

User manual and parts book

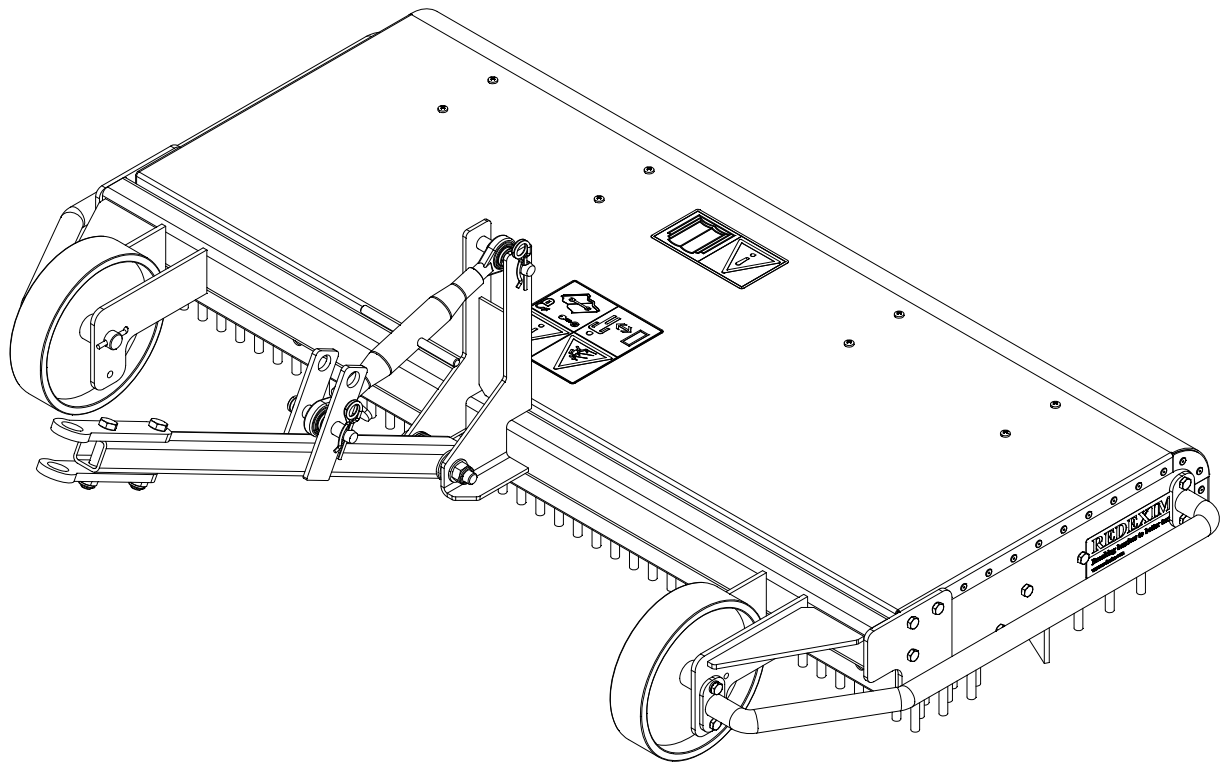


Court-Top 1200

Serial number:

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Original user manual





NOTE:
IN THE INTERESTS OF SAFETY AND ACHIEVING THE BEST RESULT, IT IS VERY IMPORTANT THAT THIS MANUAL IS READ CAREFULLY BEFORE USING THE COURT-TOP.

FOREWORD

Congratulations with the purchase of your Court-Top. This manual must be read carefully in order to ensure safe and long-term operation of this Court-Top. Safe operation of this machine is not possible if the user is not fully familiar with the contents of this manual.

The Court-Top is not a stand-alone machine. It is the responsibility of the user to use the correct tractor. The user also has to perform safety-related checks on the tractor / Court-Top combination including sound level, user instructions and risk analysis.

The general safety instructions will be covered on the next page. All users must be familiar with and apply these instructions. There is a registration card below, which must be sent back in order to process any future claims.

This user manual contains numerous instructions, which are numbered in sequence. This working sequence must be adhered to. The  pictogram indicates safety instructions. The  pictogram indicates a tip and/or note.

All information and technical specifications used are the most recent at the time of publication. Design specifications are subject to change without notice.

This document is a translation of the original user manual. The original user manual (Dutch language) is available on request.

WARRANTY CONDITIONS

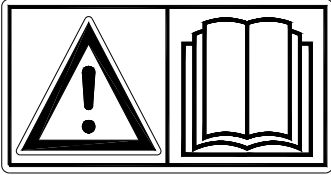
THIS COURT-TOP IS SUPPLIED WITH A WARRANTY FOR DEFECTS IN MATERIALS. THIS WARRANTY IS VALID FOR A PERIOD OF 12 MONTHS FROM THE DATE OF PURCHASE. COURT-TOP WARRANTIES ARE SUBJECT TO THE "GENERAL CONDITIONS FOR SUPPLY OF PLANT AND MACHINERY FOR EXPORT, NUMBER 188", PUBLISHED UNDER THE AUSPICES OF THE UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE.

REGISTRATION CARD

Complete the table below for your own records:

Machine serial number	
Dealer name	
Purchase date	
Comments	

! SAFETY INSTRUCTIONS !

 <p>Fig. 1</p>	<p>The Court-Top is designed for safe use. This is only possible if the safety instructions defined in this manual are observed in full.</p> <p>Read and understand (Fig. 1) the manual before proceeding to use the Court-Top. Failure to use the machine as described in the manual can result in personal injury and/or damage to the Court-Top.</p>
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1. Use of the machine requires operation by a competent user who has proficiently adjusted the machine to suit the surface for treatment.

The manufacturer accepts no liability whatsoever for incompetent use and any damage arising from this; the user bears full responsibility for all risks arising from this.

The prompt and correct execution of the user, maintenance and repair instructions prescribed by the manufacturer also constitutes competent use.

Inspect the area for treatment prior to using the Court-Top.
Remove any free-standing obstacles and avoid irregularities.

2. The Court-Top has been manufactured in accordance with the latest technological knowledge and is safe for use.

There is a risk of injury for the user and third parties if the machine is inexpertly operated, maintained or repaired. **This must be avoided!**

Always use the Court-Top Air in combination with the correct tractor, as defined in the technical data.

3. All persons appointed by the owner as authorised to operate, perform maintenance on or repair the Court-Top must have read and fully understood the contents of the operation manual and the **Safety guidelines** section in particular.

The user is responsible for a **safe Tractor / Court-Top combination. The system as a whole must be tested** for sound, safety, risk and ease of use. User instructions must also be drawn up.

4. The user has an **obligation** to check the Court-Top for **visible damage and defects before use.**

Changes to the Court-Top (including the operation) that are detrimental to safety must be rectified immediately.

For safety reasons, adapting or adding to the Court-Top (with the exception of factory approved changes) is not permitted as a rule.

Modifications to the Court-Top will render the current CE marking ineffective and the **person who performed** the modifications is responsible for arranging new CE marking.

Check the Court-Top for loose bolts / nuts / parts prior to each use.

The Court-Top may **NEVER** be used if the safety stickers are not present.

NEVER crawl underneath the Court-Top.
Tilt the Court-Top if required.

NEVER get off the tractor while the engine is still running.

The Court-Top must be blocked to prevent it from lowering / driving off / sliding away when performing maintenance, adjustment and repair activities.

Always switch off the tractor engine and remove the tractor ignition key when performing maintenance, adjustment and repair activities (Fig.2)



Fig. 2

Only use original Court-Top parts for maintenance or repair activities in relation to the safety of the machine and user.

Repairs to the Court-Top must be performed by authorised, technical staff.

Maintain a repairs record.

5. In addition to the instructions in this user manual, the prevailing safety standards and Occupational Health and Safety regulations must be observed.

The governing procedures of the traffic regulations apply to use on public highways.

Transport of persons is not permitted!

Do not use the Court-Top during hours of darkness, heavy rain / storm or on slopes with a gradient greater than 20 degrees.

6. All persons using the Court-Top must be familiar with all functions and operational elements of the machine prior to commencing the activities.
Connect the Court-Top to the pulling vehicle as stated in the instructions.

(Injury hazard!)

Ensure that you have a clear long distance view and clear sight of the immediate vicinity.

There are safety stickers (Fig. 2, 3 and 4) on both sides of the Court-Top (Fig. 5) with an identical meaning. These safety stickers must be clearly visible and legible at all times and replaced when damaged.

Persons must **STAY out of the hazard zone** of the Court-Top when operational, as there is a physical injury hazard due to airborne material (Fig. 3).



Fig. 3



Fig. 4

Maintain a safe distance of at least 4 metres! (Fig. 4)

Observe the permitted lifting capacity of the pulling vehicle.

Wear appropriate clothing. Wear steel toecap safety shoes, long trousers, secure long hair and do not wear loose clothing.

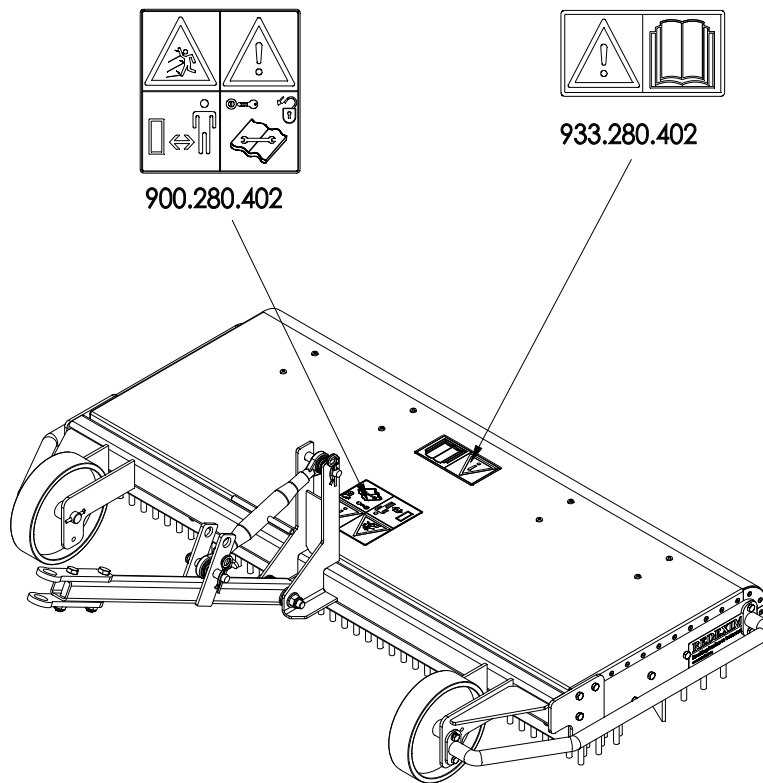


Fig. 5

(7) Locations of safety stickers. (Fig. 5)



EU DECLARATION

We,

**Redexim BV
Utrechtseweg 127
3702 AC Zeist, the Netherlands**

declare entirely under our own responsibility that the product:

COURT-TOP WITH MACHINE NUMBER AS STATED ON THE MACHINE AND IN THIS MANUAL.

to which this statement relates, is in accordance with the provisions of the Machine Directive 2006/42/EG.

Zeist, 01/10/12

A.C. Bos
Manager Operations & Logistics
Redexim Holland

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1.0 TECHNICAL DATA

<u>Model</u>	Court-Top 1200	Court-Top 1500
Operating width	1200 mm (47,3")	1500 mm (59")
Operating depth	-5mm <-> +35mm (-0.1"-1.38")	-5mm <-> +35mm (-0,1"-1.38")
Driving speed	Max. 12 Km/h (7.5 mph)	Max. 12 Km/h (7.5 mph)
Weight	77 Kg (346 lbs)	95 Kg (346 lbs)
Shipping dimensions L x W x H	867 x 1355 x 875 mm (34.1" x 53.3" x 34.5 ")	867 x 1655 x 875 mm (34.1" x 65.2" x 34.5 ")
Standard parts	Height-adjustable tow bar. Height-adjustable leveller.	Height-adjustable tow bar. Height-adjustable leveller.

2.0 GENERAL DESCRIPTION

The Court-Top is a brush machine for treating artificial grass fields.

3.0 CONNECTING TO A VEHICLE

Check procedure before proceeding to connect the Court-Top.

- Check the Court-Top for visual damage and repair this damage if the safe operation of the machine is no longer guaranteed.
- Check that all nuts and bolts are properly secured.
- Check that all safety stickers are in place on the machine and are not damaged.

The machine must **NEVER** be used without these.

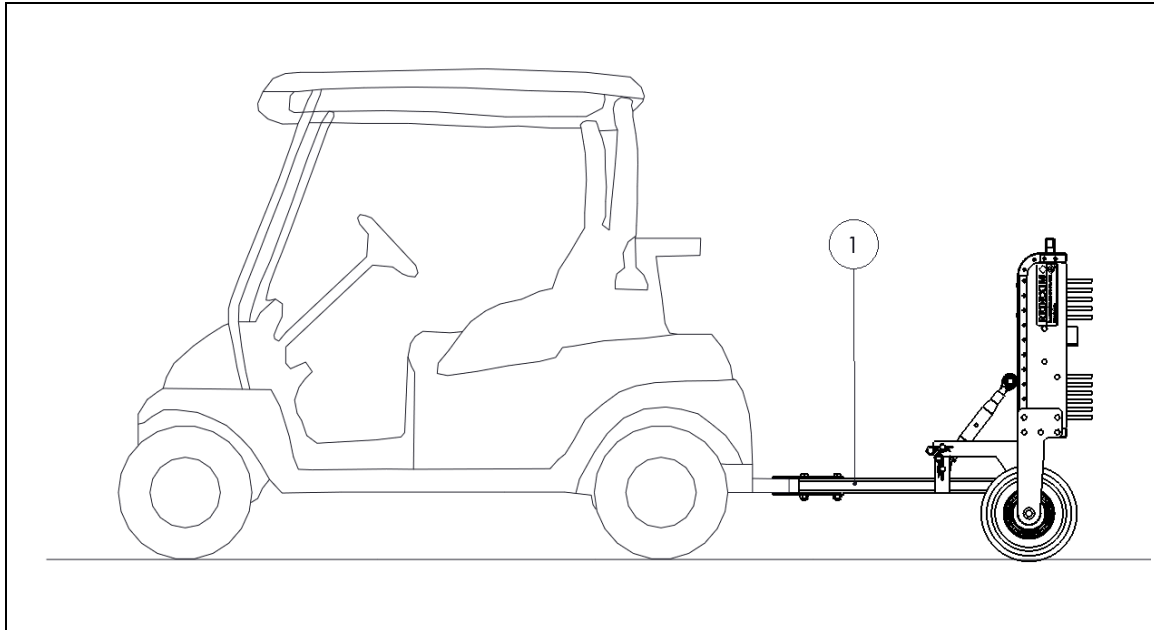


Fig. 6

The Court-Top can be connected to the vehicle using the towing hook.

The method is as follows: (Fig 6.)

1. Carefully reverse the vehicle into a suitable position for connecting the towing hook (1) to the vehicle.



!! Ensure that the vehicle is properly blocked and cannot move position independently !!



!! Switch the vehicle engine off before getting off the vehicle !!

2. Connect the towing hook (1) of the machine to the vehicle and secure it with the locking pin.
The machine is now in the upright position.



!! Ensure that all locking pins are properly secured !!

3. Start the vehicle and drive away.

4.0 HEIGHT-ADJUSTABLE LEVELLER

The levelling height can be adjusted by adjusting the leveller (Fig 7.).

The leveller can be adjusted by slightly loosening the 4 bolts (1). Once loosened, the height of the leveller (2) can be adjusted. Once adjusted, properly secure the bolts (1) again.

Adjust both sides of the machine to the same height, so that the field is cleaned as evenly as possible.

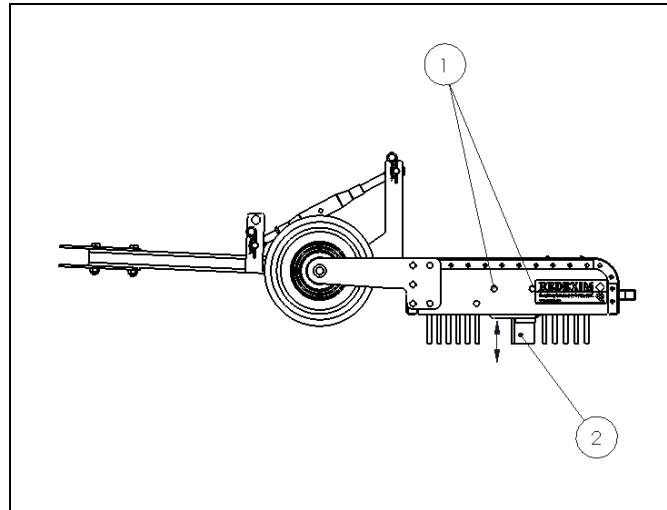


Fig. 7

NEVER adjust the machine in a way that will cause damage to the surface to be treated.



! IMPORTANT ! Before using the machine, check the operating depth on the surface to be treated from a stationary position !

5.0 TRANSPORTING THE COURT-TOP

The user is responsible for transporting the Court-Top behind the vehicle on public roads. Consult national legislation for the regulations.

The maximum speed across open fields, with the machine elevated, is 20 km/hour (12.4 mph), circumstances permitting, on account of the weight of the Court-Top.

Driving at higher speeds constitutes a potential hazard for the driver / bystanders and may even cause damage to the machine.

6.0 OPERATING SPEED

The operating speed is restricted to 12 km/h (7.5 mph).

Driving at higher speeds is not recommended in relation to excessive wear and tear and damage to the machine and the surface to be treated.

7.0 THE USE OF THE COURT-TOP

The following checks must be made before proceeding to use the Court-Top at a site:

1. Are there any freestanding objects in the field? Remove them first.
2. Are there slopes? This machine is only suitable for use on slopes with a maximum gradient of 20 degrees.
3. Always work from the top to the bottom.
Are there any airborne objects in the area, such as balls, which will distract the user from the task at hand? If so, then the Court-Top may **NOT** be used.
4. Is there a hazard of sliding or subsiding? If so, postpone the activities until conditions improve.
5. Do not make any sharp turns as this may cause damage to the surface.
6. Do not adjust the machine too deeply; this may result in undesired damage to the surface.

8.0 START / STOP PROCEDURE

The start procedure is **VERY** important. The surface to be treated can be seriously damaged if this procedure is not executed as described below.

The start procedure is as follows:

1. Thoroughly check the Court-Top for loose parts and check that all parts are working properly.

⚠ !! If loose parts are discovered or incorrectly functioning parts, then the problem must be rectified before using the Court-Top !!

2. Drive to the site to be treated.

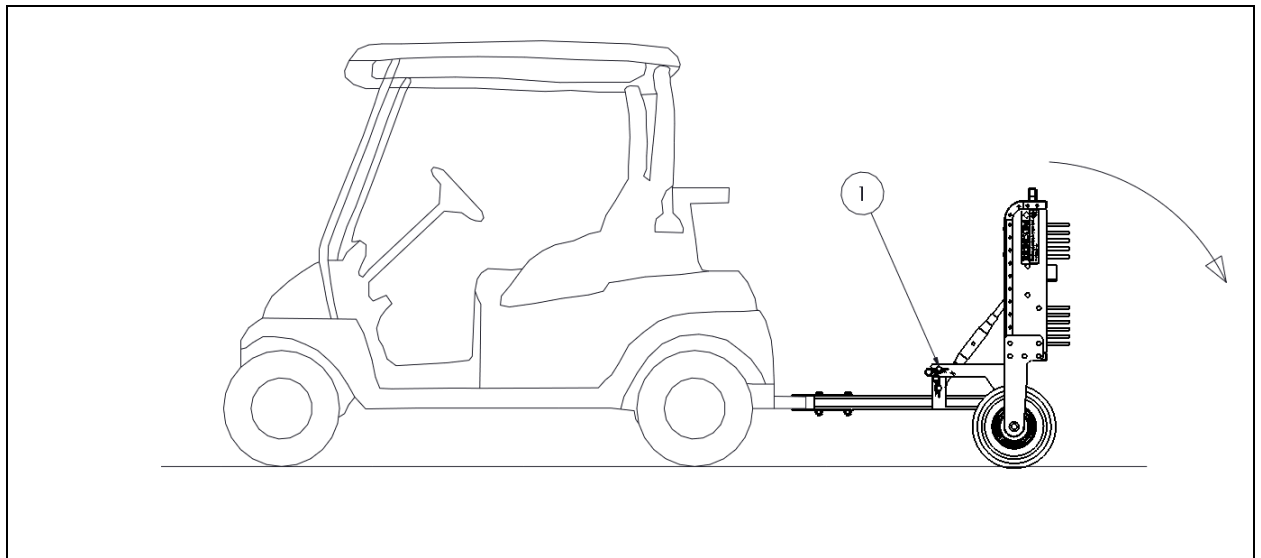


Fig 8

⚠ !! Ensure that the tractor is properly blocked and cannot move position independently !!

⚠ !! Switch the tractor engine off before getting off the tractor !!

3. Firmly hold the machine and release the pin (1). Slowly tilt the machine so that it rests on the surface, on the brushes (see Fig.8).

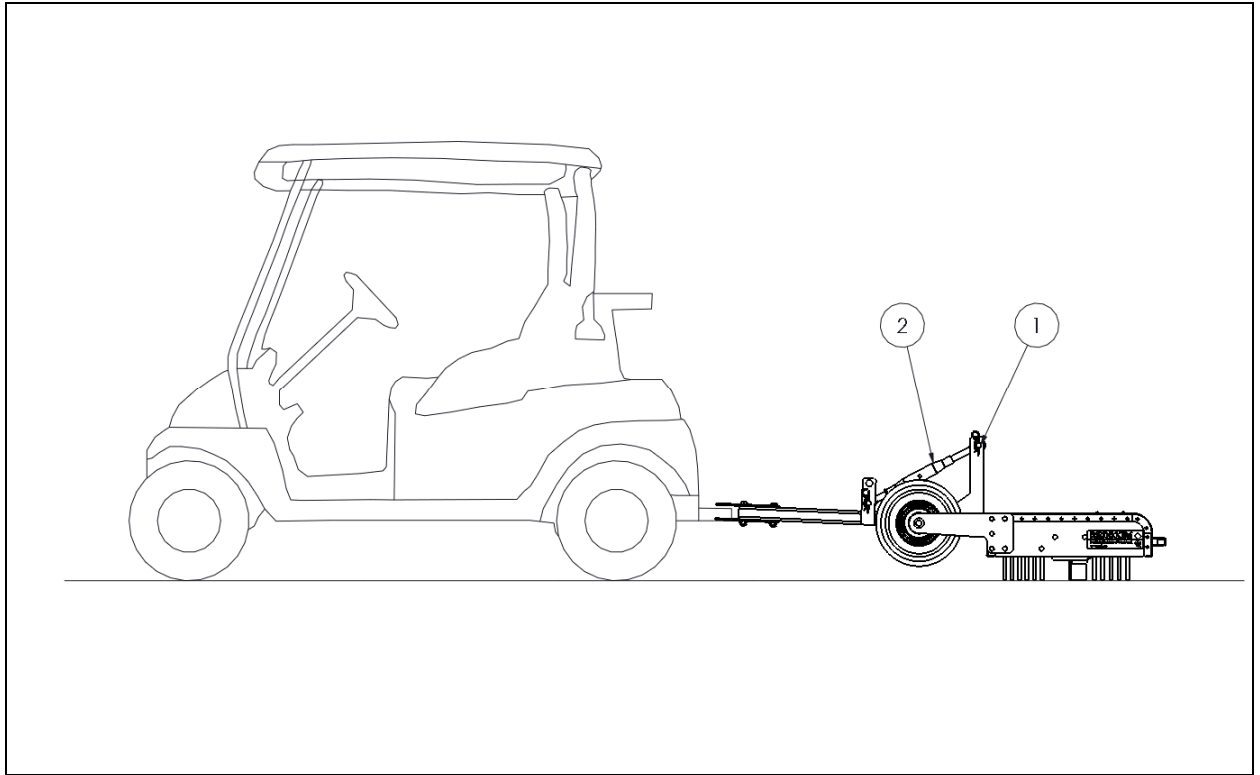


Fig. 9

4. Lift the top rod (2) and secure it with this pin (1) (see Fig 9).
5. Now adjust the top rod (2) so that the machine is level and resting on the surface, without exercising pressure on the vehicle.
6. Adjust the leveller of the machine from a stationary position as described in section 4.0.
7. Increase the driving speed up to a maximum of 12 Km/h (7.5 mph).

Stopping takes place as follows:

1. Slowly bring the vehicle to a stop

⚠ !! Ensure that the tractor is properly blocked and cannot move position independently !!

⚠ !! Switch the tractor engine off before getting off the tractor !!

2. Release the pin (1) from the top rod and slowly tilt the machine upward. Now secure the hitch with the pin (1) so that machine rests on its wheels again and the brush frame is in a vertical position.
3. Ride the machine away

9.0 DISCONNECTING THE COURT-TOP

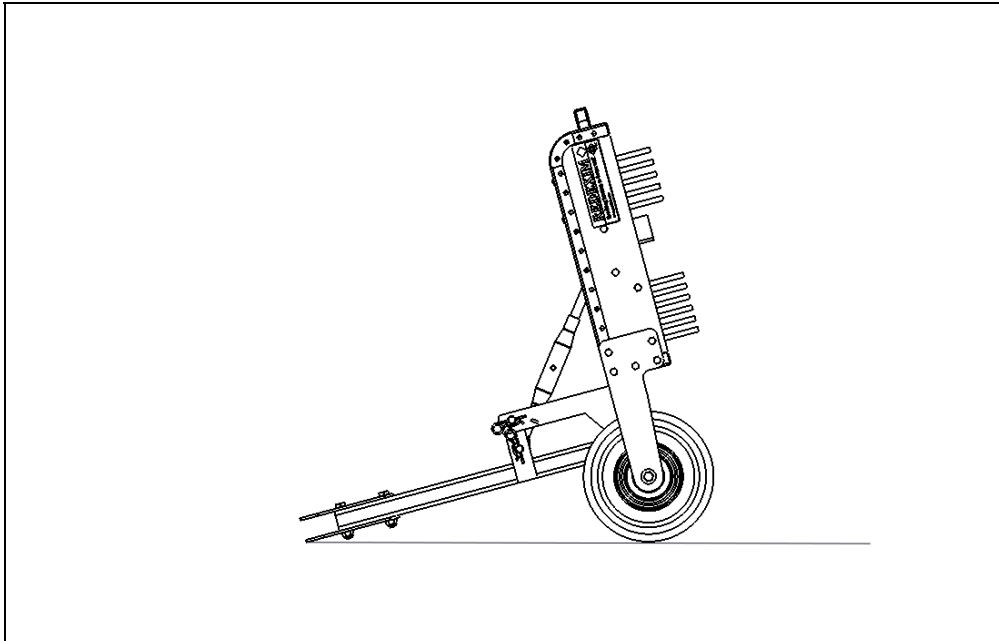


Fig. 10

The machine can be disconnected from the tractor in the following manner (See Fig 10):


1. Drive the Court-Top to a storage area with a stable / level surface.



!! Ensure that the tractor is properly blocked and cannot move position independently !!



!! Switch the tractor engine off before getting off the tractor !!

2. Release the locking pin from the towing hook and disconnect the towing hook of the machine from the vehicle.
3. Now slowly lower the towing hook of the machine to the surface.
4.  **!! Ensure that the Court-Top is in a stable position and cannot roll / slide !!**
5. Start the vehicle and drive away.

 **When putting into storage, it is recommended that the spring pins / brush do not come into contact with the surface or other objects otherwise the spring pins / brush hairs will bend.**

10.0 TROUBLESHOOTING

Problem	Possible cause	Solution
Not enough material loosened.	Machine is not level.	Level the machine.
	Leveller setting is too deep.	Reduce depth setting on leveller.
Poor field appearance after treatment	Leveller setting is too deep.	Reduce depth setting on leveller.
	Leveller setting is not deep enough.	Increase depth setting on leveller.
	Brushes are damaged.	Replace or repair.

11.0 MAINTENANCE

Time schedule / frequency	Checkpoint / Lubrication point	Method
Prior to <u>each</u> use	Check for loose bolts / nuts.	Tighten the loose bolts / nuts with the correct moment.
	Presence and legibility of the safety stickers.	Replace if not present / damaged.