

# IRON BALTIC

## UTV SNOW BLOWER

DOWNLOAD MULTILINGUAL  
USER MANUAL



[code.ironbaltic.com/u/68uNAO13](https://code.ironbaltic.com/u/68uNAO13)

Code 30.10000 / 30.10000A

Version 22012024



**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](mailto:sales@ironbaltic.com)



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# EC DECLARATION OF CONFORMITY

Manufactured by: Iron Baltic OÜ  
Address: Põldmäe tee 1, Vatsla 76915  
Product: **Snow Blower**  
Type: **1800 mm**  
Model: **30.10000 / 30.10000A**

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: 01.09.2019



.....  
Tiit Norak  
Member of the Board

# INTRODUCTION

Thank you for choosing Iron Baltic snow blower. This manual contains the technical details of the Snow Blower 1800 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 snow blower 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 possibility of serious injury. Before using the vehicle and snow blower, 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.

## DEFINITION

In this manual the terms “left” and “right” designate directions when sitting on the driver’s seat in a forward-facing position.

## TRAINING

1. Read the safety instructions and terms and conditions of use carefully. Learn how to stop the equipment and deactivate the controls fast.
2. Never allow children to use the vehicle or snow blower. Never allow adults to use the vehicle or snow blower unless they have received appropriate instruction.
3. The vehicle or snow blower should not be used when intoxicated or under the influence of drugs which may affect perception or reactions.
4. Make sure that there are no persons, especially infants, or animals in the equipment’s operating area.



## PROHIBITIONS

- Never use the snow blower unless all of the protective parts are correctly installed.
- Never modify the engine adjustment without approval by the manufacturer.
- Never touch any moving or rotating parts during the operation of the snow blower.
- Never attempt to carry out any adjustments while the engine is running (unless directly recommended by the manufacturer).
- Never stop the engine right after prolonged use
- Never use the snow blower without wearing the proper protective clothing, earmuffs, protective goggles, or anti-slip footwear.
- Never give anybody a ride on the snow blower.
- Never leave an operating snow blower unattended.
- Never fill the equipment when the engine is running or hot.
- Never fill the fuel tank indoors.
- Never allow the engine to run in an enclosed room as gases emitted from the exhaust contain carbon monoxide, which is lethal when inhaled.
- Never use the snow blower on very steep slopes.
- Never use the snow blower unless all of the safety elements have been installed and are being used correctly.
- Never use the snow blower before you have carefully read the entire user’s manual.
- Never wear loose clothing that can become entangled in the machine’s moving parts.
- Never attempt to remove obstacles with the engine running. Before cleaning the snow blower, make sure that the engine has been switched off and that the rotor has stopped moving.
- Never use the snow blower in the dark, unless you are using artificial lighting.
- Never use the snow blower when excessive vibration is being experienced. Instead, stop the snow blower immediately and find out the reason behind the fault.
- Never climb the snow blower.
- Never modify the accessories or any parts without written approval by the manufacturer.



**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.**

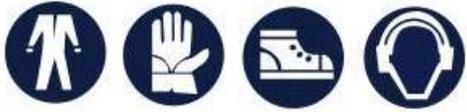
## COMPULSORY TASKS

- Follow the user's manual where it concerns the engine.
- Make sure that every bystander is removed to a safe distance when operating the snow blower.
- Regularly maintain the snow blower and check it before every use.
- Clean the operating area of possibly hazardous objects.
- Allow the vehicle and accessories to acclimatise to the ambient temperature before use.
- Slow down the speed when working on a slope or on an uneven surface.
- Bear in mind that the snow blower's parts may be hot after the machine has been in use.
- Follow every instruction given by the ATV / UTV's manufacturer.
- Be careful when filling the snow blower, especially if engine components are hot.
- Handle fuel with caution, bearing in mind that it is highly flammable.
- Only use the fuel container prescribed by the manufacturer.
- If fuel is splashed onto your clothing, ensure that clothing is changed.
- Always use protective equipment that is designed for every type of product (goggles, earmuffs, protective clothing, anti-slip footwear, etc) (see chapter concerning use).
- The safe road-steadiness of the vehicle shall always be ensured by using the correct accessories for the task in hand (chains, counterbalances, etc).
- Always make sure that every component is correctly installed (ensuring that the drive system is firmly in place and fastened at both ends, and that belts are correctly installed).
- Always wear thick leather gloves when handling the winch rope.
- Make sure that all the safety stickers are in good condition. Replace damaged stickers as required.
- Keep your hands and feet away from the rotating blades.
- Before transporting the snow blower, make sure that it is in the transportation position.

# SAFETY LABELS

Safety stickers must be placed on your UTV snow blower. If any of these stickers is missing from your product or have been damaged, contact the blower's distributor so that any missing stickers can be replaced before the device is used.

## Meanings for safety labels

	<p>Read the instructions given in the user's manual in relation to the wearing of protective clothing, protective gloves, goggles, earmuffs, protective footwear, or a mask.</p>
	<p>Before installation or use, read the user's manual and make sure that you have understood everything correctly.</p>
	<p>Never attempt to perform any adjustment, repair, cleaning or maintenance work while the engine is running. When work has been completed, stop the engine, lower the snow blower, set the gears to neutral, activate the parking brake, and remove the ignition key.</p>
	<p>Danger area! Risk of collision! In order to ensure safety, consider the dimensions, operating area and moving speed of the tool.</p>
	<p>Keep your hands, feet and clothing away from rotating parts while the engine is running! Always make sure that there are no people or obstacles in the operating area! Never attempt to remove obstacles with the engine running! Before cleaning the snow blower, make sure that the engine has stopped and that the rotor has stopped rotating.</p>
	<p>Keep your hands, feet and clothing away from rotating parts while the engine is running. Never attempt to install or remove the driving belt without reading the user's manual.</p>
	<p>Keep your hands away from rotating parts while the engine is running. Never attempt to remove obstacles with the engine running! Before cleaning the snow blower, make sure that the engine has stopped and that the rotor has stopped rotating.</p>

	<p>Danger area! Always make sure that there are no persons, objects or obstacles in the operating area; stop work immediately when danger is present!</p>
	<p>Caution, dangerously hot! Keep away from hot parts!</p>

# PRODUCT DESCRIPTION

Iron Baltic snow blower is an effective and easy to use tool for cleaning large areas like roads, sidewalks, driveways, crossings, and squares from snow. Unlike other snow clearing equipment like shovels, brooms, or plows, snow blowers offer the advantage of displacing the snow a considerable distance away making clearing fast and simple.

1800 mm Snow blower is recommended to use with UTV's or larger and powerful ATV's. The 18-hp Briggs & Stratton Vanguard V-Twin engine ensures easy operation even in tough conditions, wet and heavy snow.

The device is easy to set up and installation takes only about 5-10 minutes. Universally mountable and easily adjustable strong telescopic square push frame fits most ATVs. The blower frame is fixed to the rear hitch ball and secured in the front to the front arms of the vehicle with adjustable chains. Two support wheels are free to rotate 360 degrees and carry all the weight of the snow blower, so the weight does not affect the ATV and the vehicle is only used to move the blower.

From control panel you can start the snow blower engine (electrical start version only), switch off the engine and change the direction of the ejection chute without leaving the driver position. Control panel also has an emergency stop button.

Iron Baltic snow blowers can also be easily switched between the lowered working position and the transport position using an ATV winch making it fast and convenient to move between different work areas.

## Standard equipment:

- Snow blower
- Control panel

## Optional extras:

- Extensions (+200 mm working width and +100 mm height)

Product	Snow blower	
Code	30.10000	30.10000A
Power	18 hp	18 hp
Engine	B&S V-Twin Vanguard	B&S V-Twin Vanguard
Start up	Manual	Electrical
Dimensions	1800 mm x 1000 mm x 2500 mm	1800 mm x 1000 mm x 2500 mm
Working width	1800 mm	1800 mm
Working height	500 mm	500 mm
Weight	240 kg	244 kg

Table 1: Snow blower technical data

# OPERATING

**Attention!**

**Ensure that the user's manual for the vehicle (ATV) is thoroughly read before using the snow blower!**



**Attention!**

**Ensure that the user's manual for the engine is thoroughly read before using the snow blower!**



## PREPARATION

1. Examine the planned operating area carefully and remove doormats, foreign objects, etc.
2. Never use the accessory unless you are wearing proper winter overalls. Avoid loose clothing that might become entangled with moving parts. Wear appropriate footwear that helps to avoid slipping.
3. Handle fuel with caution as this is highly flammable.
  - a. Use an appropriate fuel container.
  - b. Never fill the equipment when the engine is running or is hot.
  - c. Fill the fuel tank outdoors and ensure that you are extremely careful. Never fill the fuel tank indoors.
  - d. Never fill plastic-lined containers while they are in the vehicle or on a carrier or trailer. Always place the container on the ground away from the vehicle before filling.
  - e. If possible, remove any equipment which has a petrol engine from the carrier or trailer and fill it up while it is on the ground. If this is not possible, then fill such equipment from a mobile container, and not from the nozzle of a petrol pump.
  - f. Always press the nozzle against the edge of the fuel tank or container until filling is complete. Never use nozzle-opening equipment.
  - g. Replace the fuel cap firmly and clean off any fuel that may have been spilled.
  - h. Change your clothing if any fuel has been spilled on it.
4. Never attempt to carry out any adjustments when the engine is running (unless directly recommended by the manufacturer).
5. Allow the vehicle and snow blower to acclimatise to the ambient temperature before use.
6. Never use the snow blower unless the covers, plates or any other required safety equipment has been installed.
7. Always use the protective equipment that has been designed for each type of product (goggles, earmuffs, mask, and so on).
8. The safe road-steadiness of the vehicle should always be ensured by using the appropriate accessories (chains, counterbalances, etc).
9. Always make sure that every component is correctly installed (including that the driving system is firmly in place and fastened at both ends, and that belts have been correctly installed).
10. Always wear thick leather gloves when handling the winch rope.
11. Never modify the accessories or any other parts without the written approval of the manufacturer.

## OPERATION

1. Never place your hands or feet near, under, or in the rotating parts.
2. When working on gravel roads, walkways or carriageways, or when crossing them, be extremely careful. Consider possible traffic hazards. Never give a ride to passengers.
3. Following a collision with a foreign object, stop the engine, disconnect the wires and make sure that an accidental start is impossible. Examine the snow blower thoroughly to locate any possible damage and repair that damage before any restart.
4. If the equipment starts vibrating in an excessive manner, stop the engine and immediately locate the cause. As a rule, the presence of vibration is a general indicator that there is a problem.
5. When leaving the vehicle, apply every safety measure possible. Stop the snow blower's engine and lower it to the operating position, set the gears to the neutral position, set the parking brake, stop the ATV's engine, and remove the ignition key.
6. Never start the engine indoors, except when moving the equipment in or out of a building. Never allow the engine to work in a warehouse that does not have ventilation, as petrol contains carbon monoxide, which is odourless, colourless, and which may cause death.
7. Never use the snow blower when moving along or up a slope; only do so when moving down a slope. Be extremely careful when using the equipment on slopes. Never attempt to clean a steep slope.
8. Keep bystanders away from the operating area. Never point the ejection pipe at bystanders, as this may eject gravel or litter that might injure people or cause material damage.
9. Never use the equipment at high speeds on a slippery surface. Be careful when backing up.
10. Never give a ride to passengers.
11. Switch the snow blower's engine off while the blower is being moved or is inoperative.
12. Never use the snow blower unless visibility and lighting levels are sufficient.
13. Keep the snow blower away from heaters or open flames.
14. Never handle the winch rope or hook when they are tense.

## TRANSPORTATION POSITION AND OPERATING POSITION

Use the ATV's winch to change the snow blower's operating position. By pulling on the rope, you will be able to lift the snow blower into the transportation position, and by releasing the rope, you will lower the snow blower into the operating position.



*Transport position*



*Operating position*

### Attention!

Be careful when handling the winch! Never attempt to use it to lift the snow blower into its final position, as this may cause the winch to break!



## HEIGHT ADJUSTMENT

In order to adjust the operating height of the snow blower, release the bolts that secure the skis, find a suitable position, and tighten the bolts firmly.



**Attention!** When adjusting the height, make sure that the snow blower is parallel to the ground!

## CONTROL PANEL

**Control buttons** - use to adjust the position of the ejection chute.

**Emergency "STOP" switch** - use this to stop the snow blower's engine. The LED on the switch indicates the presence of power in the system.

**\*Engine START (IF electric start fitted)** – To start the engine push the START button until the engine starts. To stop the engine push STOP button or Emergency STOP.

NB! For engines with PULL START, the START button acts as ignition ON button!



### Attention!

Never attempt to turn the ejection pipe when it becomes stuck or when it is already in its final position, as this will cause the fuse to burnout!



### Attention!

Use Emergency "STOP" switch to stop the engine when there is possibility of any danger!



### Attention!

Electric start is only available on model 30.10000A



WITH ELECTRIC START



WITHOUT ELECTRIC START

# OPERATION

1. Place the snow blower into the operating position.
2. Make sure that the operation of the fan or any other moving parts is not hindered.
3. Start the snow blower's engine and set it to maximum power.
4. Adjust the ejection pipe to ensure that it is in a suitable position.
5. Commence operation. Choose an operating speed that is suitable for the conditions. Take into account the fact that the snow blower's engine operates at 75%-100% of full power. When moving the snow blower too fast, the engine will be unable to eject the snow, the shaft's rotational speed will be slowed, and this will cause the belt or clutch to wear.
6. When moving from one location to another, lift the snow blower into the transportation position. Make sure that you have enough room to be able to move around and that you do not endanger anyone.
7. Stop the engine by using the "STOP" button when the work has been completed.
8. Place the vehicle on an even surface, set the parking brake, stop the engine, and remove the ignition key in order to avoid an accidental start.
9. Lower the accessory to the ground.
10. Disconnect electrical wires.
11. Unhook the winch hook and remove the winch rope.
12. Unhook the tension adjusters at the front of the vehicle and the hooking equipment at the rear of the vehicle.
13. Remove the vehicle.

## Attention!

Never drive faster than 10km/h when in the transportation position.

Never work on a slope that has an inclination of over 10%.

Never drive faster than 3km/h when in the operating position.



## Attention!

Never use the snow blower as a plough to push snow aside. When the speed of the vehicle is too high, it may overload and jam the snow blower.



# STORAGE

1. Clean the snow blower and base frame thoroughly.
2. Paint all parts where the paint is worn.
3. Mark all parts that are to be replaced in the next season.
4. Follow the instructions given in the chapter concerning greasing.
5. Follow the instructions given in the engine's user manual.
6. Store the snow blower and base frame in a dry place.

# MAINTENANCE

## Attention!

Before carrying out any maintenance work, or any assembly or disassembly of the snow blower:

- switch off the snow blower,
- lower the snow blower to the ground,
- set the parking brake,
- stop the vehicle's engine and remove the ignition key,
- make sure that every moving part has stopped,
- never clean the chute with your hand; always use the appropriate tools.



## Attention!

If the snow blower is in the transportation position, firmly support it so that maintenance work can be carried out.



## MAINTENANCE SCHEDULE

Maintenance schedule	Once an hour	Once a day	Once a week	Seasonally
Maintenance action:				
Engine (see the engine manufacturer's user manual)	•	•	•	•
Cleaning rotor and impeller	•	•	•	•
Cleaning ejection pipe	•	•	•	•
Visual examination of connections for parts		•	•	•
Greasing ejection pipe and wheel connections			•	•
Checking tyre pressure			•	•
Checking drive belts			•	•
Checking rotor bearings			•	•
Checking wheel bearings			•	•
Checking the condition of all connecting parts			•	•
Checking safety stickers			•	•
Checking safety parts			•	•
Checking oil level for speed changer				•
Checking wear on metal parts				•
Checking wear/operating condition of clutch				•

## ENGINE MAINTENANCE

Maintain the engine as per the instructions given in the engine's user manual.

## CHECKING THE SECURING BOLTS

Regularly check the tightness of the securing bolts in order to avoid costly repairs. Make sure that the snow blower is in a safe operating condition.

## TYRE PRESSURE

Check tyre pressure and adjust it to the level of 50psi. Tyre pressure should be equal on both wheels.

## BLADE MAINTENANCE

Check blade wear from time to time. The cutting edge can be turned over. Unscrew the bolts and turn the blade over.

## GREASING

### WHEELS:

Grease the wheel axes and rotating axes every sixteen operating hours.  
Apply oil to every rotating point.

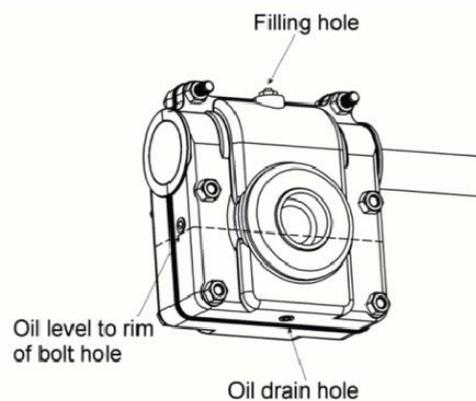
### EJECTION PIPE:

Grease the connections on the ejection pipe every sixteen operating hours.

### SPEED CHANGER:

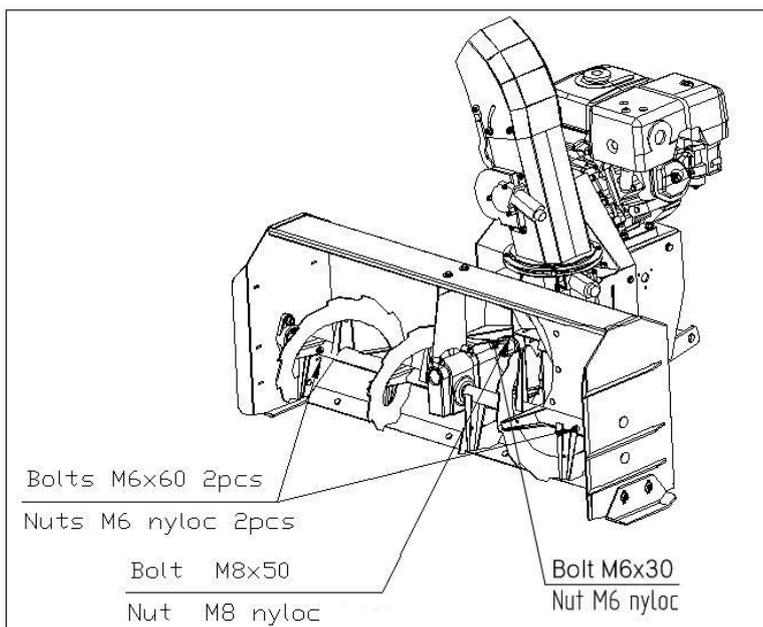
Check oil once per year. Add AGMA 4 EP or SAE 90 oil as required.

There should be 275ml of oil in the gearbox or it should be filled up to the rim of the bolt hole when mounted on the snow blower.



## PROTECTIVE BOLTS

Regularly check the condition of the protective bolts, and replace the bolts with new ones as required. Use M6 x 60 (DIN 931) bolt, M6 x 30 (DIN 931) bolt and M8 x 50 (DIN 931) bolts, M6 Nyloc (DIN 985) nuts, and M8 Nyloc (DIN 985) nuts. Bolts should be grade 10.9.



### Attention!

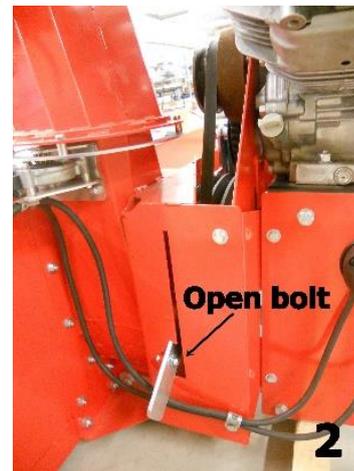
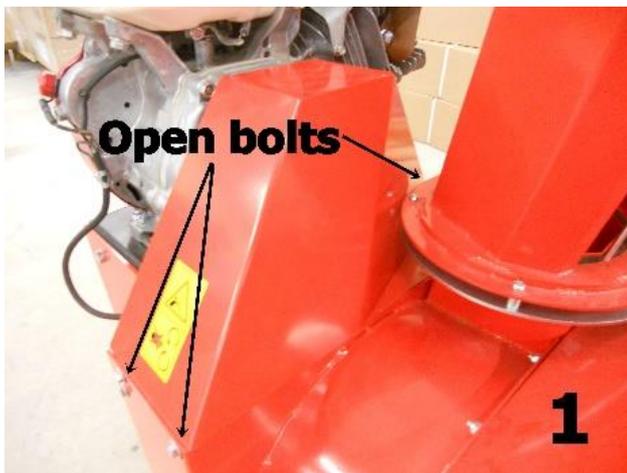
The protective bolts are designed as a preventive measure, but one that will not ensure full protection. The user should be careful. Check the operating area around the snow blower and remove any foreign objects.



## BELT REPLACEMENT

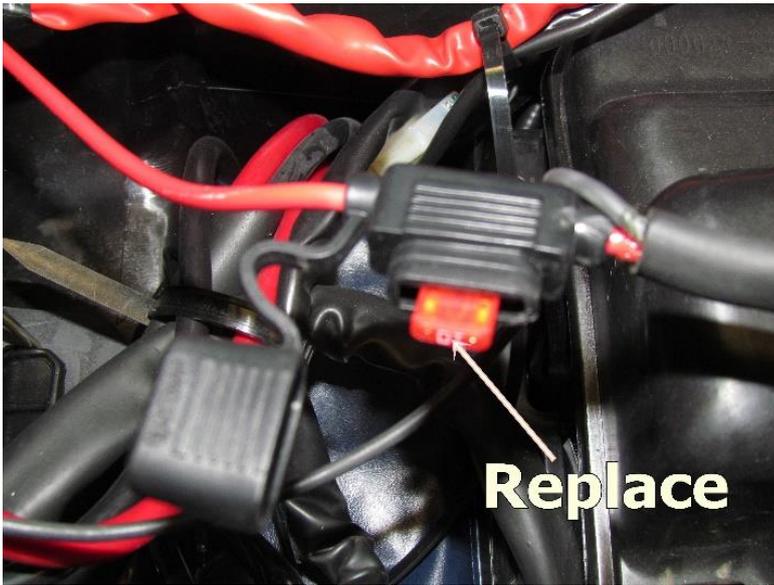
Regularly check the condition of the belt, and replace it as required. Use a B1430 V-belt.

1. Loosen the bolts and remove the cover.
2. Remove the securing bolt.
3. Lift the handle. Replace the belt.
4. Push the handle into the lower position.
5. Insert the securing bolt.
6. Replace the hood and tighten it with the bolts.



## ELECTRIC FUSE

The electric fuse is designed to protect the electrical system. Only use the correct fuse for the power output available. Using more powerful fuses may cause the electrical system to burnout!



### Attention!

The electric fuse is designed to protect the electrical system. Only use the correct fuse for the power output available. Using more powerful fuses may cause the electrical system to burnout!



# INSTALLATION MANUAL

## Step 1

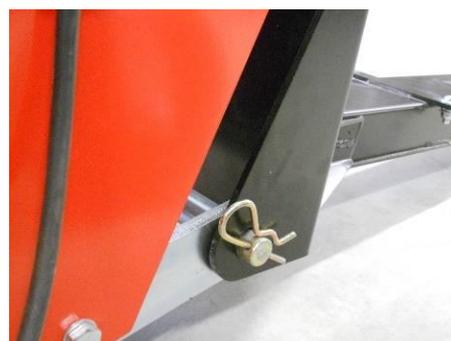
Attach the support wheels (Pos.2) to the fixing frame (Pos.3). Use bolts M10x25, plus  $\varnothing 10$  washers and M10 Nyloc nuts. Tighten the bolts. If needed, you can adjust also the wheels by relocating plastic distance bushes. Always leave the M20 washer between the frame and plastic bush.



**Attention!** Depending on the height of the ATV and the location of the towing hook, choose securing holes that match the height of the bolts. Take into account the fact that the fixing frame should run parallel to the bottom of the ATV.

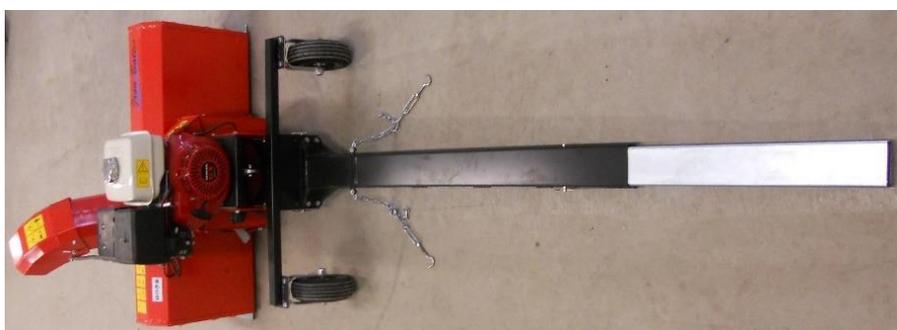
## Step 2

Attach the snow blower (Pos.1) to the securing frame.  
When securing, use the pin (Pos.9) and splint (Pos.13).



## Step 3

Attach the internal pipe (Pos.4) to the securing frame.  
When securing, use the pin (Pos.10) and splint (Pos.13).



**Attention!** Depending on the length of the ATV, choose a length that is suitable for the pipe. Take into account the fact that the securing frame on the snow blower is attached to the towing hook.

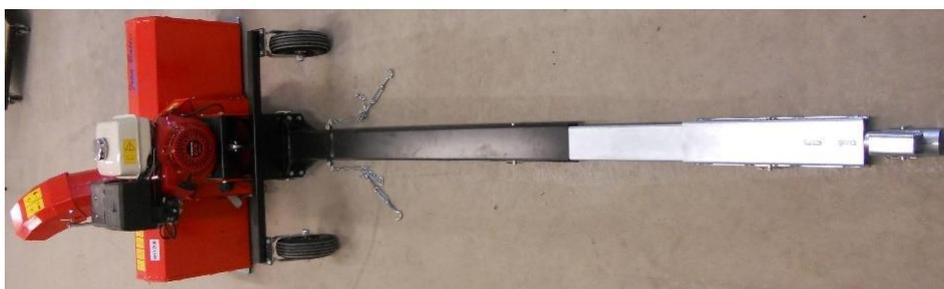
## Step 4

Install the rear pipe (Pos.5) and secure it with the pin (Pos.10) and splint (Pos.13).



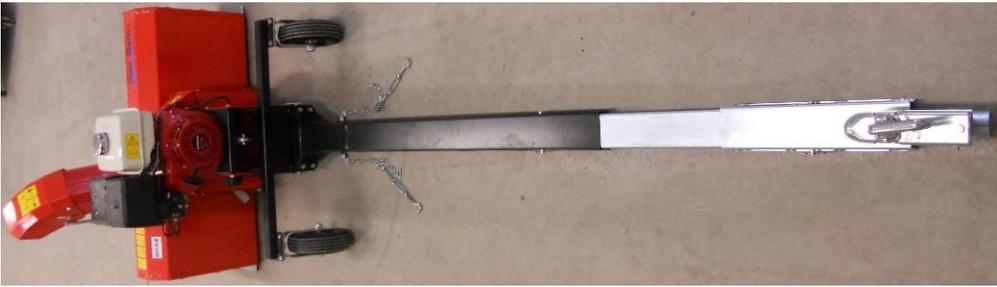
## Step 5

Install the interim adapter (Pos.6) and secure with the pin (Pos.11) and splint (Pos.13).



## Step 6

Install the driving head (Pos.7). Use the pin (Pos.12), splint (Pos.13), the M10x75 bolt, Ø10 washers, and the M10 Nyloc nut.



**Attention!** Depending on the location of the towing hook, choose securing holes that match the height of the bolts. Take into account the fact that the securing frame should run parallel to the bottom of the ATV.

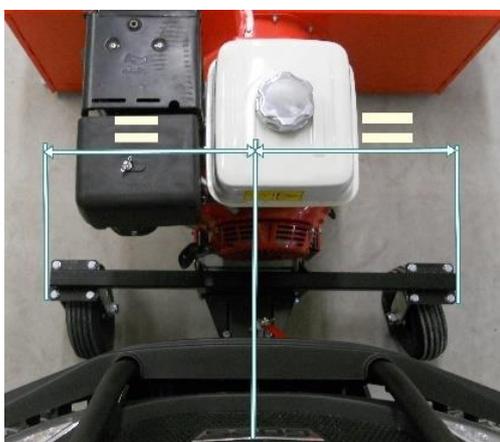
## Step 7

Attach the snow blower to the towing hook.  
Lift the securing frame and secure its position with the pin.



## Step 8

Secure the snow blower to the ATV with chains. Find out a suitable length for the chain, place the towing hook behind the front suspension handle, and tighten firmly.



### Attention!

The snow blower should be centred in relation to the ATV!



### Attention!

Avoid the wheels colliding!  
Make sure that the minimum distance between the support wheels on the snow blower and the front wheels on the ATV is set at 150mm



## Step 9

Attach the winch rope to lift the snow blower. Remove the roller, secure the hook behind the eyelet and position the roller in such a way that the winch rope will be able to start moving on it.



## Step 10

Secure the control panel to the cargo frame.  
Use 28mm U-clips, Ø8 washers, and M8 butterfly nuts.



### Attention!

Make sure that the control panel does not interfere with the ATV's steering.  
Find a location for the control panel which allows free and easy access to the joystick and stop button.



## Step 11

Connect the cables. Connect the wire with fuse to the “+” terminal and the other wire to the “-” terminal on the battery. Connect the remote control and power cables to the junction box. Remote control connector goes to junction box connector labelled “Remote control”. Power cable goes to “Power” connector. NB! Do not force the connectors to junction box, connector will fit only in one correct position! Tighten the plastic nut on the connector to the junction box.



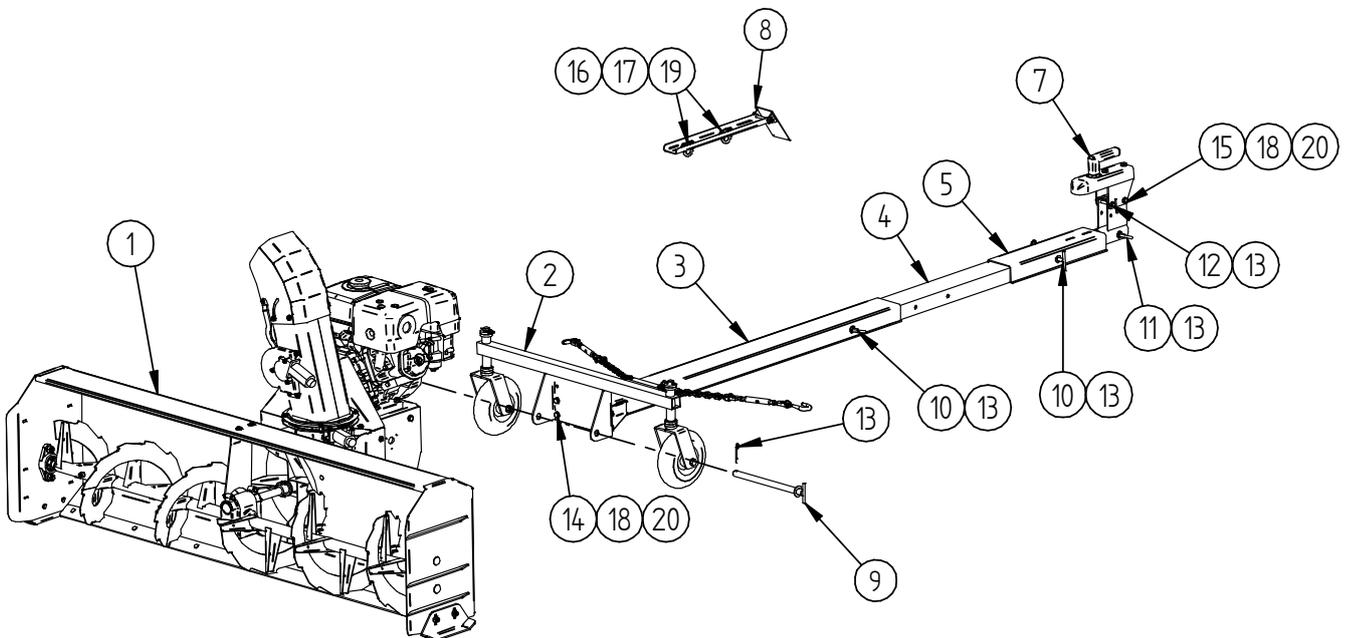
### Attention!

Make sure that the cables do not get under the wheels or any other moving parts and that they do not pose a risk of danger in any other way.

# SPECIFICATION

Pos.	Description	Code	Amount
1	Snow blower	30.10000S	1
2	Support wheels	30.1.01.00	1
3	External pipe	30.1.02.00	1
4	Internal pipe	30.10101	1
5	Rear pipe	30.1.03.00	1
6	Adapter	30.1.04.00	1
7	Driving head assembly	30.1.08.00	1
8*	Control panel holder / Control panel holder for throttle	30.4.02.00 / 30.4.03.00	1
9	Pin $\varnothing 20$ , L = 325mm	30.3.00.00	1
10	Pin $\varnothing 12$ , L = 159mm	30.1.06.00	2
11	Pin $\varnothing 12$ , L = 109mm	30.1.07.00	1
12	Pin $\varnothing 10$ , L = 95mm	30.1.05.00	1
13	Pin splint $\varnothing 3$ DIN11024	OT.07.01.020	5
14	Bolt M10 x 25 DIN933	OT.02.02.317	4
15	Bolt M10 x 75 DIN931	OT.02.01.047	1
16	Pipe clip M8 x 28mm	OT.05.02.030	2
17	Washer $\varnothing 8$ DIN9021	OT.04.02.040	4
18	Washer $\varnothing 10$ DIN125	OT.04.01.040	10
19	Butterfly nut M8 DIN315	OT.03.03.020	4
20	Nut M10 Nyloc DIN985	OT.03.02.050	5

*\* Depends on engine type and configuration*

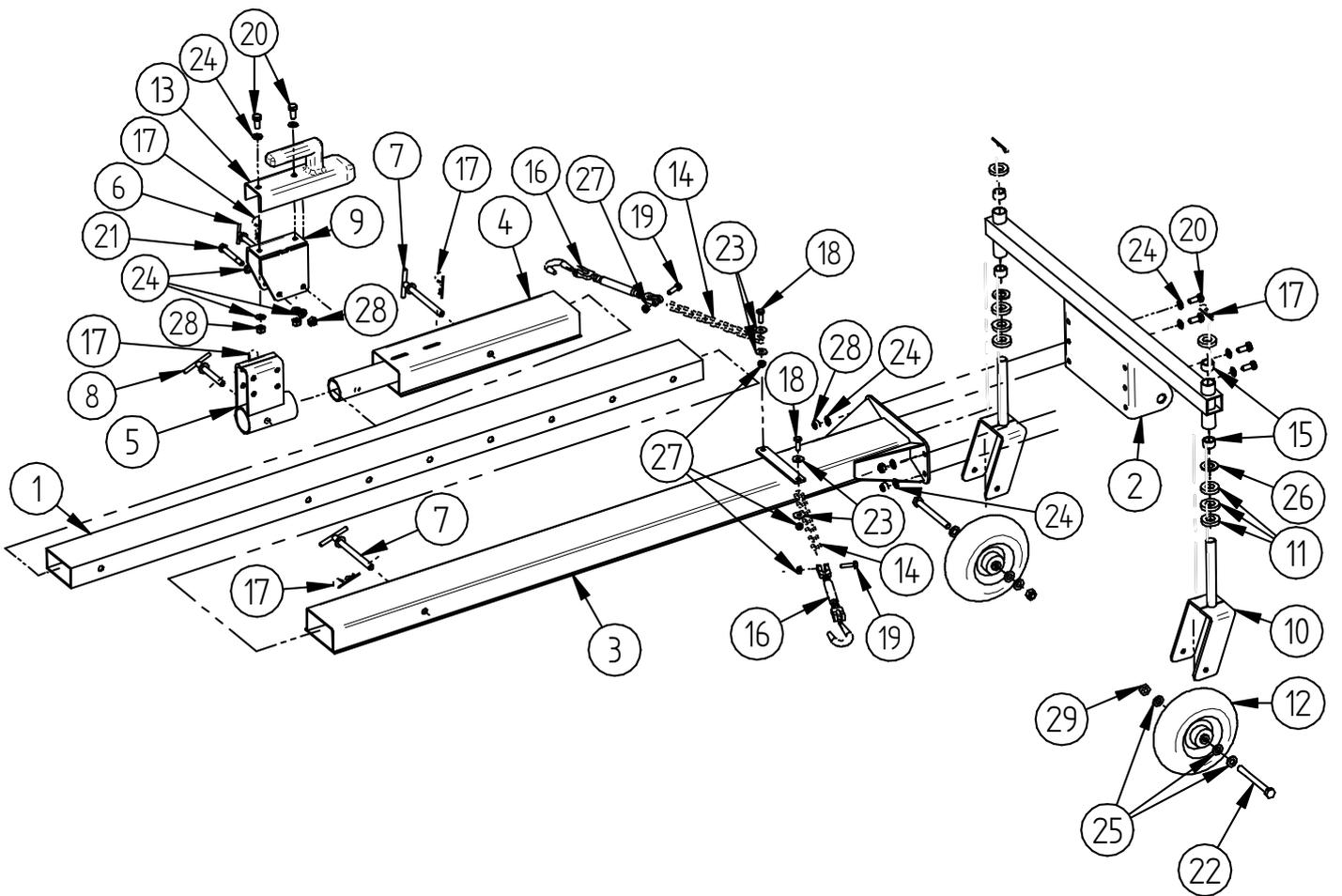


# SPARE PARTS

## SUBFRAME

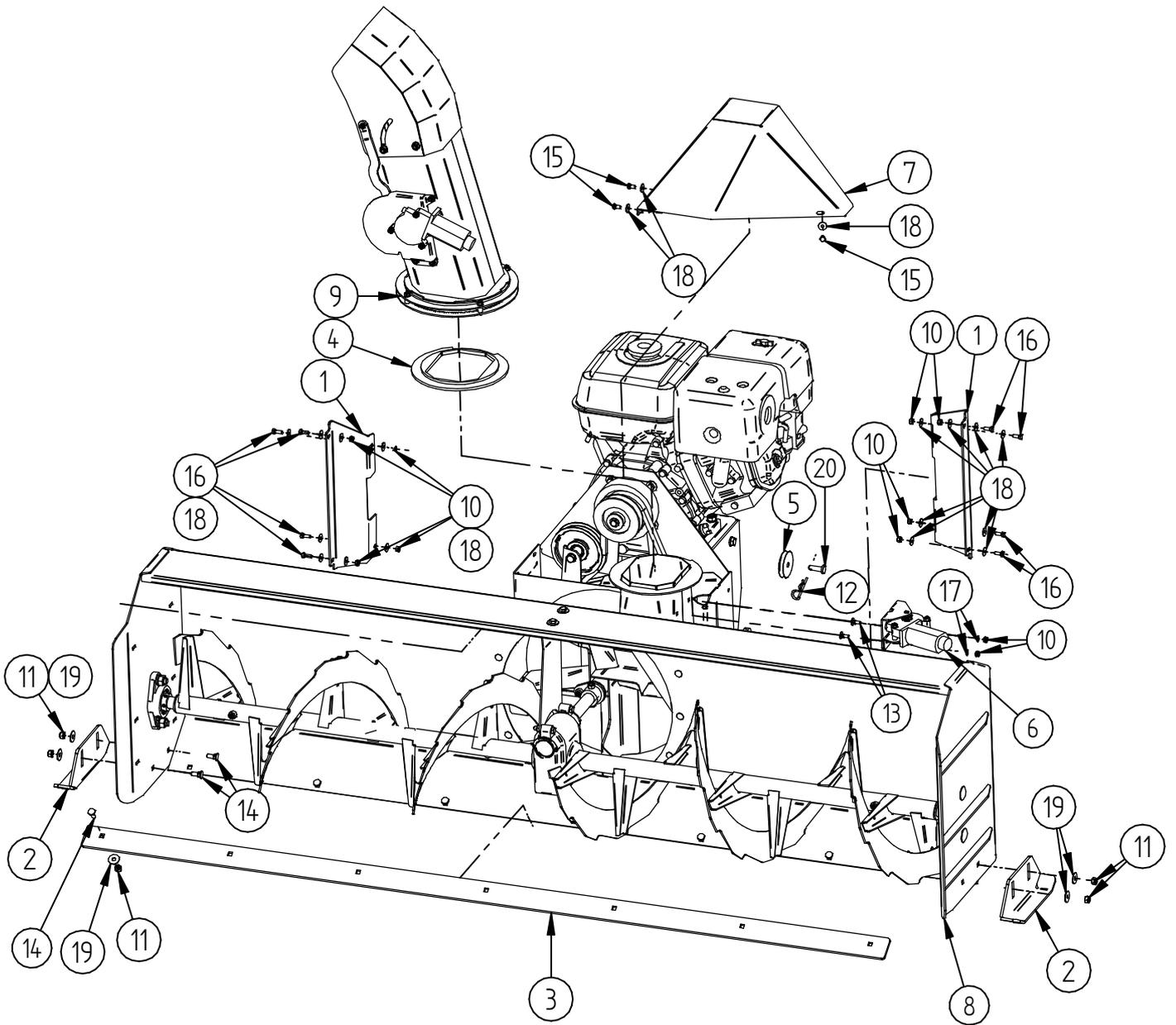
Code: 30.10100

Pos.	Description	Code	Amount
1	Internal beam	30.10101	1
2	Assembly for subframe	30.1.01.00	1
3	Assembly for beam	30.1.02.00	1
4	Assembly for rear box frame	30.1.03.00	1
5	Drive head	30.1.04.00	1
6	Coupling pin d10	30.1.05.00	1
7	Subframe pin d12	30.1.06.00	2
8	Subframe tube pin d12	30.1.07.00	1
9	Assembly for drive head plate	30.1.08.00	1
10	Wheel holder	37.500	2
11	Distance washer (plastic)	37.601	10
12	Wheel 200 mm	OT.10.03.030	2
13	Tow coupling	OT.10.02.030	1
14	Chain 6 mm	OT.27.00.040	4
15	Bronze bushing PBMF 202615 M1G1	OT.34.00.014	4
16	Puller 8 mm	OT.24.00.020	2
17	Cotter pin 3mm DIN11024	OT.07.01.020	6
18	Bolt M8x25 DIN933	OT.02.02.190	2
19	Bolt M8x30 DIN933	OT.02.02.200	2
20	Bolt M10x25 DIN933	OT.02.02.317	6
21	Bolt M10x75 DIN931	OT.02.01.047	1
22	Bolt M12x120 DIN931	OT.02.01.130	2
23	Washer 8 DIN9021	OT.04.02.040	4
24	Washer 10 DIN125	OT.04.01.040	14
25	Washer 12 DIN125	OT.04.01.050	8
26	Washer 20 DIN125	OT.04.01.070	2
27	Nyloc nut M8 DIN985	OT.03.02.040	4
28	Nyloc nut M10 DIN985	OT.03.02.050	7
29	Nyloc nut M12 DIN985	OT.03.02.060	2



**BLOWER**Code: **30.10000S**

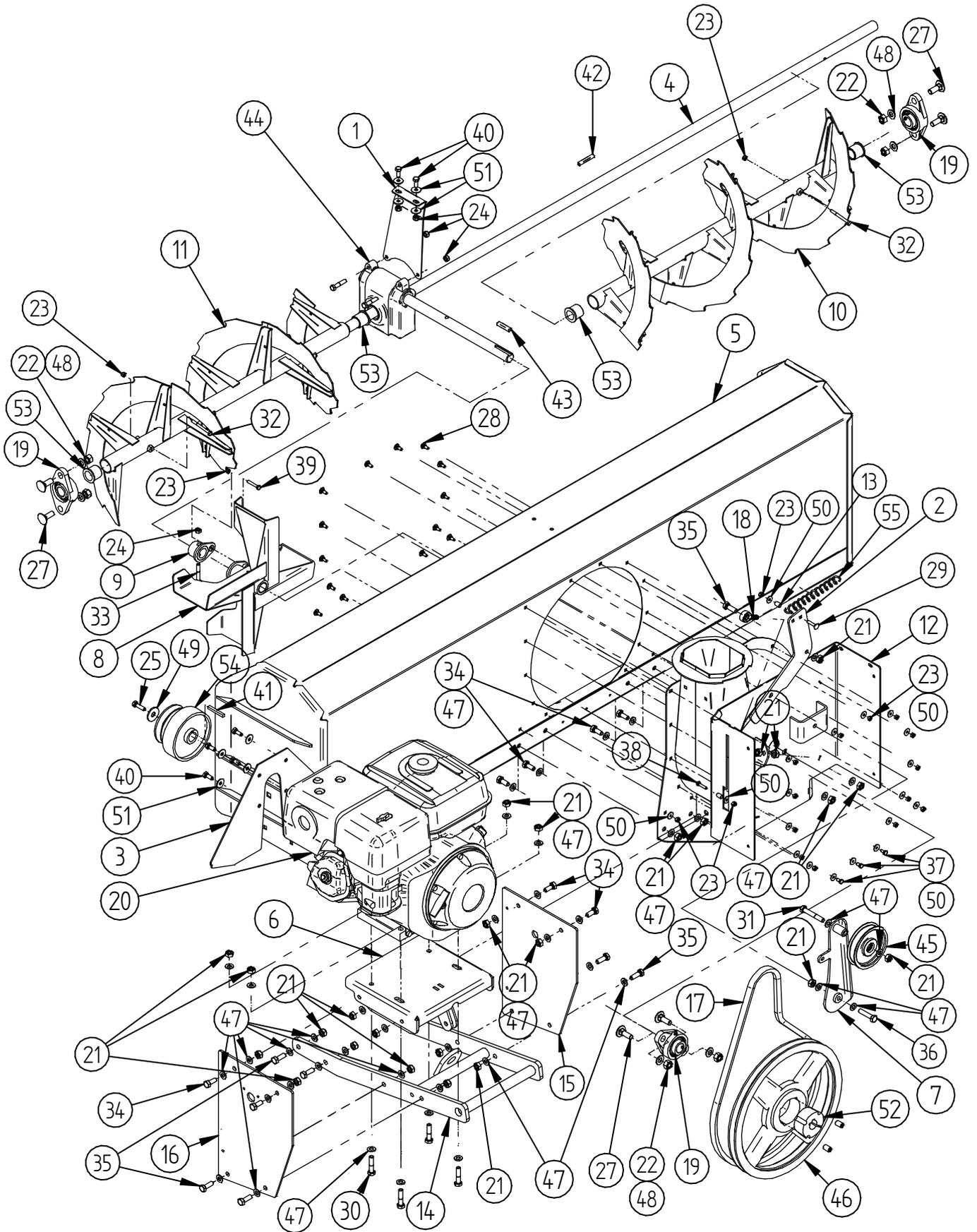
<b>Pos.</b>	<b>Description</b>	<b>Code</b>	<b>Amount</b>
1	Side cover for belt drive	30.2.00.04	2
2	Skid shoes	30.2.00.06	2
3	Scraper	30.10006	1
4	Sleeve bearing for chute	30.2.00.09	1
5	Rope sheave for winch	30.2.00.10	1
6	Assembly for turning gear	30.2.04.00	1
7	Assembly for belt cover	30.2.05.00	1
8	Assembly for main gear	30.10000K	1
9	Outlet pipe	30.2b.00.00	1
10	Nyloc nut M6 DIN985	OT.03.02.030	10
11	Nyloc nut M8 DIN985	OT.03.02.040	11
12	Cotter pin 2mm DIN11024	OT.07.01.010	1
13	Bolt M6x16 DIN603	OT.02.05.010	2
14	Bolt M8x20 DIN603	OT.02.05.050	11
15	Bolt M6x12 DIN933	OT.02.02.030	3
16	Bolt M6x16 DIN933	OT.02.02.050	8
17	Washer 6 SFS3738	OT.04.03.020	2
18	Washer 6 DIN9021	OT.04.02.020	19
19	Washer 8 DIN9021	OT.04.02.040	11
20	Pin 10x30	14.003	1



# MAIN GEAR

Code: 30.10000K

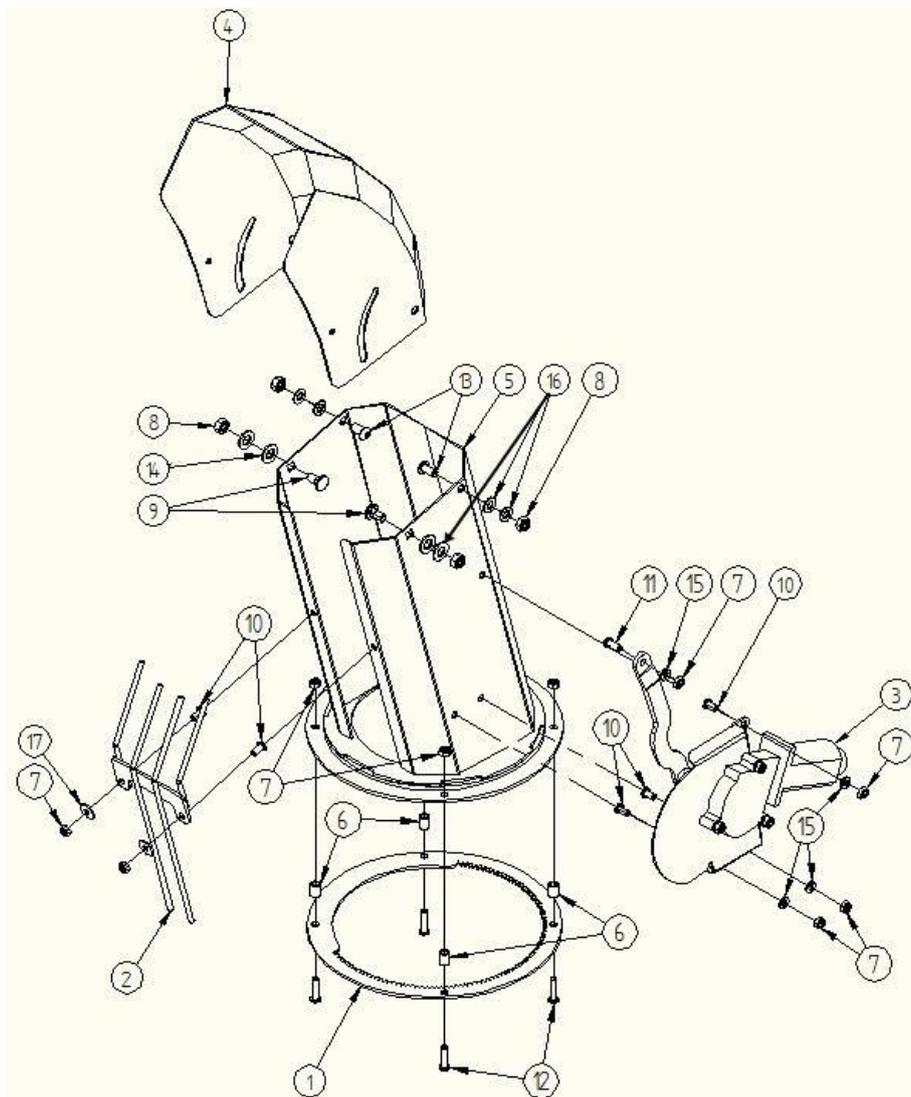
Pos.	Description	Code	Amount
1	Support for reducer	30.2.00.02	1
2	Tighten lever for V-belt	30.2.00.03	1
3	Cover for engine belt drive	30.2.00.05	1
4	Shaft for worms	30.10005	1
5	Assembly for housing	30.10001K	1
6	Assembly for engine fixing base	30.2.03.00	1
7	Assembly for tenter frame	30.2.06.00	1
8	Assembly for rotor	30.2.07.00	1
9	Clutch for rotor	30.2.08.00	1
10	Right side assembly for worm	30.10004K	1
11	Left side assembly for worm	30.10003K	1
12	Assembly for impeller	30.2.14.00	1
13	Bush 10/7 – 13	30.2.14.05	1
14	Assembly for subframe	30.2.15.00	1
15	Plate for right side subframe	30.2.15.02P	1
16	Plate for left side subframe	30.2.15.02V	1
17	V-belt B 1430	OT.18.00.023	1
18	Ball joint RM 10	OT.34.00.001	1
19	Bearing pedestal UCFL 205	OT.34.00.002	3
20	Engine Briggs & Stratton Vanguard V-Twin	OT.12.02.010	1
21	Nyloc nut M10 DIN985	OT.03.02.030	25
22	Nyloc nut M12 DIN985	OT.03.02.040	6
23	Nyloc nut M6 DIN985	OT.03.02.050	19
24	Nyloc nut M8 DIN985	OT.03.02.060	5
25	Bolt UNF 3/8 x 1-3/4	OT.02.07.001	1
26	Bolt 5/16 UNF x 3/4	OT.02.07.004	4
27	Bolt M12x30 DIN 603	OT.02.05.140	6
28	Bolt M6x12 DIN 603	OT.02.05.010	14
29	Bolt M6x25 DIN 603	OT.02.05.020	1
30	Bolt M10x45 DIN 931	OT.02.01.040	4
31	Bolt M10x65 DIN 931	OT.02.01.045	1
32	Bolt M6x60 DIN 933 10.9	OT.02.02.141	2
33	Bolt M8x50 DIN 933	OT.02.02.240	1
34	Bolt M10x20 DIN 933	OT.02.02.310	4
35	Bolt M10x25 DIN 933	OT.02.02.317	4
36	Bolt M10x30 DIN 933	OT.02.02.320	10
37	Bolt M6x12 DIN 933	OT.02.02.030	3
38	Bolt M6x30 DIN 933	OT.02.02.080	1
39	Bolt M6x30 DIN 933 10.9	OT.02.02.081	1
40	Bolt M8x16 DIN 933	OT.02.02.170	2
41	Parallel key ANSI B17 – B – 0, 25x0,25x2”		1
42	Parallel key DIN6885-B-6x6x50	OT.34.00.003	1
43	Parallel key DIN6885-B-8x7x40	OT.34.00.004	1
44	Reducer	OT.18.00.030	1
45	Tensioning idler for V-belt	30.2.16.00	1
46	Belt pulley SPB355 taperlock	OT.18.00.020	1
47	Washer 10/20 DIN125	OT.04.01.040	45
48	Washer 12/24 DIN125	OT.04.01.050	6
49	Washer 12/37 DIN9021	OT.04.02.060	1
50	Washer 6/18 DIN9021	OT.04.02.020	19
51	Washer 8/24 DIN9021	OT.04.02.040	8
52	Bush 2012 D25	OT.18.00.020	1
53	Plastic bush for worm tube	OT.34.00.008	4
54	Centrifugal clutch	27.003	1
55	Spring 3.2*22*108	OT.18.00.060	1



## OUTLET PIPE

Code: **30.2b.00.00**

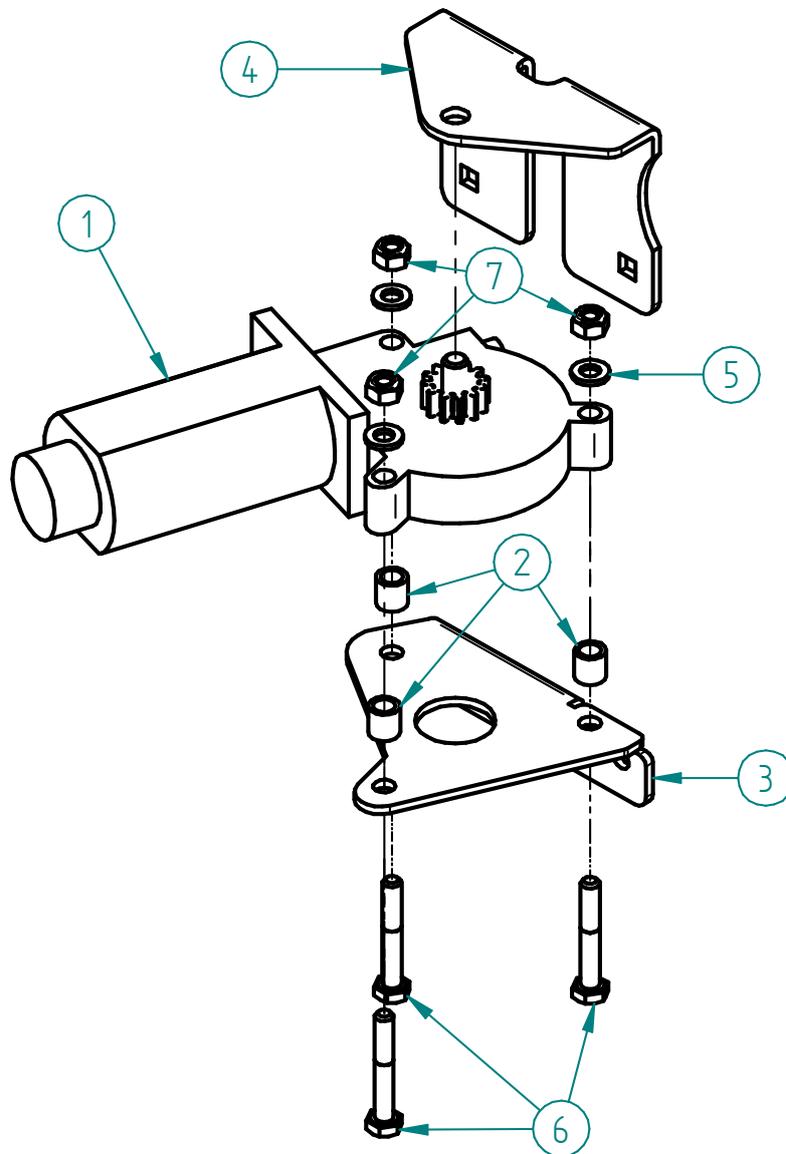
Pos.	Description	Code	Amount
1	Gear wheel for turning gear	30.2.00.01	1
2	Assembly for stone releasing system	30.2.01.00	1
3	Assembly for cascade drive	30.2.09.00	1
4	Assembly for deflector	30.2.10.00	1
5	Assembly for chute	30.2.13.00	1
6	Bush 10/7 - 13	30.2.14.05	4
7	Nyloc nut M6 DIN985	OT.03.02.030	10
8	Nyloc nut M8 DIN985	OT.03.02.040	4
9	Bolt M8x16 DIN603	OT.02.05.040	2
10	Bolt M6x12 ISO7380	OT.02.03.010	5
11	Bolt M6x16 ISO7380	OT.02.03.020	1
12	Bolt M6x25 ISO7380	OT.02.03.040	4
13	Bolt M8x16 ISO7380	OT.02.03.078	2
14	Washer 10 Nylon 6/6	OT.04.01.041	2
15	Washer 6/15 SFS3738	OT.04.03.020	4
16	Washer 8 Nylon 6/6	OT.04.01.031	6
17	Washer 6/18 DIN9021	OT.04.02.020	2



# TURNING GEAR

Code: 30.2.04.00

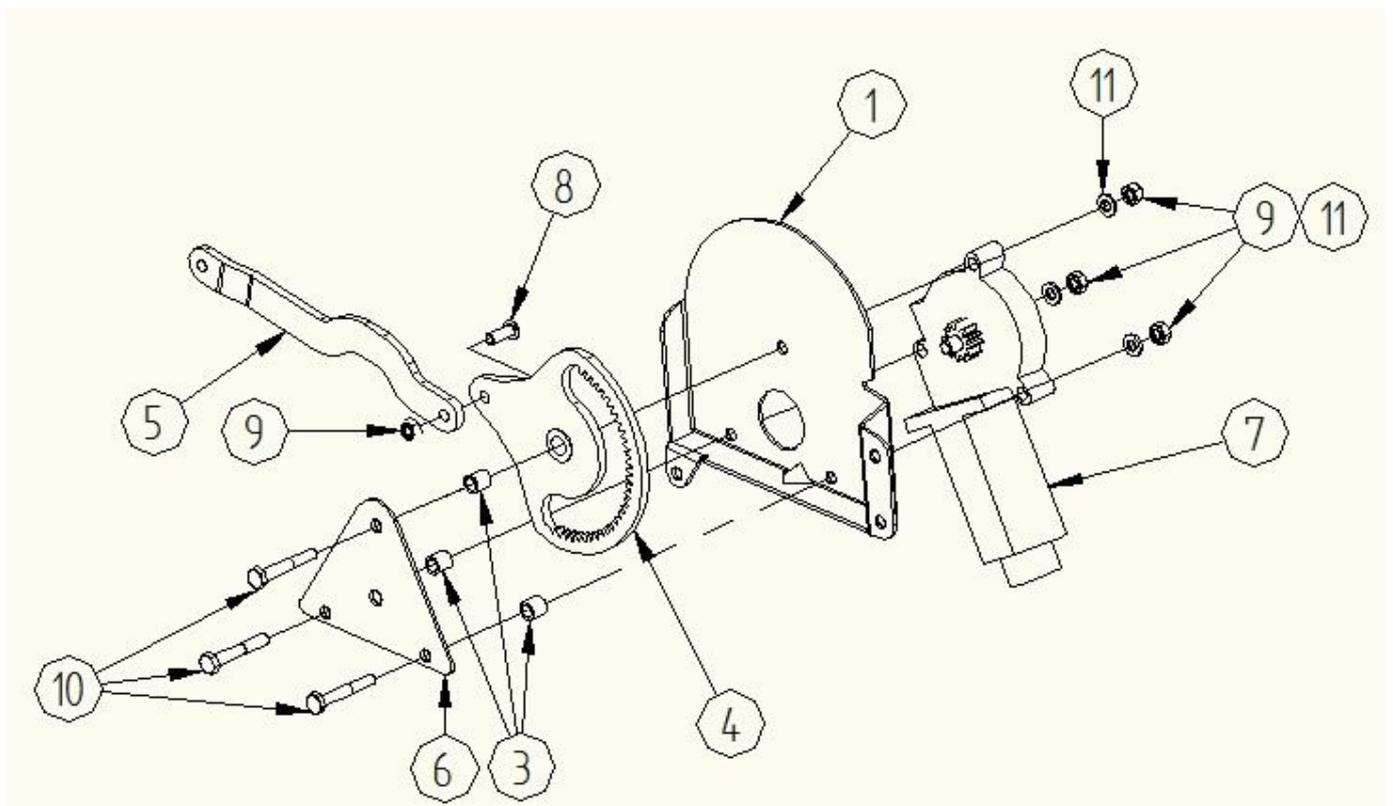
Pos.	Description	Code	Amount
1	Motor-reducer	OT.18.00.010	1
2	Bush 10/7 - 10	30.2.04.01	3
3	Shoe for lowest inversion	30.2.04.03	1
4	Shoe for upper inversion	30.2.04.02	1
5	Washer 6 SFS3738	OT.04.03.020	6
6	Bolt M6x40 DIN933	OT.02.02.100	3
7	Nyloc nut M6 DIN985	OT.03.02.030	3



## CASCADE DRIVE

Code: 30.2.09.00

Pos.	Description	Code	Amount
1	Housing for cascade drive	30.2.09.02	1
3	Bush 10/7 – 10	30.2.04.01	3
4	Assembly for crank	30.2.09.04 K	1
5	Lever for cascade drive	30.2.09.03	1
6	Triangle	30.2.09.01	1
7	Motor-reducer	OT.18.00.010	1
8	Bolt M6x16 ISO7380	OT.02.03.020	1
9	Nyloc nut M6 DIN985	OT.03.02.030	4
10	Bolt M6x40 DIN931	OT.02.02.100	3
11	Washer 6 SFS3738	OT.04.03.020	3





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