



HAY BALE TRAILER

DOWNLOAD MULTILINGUAL
USER MANUAL



code.ironbaltic.com/u/rOi2OFGh

Code 43.0000

Version 15012024



Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic
sales@ironbaltic.com

CONTENTS

EC DECLARATION OF CONFORMITY	4
INTRODUCTION	5
SAFETY INSTRUCTIONS	6
SAFETY LABELS.....	7
PRODUCT DESCRIPTION	8
USER GUIDE	8
MAINTENANCE	9
FITTING INSTRUCTIONS.....	10
SPECIFICATION	14

EC DECLARATION OF CONFORMITY

Manufactured by: Iron Baltic OÜ
Address: Põldmäe tee 1, Vatsla 76915
Product: **Hay bale trailer**
Model: **43.0000**

Hereby we confirm that this product is in conformity with the requirements of Directive **2006/42/EC**, applicable to the safety and functionality of machinery, regarding the replaceable equipment and it is in compliance with the standard **EN12100** Safety of machinery – General principles for design – Risk assessment and risk reduction.

In witness whereof CE marking is attached to the product.

Place and date of issue of the declaration: 01.10.2019



.....
Tiit Norak
Member of the Board

INTRODUCTION

Thank you for choosing Iron Baltic product. This manual contains the technical details of the Hay bale trailer and instructions how to assemble, operate and maintain the product safely. Unnecessary use of the product can result economic damage and personal injury, so it is very important that the person who using the product read and use this manual in accordance with the requirements. Any misuse of the product will release the manufacturer from liability for any damage or expense incurred.

NOTE: Photos and drawings in this manual may not necessarily depict the actual models of products or their accessories. They are merely given as a frame of reference and are based on the latest available information at the time of publication.



This symbol is used throughout the manual and on warning signs in order to warn users of the potential for serious injury. Before using the vehicle and hay bale trailer, carefully read the safety instructions and make sure that you have understood them. Follow all instructions and ensure that everyone who uses the equipment follows them!

Keep this manual for future reference.

Based on the specifications for your model, please check that you have received all of the parts for your particular set

SAFETY INSTRUCTIONS

Most accidents occur due to negligence or carelessness. Avoid unnecessary accidents and follow the safety instructions given below.

TRAINING

1. Read thoroughly the safety instructions and terms of use.
2. Never allow children to operate the vehicle or the hay bale trailer. Never allow adult persons to operate the vehicle or the hay bale trailer if they have not received the proper training
3. Neither the vehicle nor the hay bale trailer can be used while drunk or under the influence of drugs that affect perception or reaction.
4. Do not allow bystanders, children or animals into the work zone.



PROHIBITED ACTIONS

- Never operate the hay bale trailer on overly steep slopes.
- Never operate the hay bale trailer without all the protective parts properly installed.
- Do not operate the hay bale trailer before you have carefully read the whole operation manual.
- Never drive faster than 20km/h, or what the vehicle manufacturer recommends (the lower speed must be observed).
- Never carry any passenger on the hay bale trailer.

MANDATORY ACTIONS

- Follow all the instructions of the ATV manufacturer.
- Always use proper protective equipment (helmet etc.) when using the vehicle.
- Make sure that bystanders are moved to a safe distance when operating the hay bale trailer.
- Use gloves when working with winch.
- Make sure that all of the safety stickers are in good condition. Replace damaged stickers as required.
- Reduce the speed of the ATV when working on a hillside or uneven terrain.
- Be careful when braking.
- The load to the ATV hitch ball should not exceed 60kg, or the weight specified by the manufacturer of the vehicle (the lower weight must be observed).
- The safe road-steadiness of the vehicle must always be ensured by using the correct accessories for the task in hand (chains, counterbalances, etc).
- Always check that all components are properly installed.
- Check and tighten the bolts after the first working hour and then after every ten working hours.
- When unhooking the hay bale trailer, make sure there is no load on the hay bale trailer
- Lubricate the grease nipple on the towing coupling head after every 50 working hours or twice a year.



IF SOMETHING HAPPENS DURING THE WORK THAT COULD DAMAGE THE PRODUCT, AN INSPECTION OF THE DEVICE MUST BE CARRIED OUT TO IDENTIFY POSSIBLE DAMAGE. DAMAGE (CRACKS IN CONSTRUCTION OR WELDS, DEFORMED PARTS) CAN ENDANGER PROPERTY AND HUMAN HEALTH. THE DEVICE MUST NOT BE USED BEFORE THE DAMAGE IS REMOVED.



MAKE SURE THAT THE HAY BALL TRAILER IS IN PERFECT WORKING CONDITION AND THAT THE TOWING COUPLING HEAD IS PROPERLY ATTACHED TO THE ATV HITCH BALL.

SAFETY LABELS

The safety labels shall be present on your hay bale trailer. If any of those labels is absent or gets damaged, contact your dealer in order to install new labels in place of the absent ones before operating the machine.

Meaning of safety labels

	Maximum permitted speed 20 km / h!
	Maximum load capacity 500 kg!
	Never carry any passenger on the hay bale trailer!
	It is forbidden to drive slopes over 15°!
	Read the manual before use!

PRODUCT DESCRIPTION

The Iron Baltic Hay bale trailer is a simple and durable device that can be attached to the ATV or UTV and designed to transport hay balls.

The hay bale trailer is designed for ATVs and UTVs to be used but can be towed with any other vehicle equipped with a 50 mm hitch ball. With a load capacity of 500 kg the hay bale trailer does not cause notable damage to the terrain and is easily maneuverable between trees, over ditches, through narrow or low doorways and in tight indoor spaces allowing access to places outside the reach of larger rigs.

The bale is loaded by backing the trailer to the roll, lowering the spikes using the manual winch, backing the trailer spikes into the roll and using the winch again to lift the bale. Unloading is just as simple and only requires lowering the bale with the winch and driving away.

Standard equipment:

- Hay bale trailer
- Manual winch

Product	Hay bale trailer
Model	43.0000
Dimensions	1700 mm x 2200 mm x 1000 mm
Load capacity	500 kg
Weight	91 kg
Tires	Off road 22 x 11 – 8

Table 1: Hay bale trailer technical data

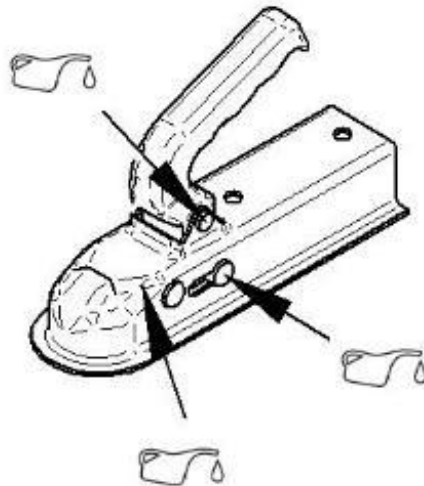
USER GUIDE

- Read the safety instructions before driving!
- Check tow coupling connection to the tow beam before ride.
- Before ride, check is the towing coupling securly connected with tow ball (check the indicator on tow coupling)
- Before ride, check tire condition and pressure (the exact tire pressure is marked on the side of the tire). If needed change the tires. Use only tires specified by the hay bale trailer manufacturer.
- Before ride, check tension of the wheel bolts.
- When loading the hay bale trailer, take into account maximum mass and that the load to the ATV hitch bale should not exceed 60kg, or the weight specified by the manufacturer of the vehicle (lower weight must be observed).
- The highest speed when transporting a load is 20km/h, or what the vehicle manufacturer recommends (the lower speed must be observed).
- To load the hay bale, push the trailer to the bale, lower the stakes using the hand winch, push the stakes into the hay bale and lift the bale with the hand winch.
- To unload the hay bale, lower the ball with the hand winch and drive the trailer away from the hay bale.

MAINTENANCE

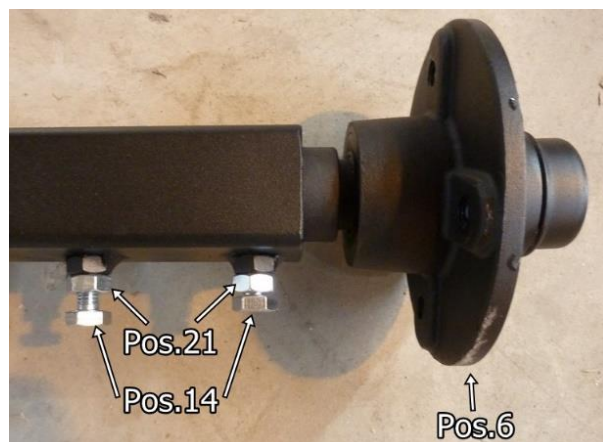
Maintenance activity:	Before and after work	Weekly	Monthly	Seasonally
Clean the hay bale trailer	•	•	•	•
Tire pressure, wheel bolts, tow coupling connection check	•	•	•	•
Visual inspection of parts fastening	•	•	•	•
Checking the condition of all connecting parts		•	•	•
Inspection of safety labels		•	•	•
Lubricate the tow coupling			•	•
Checking the wear rate of metal parts			•	•

- Always wash the hay bale trailer after use.
- Only change hay bale trailer tire on flat and hard surface.
- If the tow coupling moves difficultly, add oil to places showde on the diagramm or contact manufacturer or licenced reseller.

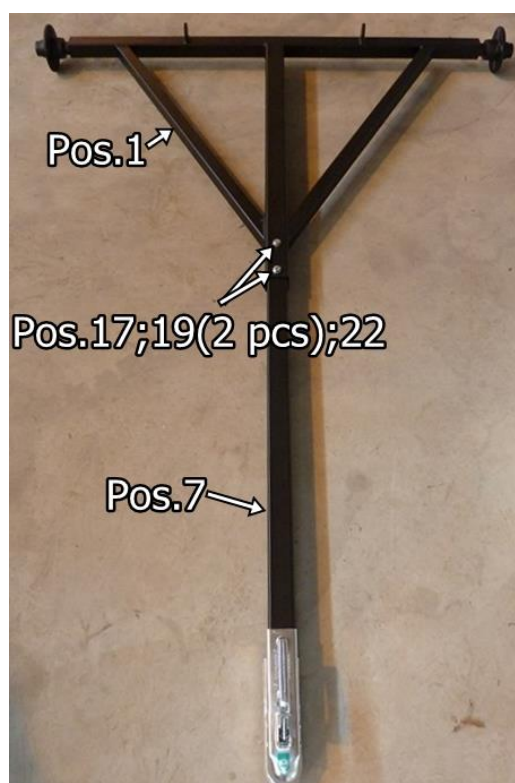
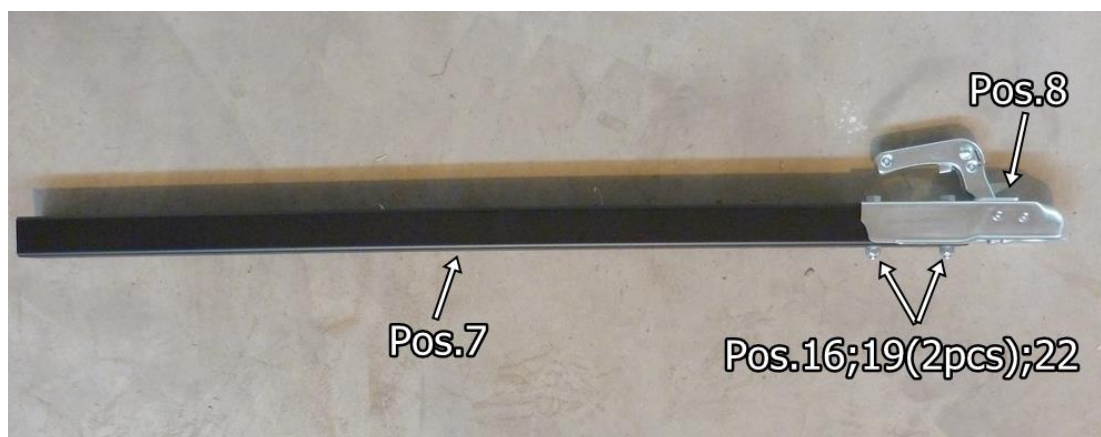


FITTING INSTRUCTIONS

Step 1 Install wheelhubs to the frame.



Step 2 Install tow coupling to the tow beam and tow beam to the frame.



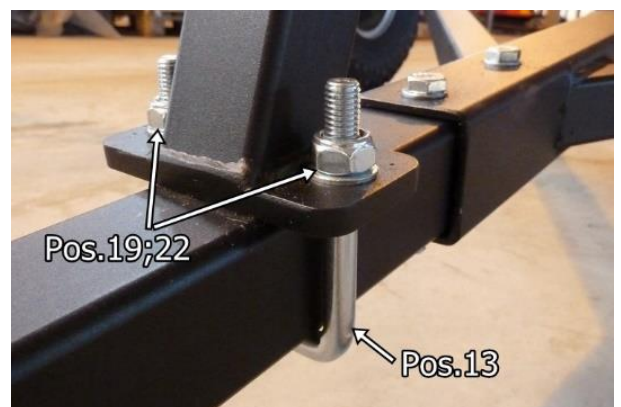
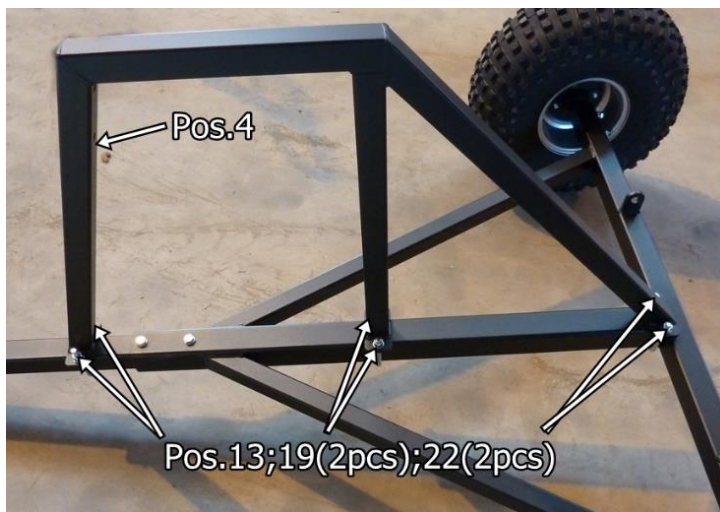
Step 3

Install wheels.



Step 4

Install winch frame.



Step 5

Install hay roll frame.



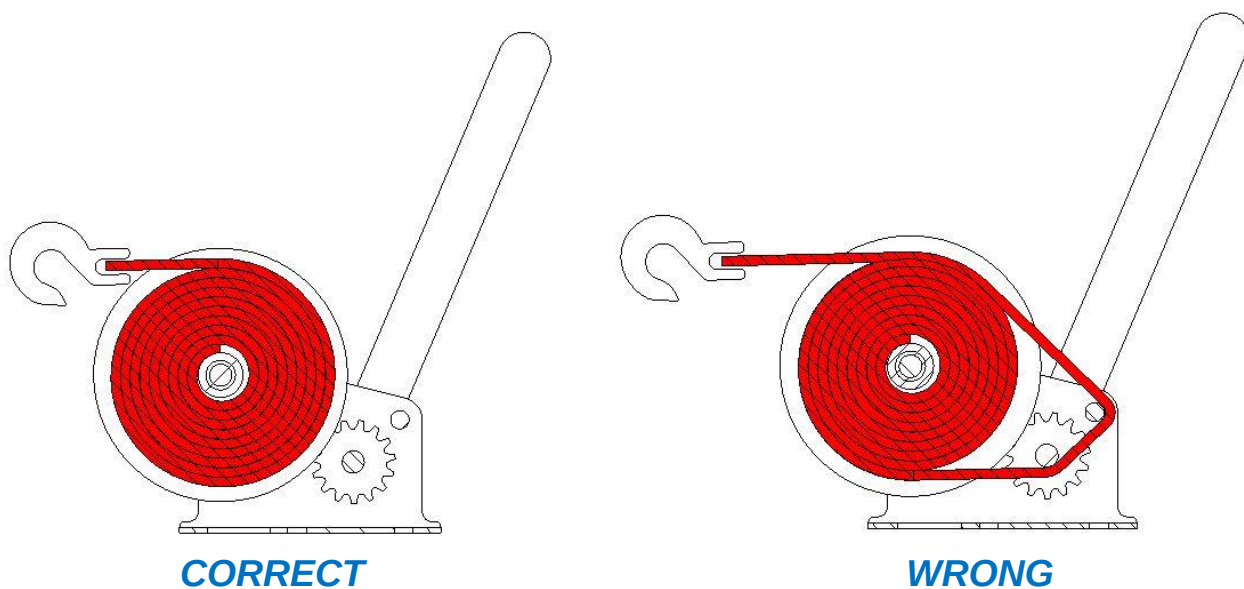
Step 6

Lock the hay roll frame.



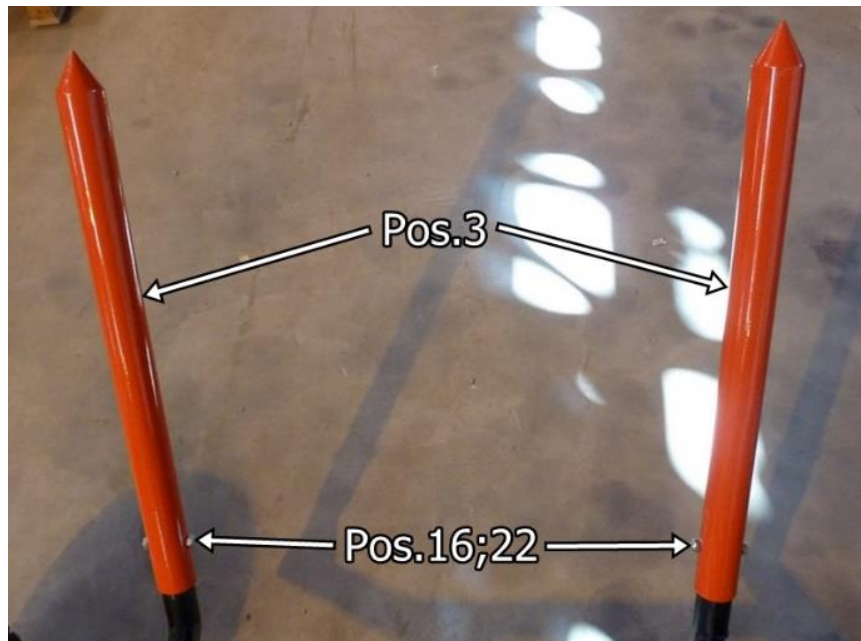
Step 7

Install manual winch. Make sure that the winch line runs from the top of the reel and is positioned correctly.



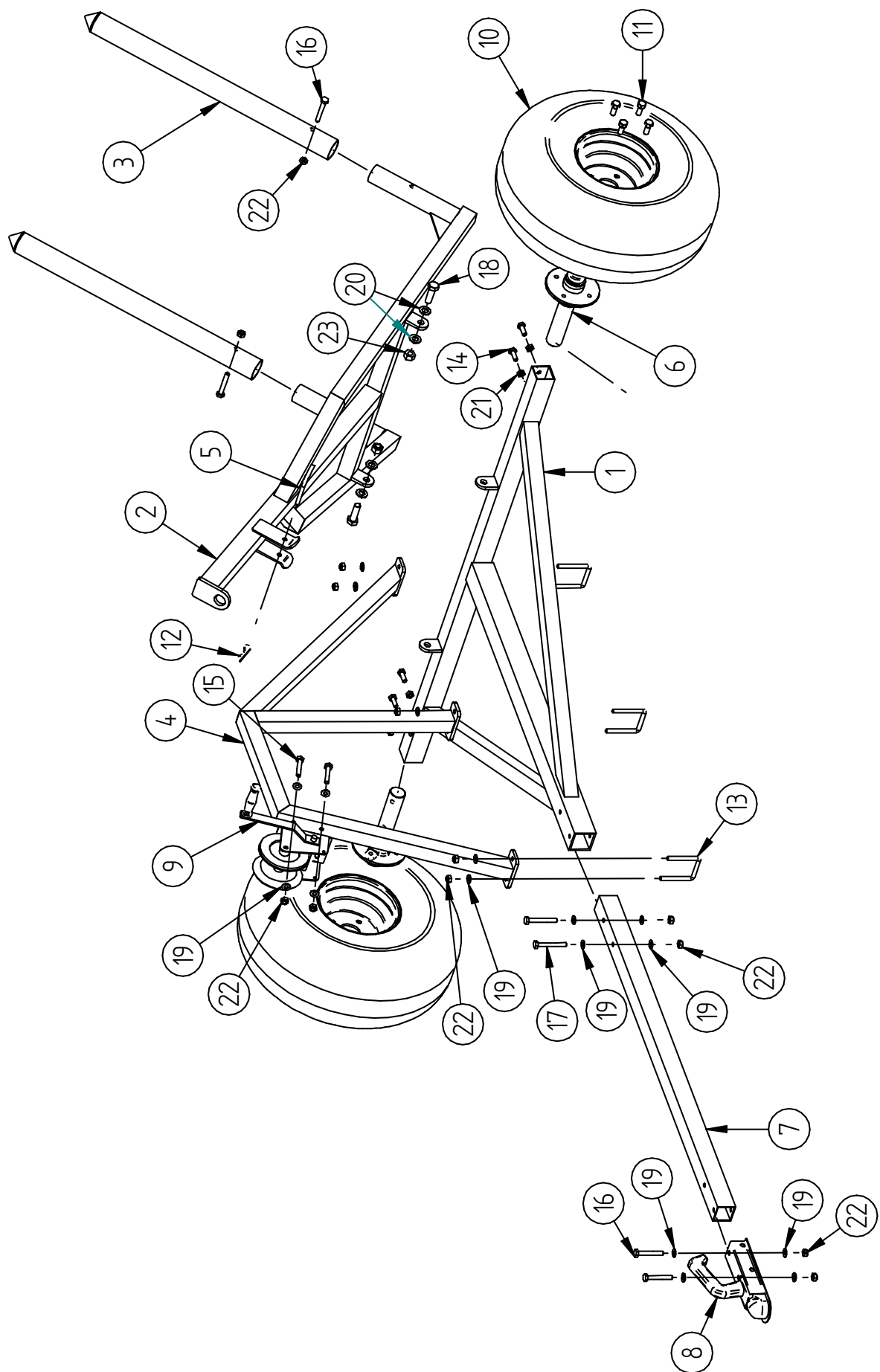
Step 8

Install stakes.



SPECIFICATION

Pos.	Description	Code	Amount
1	Base frame	43.100K	1
2	Hay roll frame	43.200K	1
3	Stake	43.210K	2
4	Winch frame	43.300K	1
5	Pin	43.209	1
6	Wheel hub	43.001	2
7	Tow beam	43.002	1
8	Coupling 50x50	OT.10.02.020	1
9	Manual winch	OT.13.01.011	1
10	Wheel 22x11x8	OT.10.03.010	2
11	Wheel bolt	OT.10.01.020	8
12	Cotter pin 3mm DIN 11024	OT.07.01.020	1
13	U-bolt	23.1006	3
14	Bolt M10x40 DIN933	OT.02.02.330	4
15	Bolt M10x60 DIN931	OT.02.01.043	2
16	Bolt M10x70 DIN931	OT.02.01.046	4
17	Bolt M10x80 DIN933	OT.02.02.355	2
18	Bolt M16x50 DIN933	OT.02.02.645	2
19	Washer 10 DIN125	OT.04.01.040	18
20	Washer 16 DIN125	OT.04.01.060	4
21	Nut M10 DIN934	OT.03.01.040	4
22	Nyloc nut M10 DIN985	OT.03.02.050	14
23	Nyloc nut M16 DIN985	OT.03.02.070	2



IRON BALTIC

IRON BALTIC OÜ
Joa tee 17
Vääna 76903
Estonia / Europe

+372 6 533 711
sales@ironbaltic.com

www.ironbaltic.com
www.facebook.com/ironbaltic
www.youtube.com/user/ironbalticLtd

