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GB User manual

GB – Weedbrush model

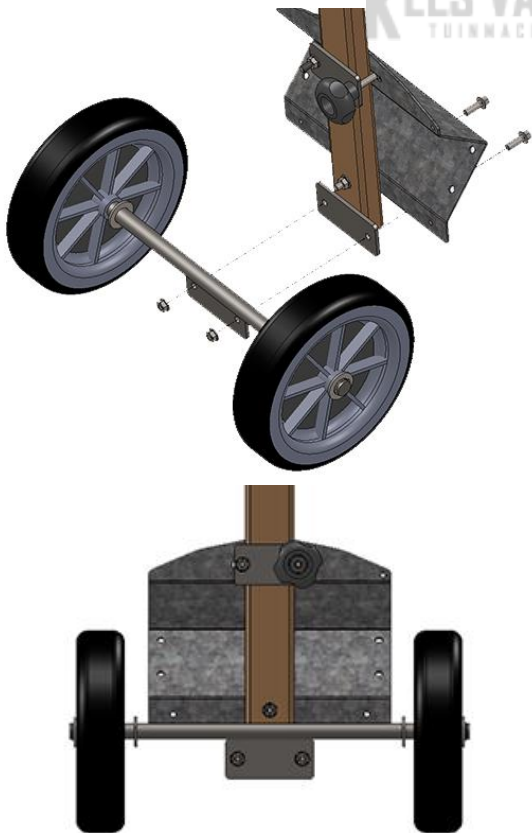
**GREENBUSTER Pro 66**

**KEES VAN DER SPEK**  
TUINMACHINES ★ STOLWIJK

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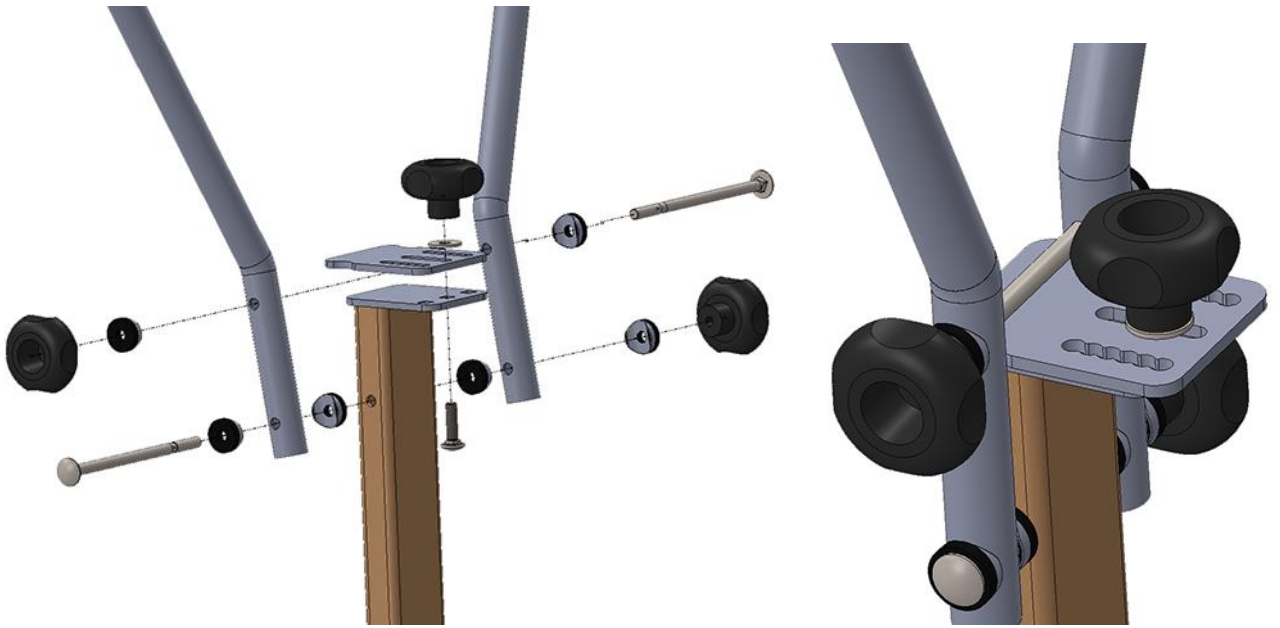
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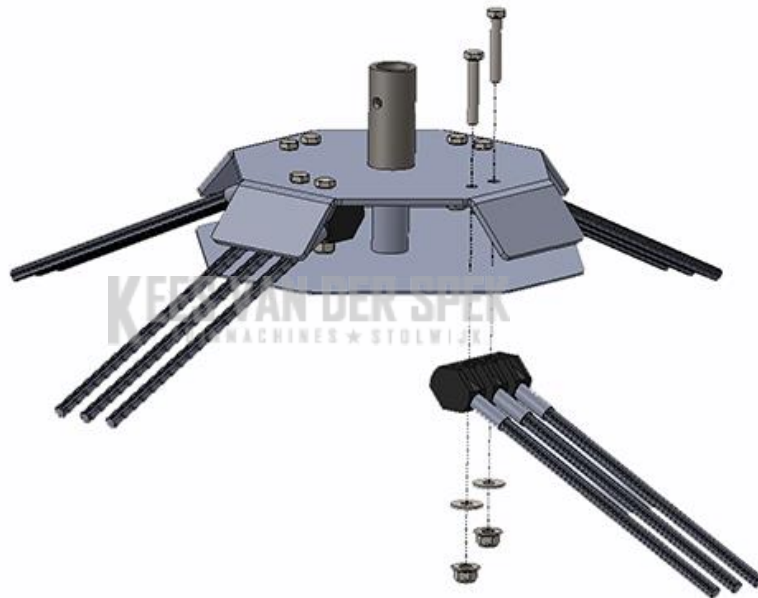
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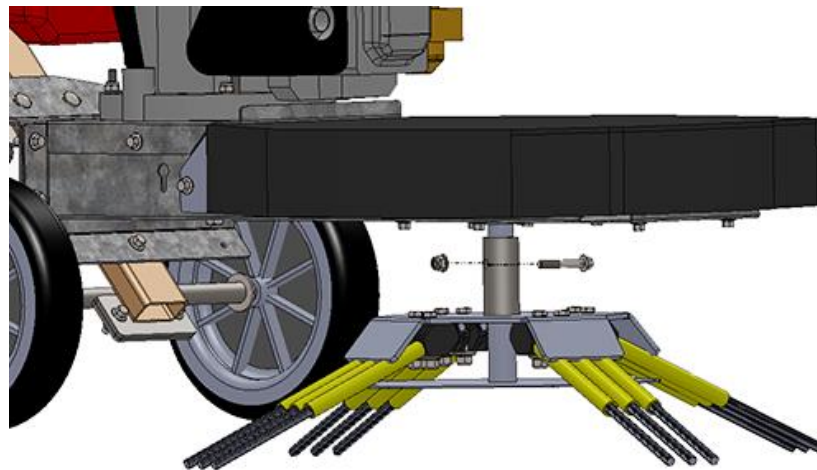
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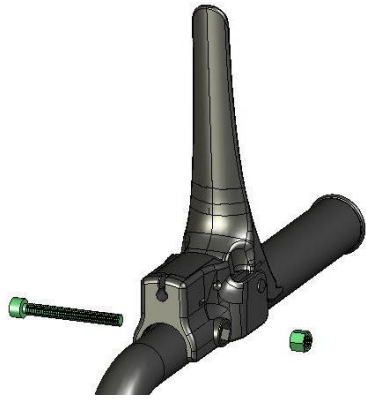
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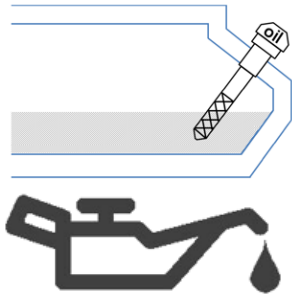
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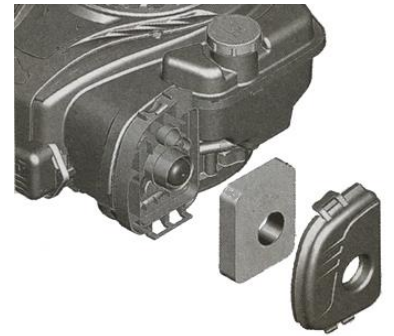
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KEE VAN DER SPEK  
TINNACHES \* SOLWIK

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	<p><b>READ</b></p> <p>And understand this manual before operating the machine</p>		<p><b>BEWARE</b></p> <p>of thrown objects</p>
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**Safety Instructions**

Always follow the safety precautions when operating the machine. The producer is not liable for damages resulting from improper use. The risk lies only on the user’s side. Learn how to stop the machine in case of an accident.

- The machine shall always be used in accordance with the manufacturer’s instructions listed in the instruction handbook. Failure to follow the safety rules will not recognize claims for damages.
- The engine shall be stopped when carrying out maintenance and cleaning operations, when changing tools and when being transported by means other than under its own power.
- Beware of the hazards when working on slopes and the precautions to take.
- The sound pressure and power levels measured according to prEN 2000/14/EC.
- The level of vibrations on handlebar grips measured according to prEN 1033:1995.
- Recommendations for starting up under normal conditions and, if necessary, for the auxiliary or secondary starting device.

- The operator is obliged to read and follow the machine instruction manual and the engine instruction manual before starting the machine.
- That during the operation of the machine safety equipment should be worn.
- Information regarding the holding points which allow the machine to be handled.
- Intended use: cleaning.
- The machine must not be used in stables, or similar enclosures for animals, where the animals have access to any potential lost steel-wire from the brush.

***The following good practices should be stated as appropriate:***

**Training**

- Read the instructions carefully, be familiar with the controls and the proper use of the equipment.
- Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- Never work while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people and their property.

**Preparation**

- While working, always wear substantial footwear and long trousers, do not operate the equipment when barefoot or wearing open sandals.
- Thoroughly inspect the area where the equipment is to be used and remove all objects, which can be thrown up by the machine.
- Replace faulty silencers.
- Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in sets to preserve balance. Contact your local dealer.

**Petrol**

- Store fuel in containers specifically designed for this purpose.
- Refuel outdoors only and do not smoke while refueling.
- Add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.
- If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapors have dissipated.
- Replace all fuel tank and container caps securely after re-fueling.

**Operation**

- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Always be sure of your footing on slopes.
- Work only in daylight or in good artificial light.
- Walk, never run with the machine.
- For wheeled machines, work across the slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Do not work on excessively steep slopes.
- Use extreme caution when reversing or pulling the machine towards you.
- Do not change the engine governor settings or overspeed the engine.
- Start the engine carefully according to manufacturer instructions and with feet well away from the tool(s).

- Do not put your hands or feet near or under rotating parts.
- Never pick up or carry a machine while the engine is running.
- Stop the engine whenever you leave the machine.
- Stop the engine before refueling.
- Reduce the throttle setting during engine very low RPM and shut it down by pressing the switch to the position "0" on the engine and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of working.
- Never use the machine on wooden surfaces. Surfaces with a motive will be damaged.
- Never use the machine on processed surfaces.

#### Maintenance and storage

- Keep all nuts, bolts and screws tight to ensure the equipment is in safe working condition.
- Never store the equipment with petrol in the tank inside a building where fumes can reach an open flame or spark.
- Allow the engine to cool before storing in any enclosure.
- To reduce the fire hazard, keep the engine, silencer, battery compartment and petrol storage area free of vegetative material and excessive grease.
- Replace worn or damaged parts for safety. Contact your local dealer.
- If the fuel tank has to be drained, this shall be done outdoors.
- Contact always your local dealer for service and repair. Service should always be carried out by an authorized Kvern serveshop. Otherwise will result in lost warranty right.
- Only use original spareparts. Use of un-original parts will result in lost warranty right.

#### Identification of parts (Picture 1)



1. Top cover.
2. Brush.
3. Wheel
4. Lower handlebar
5. Upper handlebar left/right
6. Throttlecontrol
7. Clutchlever
8. Engine
9. Brushhead

#### Assembly

1.	Mount the rearconsole with wheels on the lower handlebar. Tighten the nuts securely. Picture 2
2.	Mount the lower handlebar including the rearconsole, as shown on the picture. Use the bolts and nuts to fix. Make sure it is securely tightened. Picture 3



3.	Mount the upper handlebar with the lockparts and knobs. Pay attention left and right handlebar are different. Picture 4
4.	Mount the brush on the brushhead. Be aware to place a washer between the holder and the nut. Picture 5
5.	Mount the brushhead with the bolt and nut. Make sure it is securely fastened. Picture 6
6.	Mount the clutchlever on right handle. Use the bolt to make sure it is securely fastened. Picture 7
7.	Mount the throttlelever on left handlebar. Make sure it is securely fastened. The lever should be able to move in a smooth way, up and down. Picture 8
8.	Add oil. Check engineoil on dipstick, and add oil if necessary. Use oil recommended by the engine manufacturer. <b>See the engine manual. Read the engine manual before start of engine.</b> Picture 9
9.	Add fuel, unleaded 95. <b>See the engine manual. Read the engine manual before start of engine.</b> Picture 10
10.	Check airfilter. <b>See the engine manual. Read the engine manual before start of engine.</b> Picture 11

## Labels

The machine is fitted with several labels, that show information and warnings. Furthermore, several precautions must be taken when operation the machine.

	Read these instructions carefully.		Wear safety footwear.		Wear eye protection.
	Wear safety gloves.		Wear hearing protection.		Wear protective clothing.

	Do not remove or tamper with the protective- and safety devices.		Do not have open flames.		Do not smoke.
	Beware of thrown objects		Do not touch a hot muffler, gear housing or cylinder.		Keep hands and feet away

## Before use

Make sure you are wearing correct protective clothing before operation the machine. Ear protection, eye protection, gloves and protective shoes are necessary.

Before starting the engine, make sure the oil level is according the engine manufacturers guidelines.

Check airfilter:

1. Remove the airfilter sponge from the paperfilter element.
2. Add a few drops of engine oil to the airfilter sponge. Press the remaining oil out by hand.
3. Mount the airfilter, make sure it is securely fastened before start.

Make sure all bolts and nuts are securely tightened before use.

Read the engine manufactures manual before start.

## Use

Check the condition of the airfilter for each brush change.

Start the engine. Follow the procedure in the engine manual.

Engage the PTO (Lever pos 7).

Release the lever to stop the Greenbuster.

The throttle lever on left handlebar adjust the engine RPM. Use the symbols on the handle to operate the throttle

MIN : Minimum throttle / Stop Engine.

MAX : Maximum throttle / Start Engine.

The machine is used to remove weeds and coatings on tiles and concrete areas.

Advantageously, the area can be watered with a garden hose before work is commenced. This avoids the formation of dust.

Be aware that it may be necessary to process the same area several times before it is clean.

The machine is best used as a vacuum cleaner, taking respectively pushes and pulls the machine over the area until it is clean.

Tilt the machine left or right to increase pressure on the brush. When increasing the pressure the brush cleans the surface better. The will wear the brush faster.

Do not drive the brushes directly against a wall, curb or the like. This will damage the brushes and reduce life expectancy.

- !! *The machine must not be used on polished surfaces, marble and similar.*

- !! *The machine must not be used on wooden surfaces.*

The handlebar can be adjusted for the optimal operating height. There are several positions.

In addition, the handle can be folded over the machine during storage.

Picture 12.

### How to maintain

The machine needs to be maintained as follows.

1. Clean off dirt after the work is finished, never use a highpressure washer.
2. Lubricate the steel wire in cables with oil, to prevent it from rust.
3. Change worn brushes

**Follow the engine guidelines for maintenance.**

### How to store

If the machine is stored for a longer period:

Start the engine and let it run until the remaining fuel in the fuel tank is used up.

Unscrew the drainscrew on the carburetor, and drain it from excess fuel. Mount the screw again.

Remove sparkplug and pour 1 tablespoon of engineoil into the cylinder, mount the sparkplug. Do not mount the sparkplug cap. Pull the starting cord, until there is resistance. This will close the valves and protect them. Protect the rest of the machine with a thin layer of oil to avoid rust. Use SAE30. Store the machine in a dust free environment, out of reach of children.

### Troubleshooting

Problem	Reason	Solution
The engine will not increase in speed when activating the throttlecontrol.	Throttlecable is either damaged or not adjusted correctly.	Contact dealer.
The engine will not stop when moving the throttlelever to "MIN" position.	Damaged switch on engine. Contact dealer.	Contact dealer.
The engine is not running in idle speed.	Carburetor is not adjusted correct.	Contact dealer.
	The fuel is too old.	Check fuel, or change if in doubt.

	Choke lever is in wrong position.	Make sure choke lever is in correct position
Brush will not engage, when activating the clutch handle.	Clutchcable is either damaged or not adjusted correct.	Contact dealer.
	Belt is broken.	Contact dealer.
The brush keep rotating after releasing the clutch handle.	Clutchcable is either damaged or not adjusted correctly.	Contact dealer.
The engine will not start when pulling the cord.	Fuel lever is closed.	Open fuel lever.
	Choke lever is closed.	Open choke lever.
	Fuel is too old.	Replace fuel and try again.
	Airfilter is dirty or fitted improperly.	Contact dealer.
	Sparkplug is wet or dry.	Contact dealer.
	Sparkplug will not spark.	Contact dealer.
	Check carburetor is not flooded or overprimed.	Contact dealer.

## Vibration and noise

Use hearing protection when operating any machine with a soundpressure above 85 dB(A).

Follow these guidelines for working with the machine.

1. Always rest 30 min for every 2 hours of working.
2. Hold the handle with a firm grip, to minimize vibrations.
3. Running the engine at idle speed will reduce vibration and noise.
4. Only operate the machine in an open environment to reduce noise.

## General description

<b>Model GREENBUSTER</b>	<b>GREENBUSTER Pro 66</b>
Engine	Briggs & Stratton 500 E
Kg	46
Engine (CC)	140
Working width (mm)	660
Oil tank (Liter)	0,6
Size length (mm)	1700
Size height (mm)	1200
Size width (mm)	530



## Accessories and wear parts

### Accessories

<b>Accessories</b>	<b>Art. Nr.</b>	
Sideprotection single	18010	Picture 13
Sideprotection double	18007	Picture 14
Roadsweeper including Poly brush	18042 + 18020	Picture 16
Roadsweeper including Mix brush	18042 + 18023	Picture 17

### Wear Parts

<b>Wear parts</b>	<b>Art. Nr.</b>	
Standard brush. Set of 4 pcs	28 40 06	Picture 15
Brushset Poly. Sets of 10 pcs	18020	Picture 18
Brushset Mix. Sets of 10 pcs	18023	Picture 19
Belt	55 00 80	
Throttle cable	55 00 56	
Clutch cable	55 00 57	

<b>GB</b>		<b>CE Declaration of conformity</b>	<b>05/KW/2018</b>	
Manufacturer :		<b>KWERN APS</b>		
Hereby declares that the specified product(s) :		<b>GREENBUSTER PRO 66</b>		
conforms with all requirements in the particular directives and standards in the European community (EC) which applies to the product. The specified product is therefore labelled with CE-marking.				
KWERN APS declares the product(s) is in conformity with the following european directives and harmonized standards :				
<b>Directive</b>				
Annex I of Machinery Directive 2006 / 42 / EC with amendment 2009 / 127 / EC EN ISO 12100 : 2010				
This declaration covers products marked with serialnumber :				
KWV0006ABHXXXXXX -> KWV0006ABHXXXXXX				
Responsible for preparation and keeping documentation :	<b>KWERN APS</b>	 Jan Nielsen Director 1 January 2018		
<i>Simon Brøndum</i>	Bødkervej 5 DK - 5750 Ringe			
This declaration relates exclusively to the machines in the state in which they where introduced to the marked, and excludes components which are added by the end-user or carried out by the subsequent actions.				

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