected from the tractor.

Do not carry out welding without authorisation and instructions from the manufacturers.

Disconnect the machine from the tractor before any welding work in order not to damage the battery. Always use a protective mask, goggles and gloves when welding, sanding or grinding or when using a hammer or drill.

Always work on the machine out of doors. If you have to operate the machine when connected to the tractor in an enclosed are (for example when testing after repair and/or maintenance) ensure that there is sufficient ventilation so as to prevent noxious exhaust gases accumulating.

In order to acquire the necessary control and to operate in safety, practise various manoeuvres by simulating those required in the workplace with the help of an experienced person.

If you activate the machine while it is raised from the ground, make sure there is nobody standing nearby or in a dangerous position.

## LAYNING UP FOR EXTENDED PERIODS

At the end of the season, or when an extended period of inactivity is envisaged, it is advisable to:

Clean the machine following instructions and allow it to dry.

Check it carefully and replace any damaged or worn parts.

Thoroughly tighten all screws and bolts.

Grease the machine thoroughly and then cover it completely and lay it up in a dry place.

It is to the user's advantage to carry out these operations carefully. In this way, he will have a machine in perfect condition when work is restarted.

On recommencing work, repeat all the proper checks so as to be certain of working in conditions of maximum safety.



## **NOISE AND VIBRATION**

Noise affecting the tractor driver (from the machine only) is less than 80dB.

Vibration from the machine affecting the upper body and limbs of the driver is insignificant and is lower than the values given in Point 3.6.3 of Enclosure 1 of the Machine Directives (89/392/EEC, 91/386/EEC)

## **THE FOLLOWING SHOULD BE NOTED IF THE MACHINE IS SCRAPPED**

The machine consists mainly of ferrous material, which must be disposed of according to the regulations in force in the country concerned.

There is also a small amount of plastic, which must be disposed of according to the regulations in force in the country concerned.

There is very small amount of residual grease, which must be disposed of according to the regulations in force in the country concerned.