

User manual

Responsible manufacturer: Stoneless ApS

Machine: ATV-STENSAMPLER



This instruction manual is translated to English, from Stoneless' original user manual for "ATV-Stensampler"
(hereinafter referred to as "the machine")

Copy of original

Purpose

The purpose of this user manual is to ensure correct use and maintenance of the machine. The instructions for use are general instructions for use, with an emphasis on the safety aspects that relate to the assembly.

For information regarding the petrol engine, refer to the respective user manual.

Availability

The user manual can always be accessed online via Stoneless' website: www.stoneless.dk/en/manual/ or by scanning the QR code which can be found on the top of the machine, above the petrol engine.



Familiarity

It is the employer's (machine owner's) obligation to ensure that everyone who must operate or maintain the machine has read the user manual.

In addition, everyone who has to operate or maintain the machine has a duty to search for information in the user manual themselves.

Manufacturer

Company name: Stoneless ApS

VAT-number: DK40613218

Adress: Søgade 26 kld. 8600 Silkeborg

Designation

Original name of the machine is: ATV-Stensamler

Machine plate

The machine plate is located at the front of the machine on the right (under the hydraulic tank)

Installation guide:

1- The control box is mounted in a desired location on the towing vehicle, with the supplied brackets.

On ATVs, we recommend as shown in the picture, so that you can easily reach the joystick with your thumb while driving.

It is extremely important that the control box is mounted so that it does not interfere with the control of the towing vehicle.

2- The cigar plug is inserted into the vehicle's cigar plug (Minimum 8A)

ATTENTION: After each use, this cigar plug must always be pulled out so that no electricity can flow through it.

3- The coupling plug is mounted in a safe place at the back of the vehicle.

IMPORTANT:

Be sure that the wires are routed securely through the vehicle so that they cannot be damaged or heat up while driving.



Adjusting hydraulic pressure:

On the pinole screw, as shown in the pictures, the pressure in the hydraulic system can be adjusted as needed.

-The first time you drive the stone collector, we recommend having tools with you to be able to adjust and adjust this pressure relief valve.



By screwing the pinole screw in further, more pressure is created, and the stone collector becomes stronger and can handle larger and heavier stones.

By adjusting it outwards, less pressure is created, and the petrol engine does not have to run at so many revolutions.

(We recommend adjusting the pressure so that the engine can run at approx. 50% rpm without choking at full load)

Purpose and use

The machine is clamped to a towing vehicle such as an ATV, UTV, or mini tractor.

The machine may only be used for collecting single stones in outdoor fields.

The operator only has to focus on collecting 1 stone at a time, so that every movement of the machine is controlled and adapted to each individual stone that is collected.

It is not permitted to lower the bucket and thereby simply activate the rotor arm continuously while driving forward, as this can create unpredictable situations for which Stoneless cannot be held responsible.

Operator location

During operation, the operator of the machine must always be located in the driver's seat of the towing vehicle, and have full control and visibility over it. At the same time, the operator must ensure that the machine maintains a safety distance of at least 2 meters from other people when the petrol engine is started.

General description

The machine consists of:

Stone collector + joystick operation












Jammed rocks

Should situations arise where stones or other material get stuck in the machine, in such a way that it has to be removed manually, you must make sure that the petrol engine is always switched off before you start messing around with the machine or removing the object.

Noise

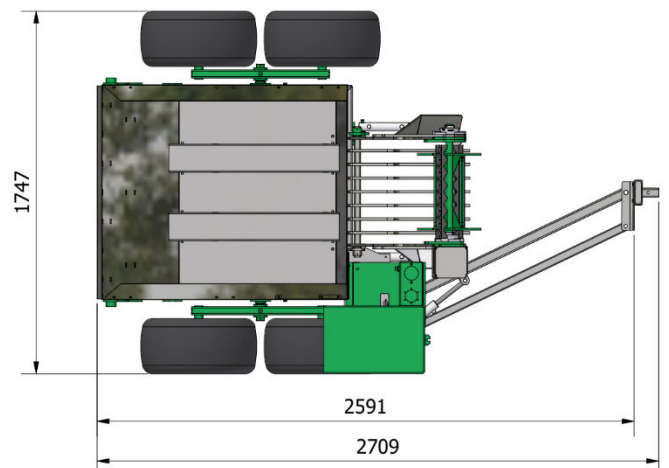
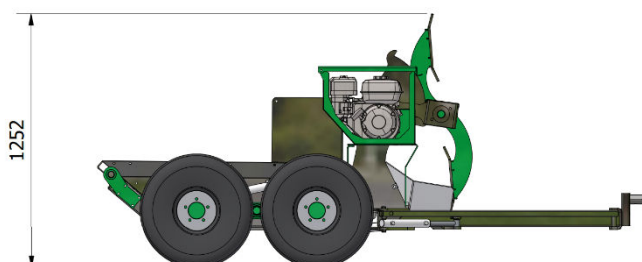
The noise level around the machine exceeds 80 dB.

Warnings / Safety regulations


-  Always ensure that the towing vehicle is suitable for towing the rock picker and that the vehicle's owner's manual has been read and fully understood before coupling
-  The operator of the machine must only operate after correctly mounting the control box on the towing vehicle
-  When the petrol engine is started, the operator must always ensure that the moving parts of the machine maintain a safety distance of at least **2 meters** from other people and the operator himself
-  If it becomes necessary to remove jammed stones or other objects manually from the stone collector, the petrol engine must always be switched off
-  In other situations where it is necessary to tinker with the machine, the engine must also always be switched off
-  When driving on an incline of more than 10 degrees, it is strictly forbidden to operate the machine
-  The machine must never be towed at a speed of more than 25 km/h
-  Never load the stone collector with more than 400 kg, in addition to the machine's own weight
-  When disconnecting and connecting, always use a jack by lifting the drawbar from below
-  Always make sure that the ball hitch on the machine is properly engaged with the towing vehicle
-  Also read the safety regulations and warnings given in the petrol engine's user manual


Dimensions and weight:

Shown dimensions are displayed in millimeters
Total weight: 420kg



Service and maintenance

 **Remember!** The petrol engine must always be switched off when servicing

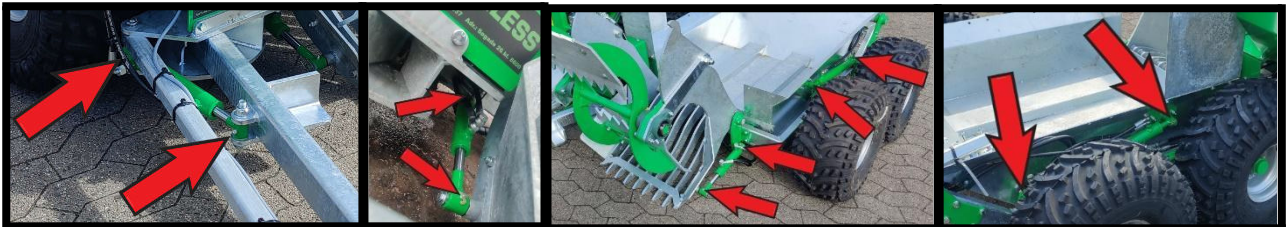
- Service and maintenance of the petrol engine (**Read the respective user manual**) 
- Bolts, nuts and splitters are reviewed regularly (**Retighten if necessary**)
- Hydraulic hoses and electrical wiring are checked regularly (**Adjust or replace if necessary**)
- Hydraulic oil level is checked before each use, sight glass must be at least 2/3 full (**Oil type HVLP 46**)
- Recommended air pressure in tires (**1 bar**)

Grease guide:

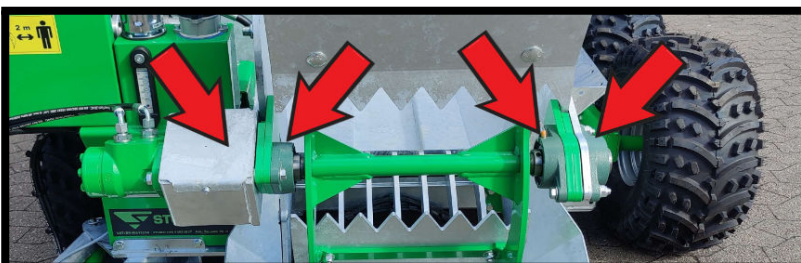
Boogie Suspension must be greased on each side after every 10 operating hours



These 5 hydraulic cylinders must be greased after every 30 operating hours



These 4 bearings must be greased after every 100 operating hours
(If there are no grease nipples here on your model of machine, you can skip these)

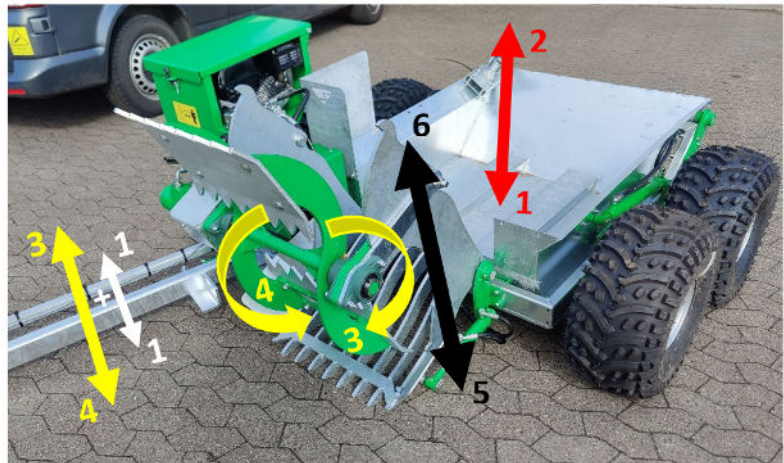


Functional description

! The operator must always sit in the driver's seat of the towing vehicle when operating the machine

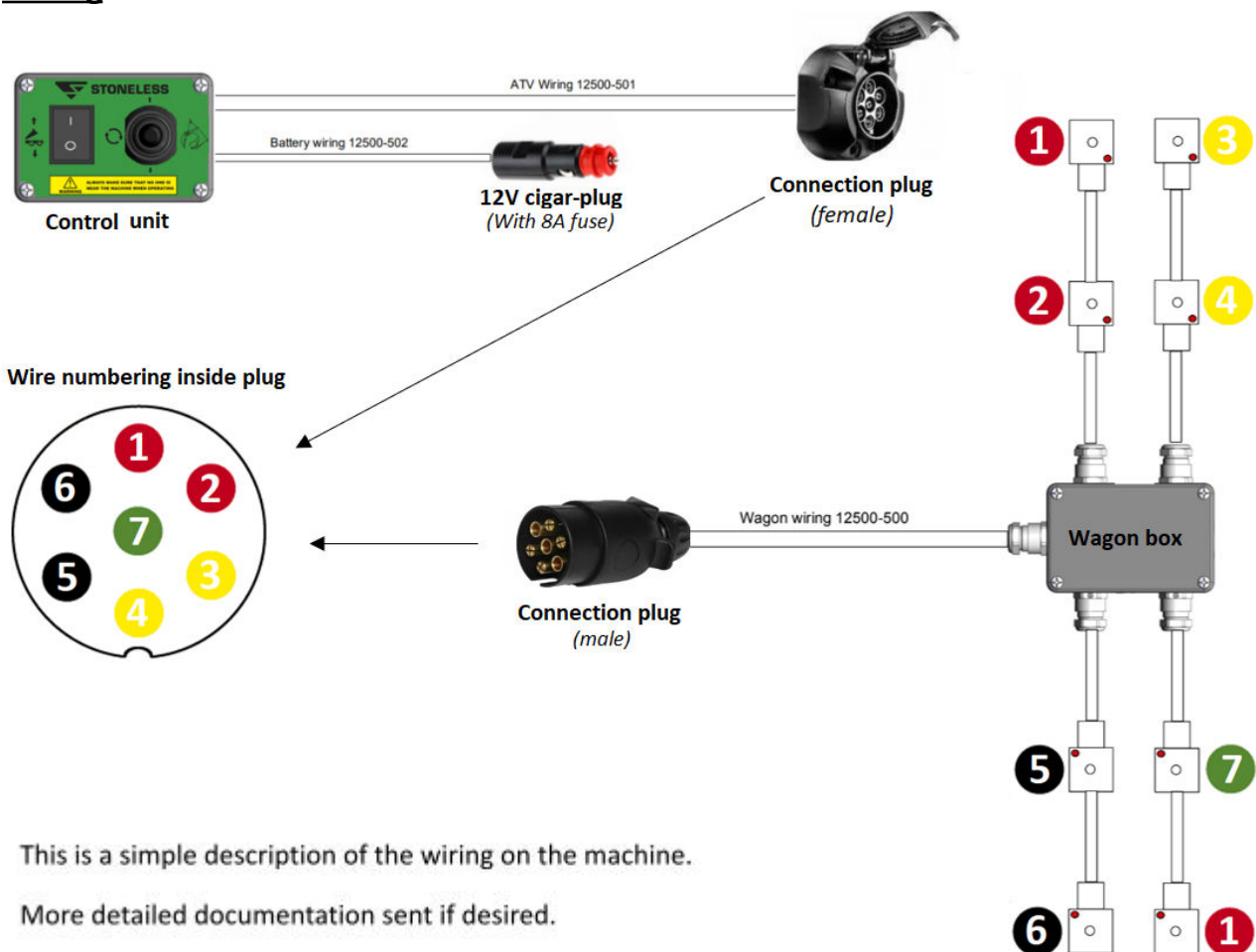


- Hæv og sænk lad: 2 – 1
- Roter fangarm: 4 – 3
- Hæv og sænk skovl: 6 – 5
- Juster sideforskydning: (1+4) – (1+3)



- If the features do not match as indicated in the illustration above, please contact Stoneless

Wiring

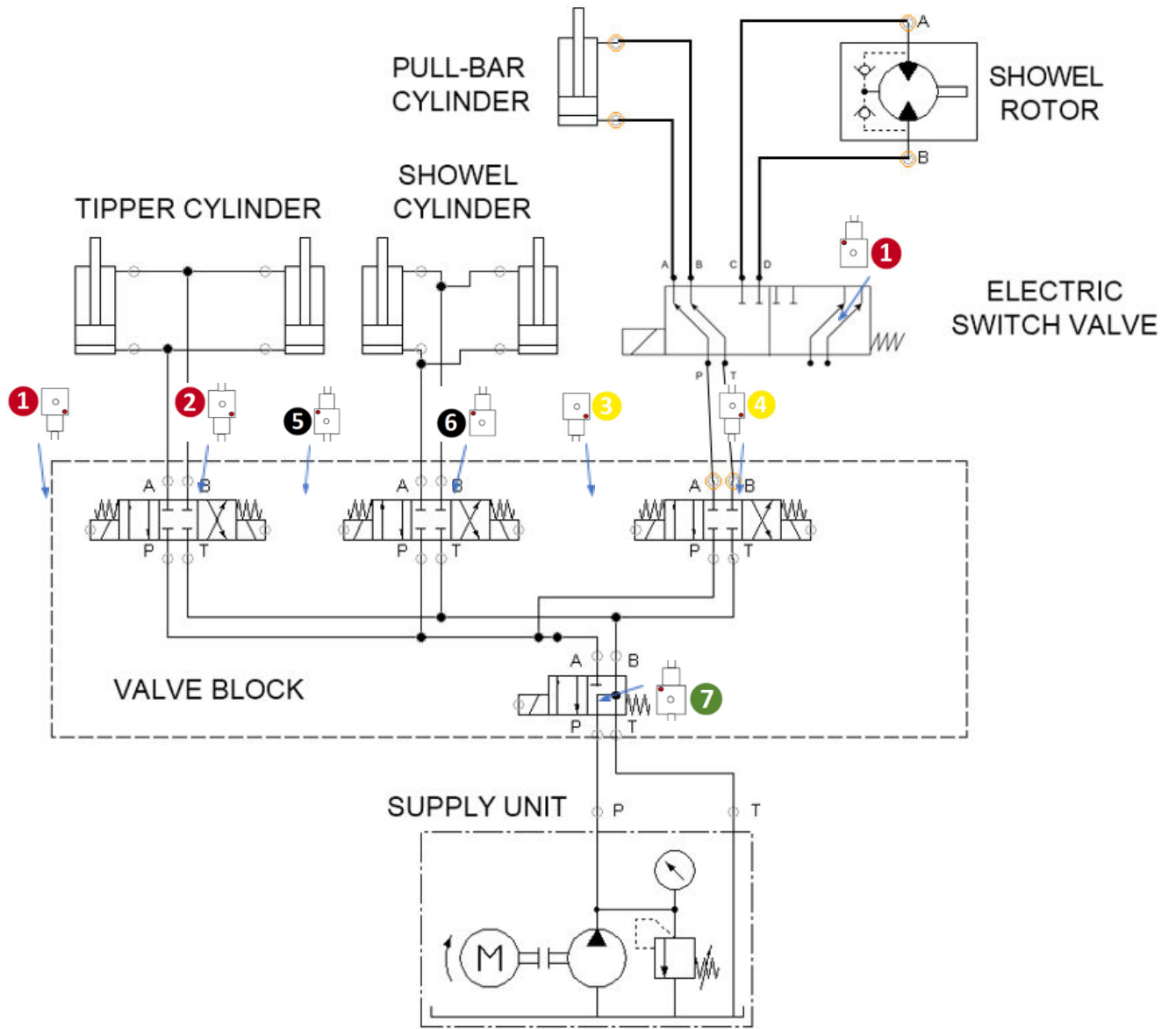


This is a simple description of the wiring on the machine.

More detailed documentation sent if desired.

Please contact Stoneless ApS

Hydraulic diagram



Termination of use

The machine is dismantled and sorted into categories, as required by applicable environmental requirements. The product is subject to directive 2012/19/EU on waste electrical and electronic equipment (WEEE).

The product must not be disposed of together with unsorted household waste. Use the local WEEE collection points for the disposal of this product and ensure that all relevant regulations are observed.



Declaration of Conformity

Stoneless' ATV Stensamler

Type: ATV-STENSAMPLER

which is covered by this statement is in accordance with

2006/42/EF (The Machinery Directive

(Danish executive order no. 693 of 17 September 2018, with subsequent amendments)

Søgade 26 kld., 8600 Silkeborg

.....
Søren Vestergaard Kristensen
Proprietor

Stoneless ApS

VAT.: DK40613218

Mobile +45 53571837

www.stoneless.dk/en/