

SINGLE CUTTER

Instruction and safety information

Read before operating the Cutter



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|---------------------------|---------------------------|----------------|----------------|
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WEB SITE: www.sparmarathonroofing.com

WARNING

Misuse of this equipment may result in damage or injury. It is the responsibility of the purchaser to ensure that the personnel operating the machine are trained in the proper operating procedures and all safety regulations.

The employer shall permit only these employees qualified by training or experience to operate equipment and machinery.

The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to the work environment, to control or eliminate any hazards or other exposure to illness or injury.

Regulations governing the use, selection, and maintenance of personal protective and lifesaving equipment as stated in safety regulations shall be followed.

Do not operate on a roof without a perimeter warning system or barrier.

SAFETY PRECAUTIONS

1. When using this equipment, safety shoes, full-faced shield and proper clothing should be worn to protect the operator from flying debris.
2. Do not operate this equipment within 10 feet of the roof edge.
3. When on-deck equipment is being used, perimeter warning lines must be set up 10 feet from the roof edge, and around all roof openings.
4. Follow local code requirements.
5. Never leave machine unattended when engine is running.
6. Shut off the engine before refueling, checking, adjusting or repairs.
7. Always keep hands and feet clear of moving parts.
8. Do not operate unless all covers and belt guards are in position.

OPERATOR TRAINING

1. Before being allowed to use this or any piece of equipment, the operator should first fully understand all proper operating procedures. Special attention should be paid to the control locations and functions, all warning messages, and possible hazardous operations conditions.
2. Proper training includes informing the operator as to the correct protective clothing and safety equipment that should be worn while operating the equipment. Clothes that fit properly (that is, not too tight and not too loose) include a long sleeve shirt buttoned at the cuff, long cuffless pants, steel toe safety shoes and safety glasses or full-faced shield. These items should be mandatory apparel for the operator. If work is being done at a level lower than the level at which the sweeper is being used, a hard hat should be worn.
3. Before using the machine on a roof, the operator should become familiar with the controls, safety features, and the overall 'feel' of the machine, on the ground, preferably in an open area with no vehicle or pedestrian traffic.

INTENDED USE

This machine is intended to be used for the sole purpose of cutting flat, level, built-up roofs in the re-roofing process. The cutter is designed to cut only BITUMEN, EMBEDDED GRAVEL, FELTS and INSULATION - NOTHING ELSE!

BEFORE STARTING

WARNING

Make certain that the blade cover, belt cover and shaft cover are in place and all bolts and nuts are tightened securely. Never under any circumstances operate the machine without the blade cover, belt cover bolted firmly in place.

Never put hands, feet or any parts of body close to the rotating blade underneath the blade cover when engine is running.

Never leave the machine unattended when the engine is running.

Note: If there is a significant amount of loose gravel or other debris on the roof, it will be necessary to sweep the loose material up before starting cutting. This will avoid flying stones and excessive wear on the carbide blade.

Keep chain guards on blade cover in good working conditions to prevent loose material from flying out underneath.

Make certain that the engine crankcase is filled with oil and that the engine has been serviced as per the engine instruction.

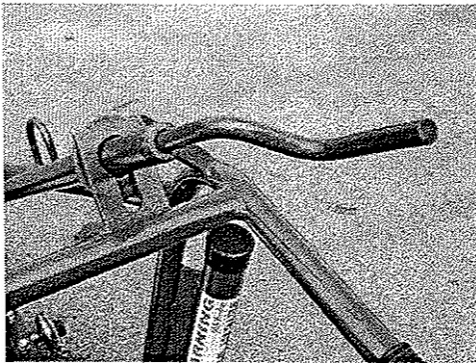


FIGURE #1

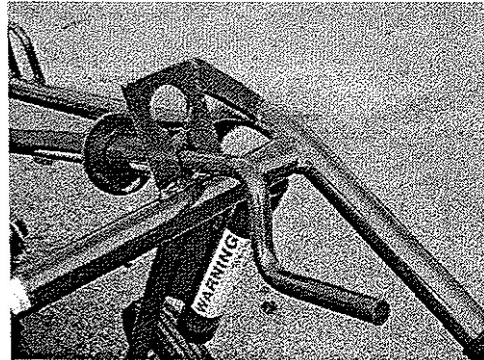


FIGURE #2

Raise the depth control bar so that the washer welded to it is resting against the stop. Then, turn the depth control bar handle counterclockwise until the blade can rotate freely without touching the deck (see figure #1). As an extra precaution, push down on the handles of the cutter until the smaller diameter of the depth control bar drops into the slot. This raises the front end to the 'UP' position, thus providing additional clearance for the blade (see figure #2).

STARTING THE ENGINE

Start the engine, and when running smoothly, raise the depth control bar until the washer again rests against the stop. Then, turn the depth control bar handle **SLOWLY CLOCKWISE** until the blade is cutting into the roof to the desired depth; just enough to penetrate the felts, and not more than half the thickness of the insulation. Push the cutter forward only as fast as the cutter will easily cut into the roof. If you want to stop sawing, push down on the handles and the cutter will lock into the 'UP' position, letting the blade rotate freely without cutting the roof. Take every precaution not to cut through metal or any other type of roof deck under the roof membrane. To avoid flying stones and excessive wear on the blade, **ALWAYS**

clear the roof of all loose gravel or other debris. Keep belt guards on blade cover in good, free working conditions to prevent loose material from flying out underneath.

NEVER UNDER ANY CIRCUMSTANCES operate the cutter without the blade cover, belt cover and shaft cover bolted firmly in place.

BLADE REPLACEMENT

▲ WARNING:

Never open the blade cover, belt cover and shaft cover when the engine is running.

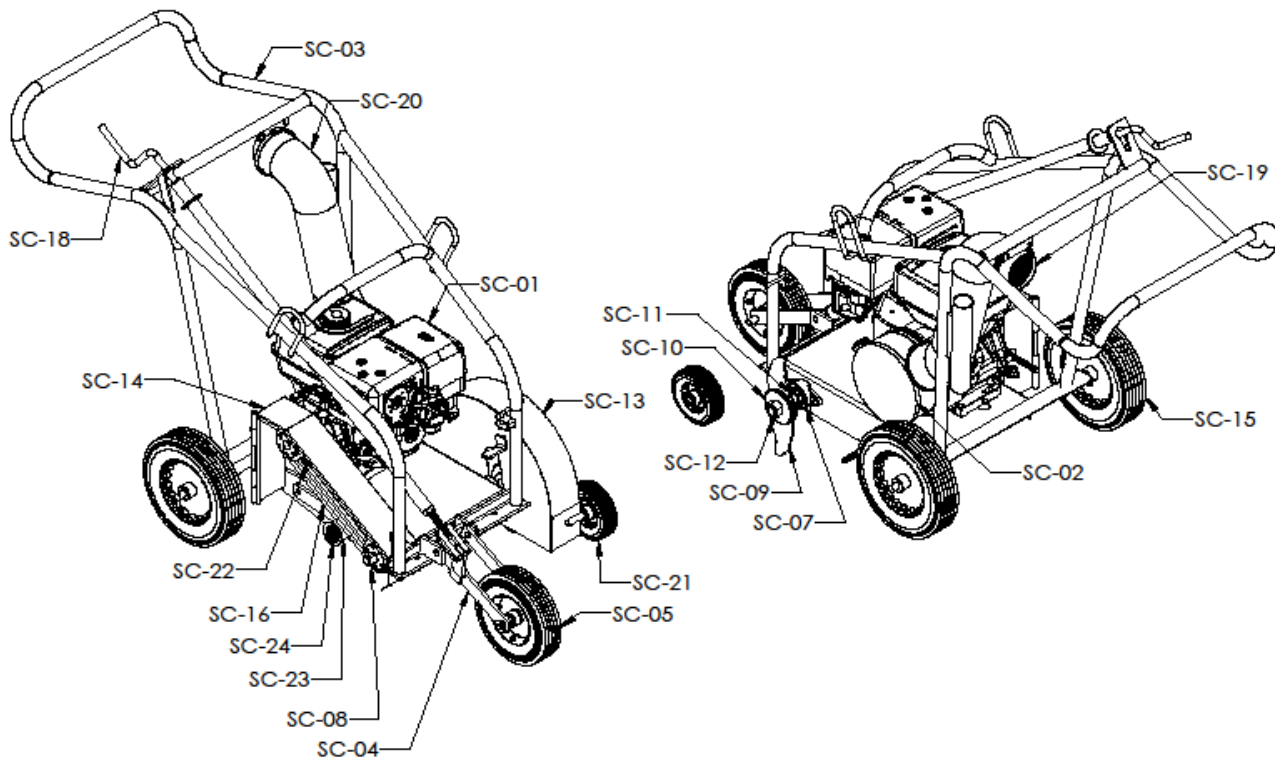
When replacing the blade, stop the engine and remove spark plug cable from spark plug. Swing the blade cover and hold it in position by latch provided. Remove nut and outer washer and then remove the old blade. Place new blade on the shaft so that the lower cutting edge faces forward. Place outer washer over shaft against blade; then tighten nut very securely against washer. Swing the blade cover back in place.

MAINTENANCE

Clean and grease the thread rod on the depth control bar monthly.

Clean Engine from asphalt after every use, to prevent overheating.

For engine maintenance, carefully follow the engine maintenance instructions that are provided with this machine.



#	Part #	Qty	Description
1	SC-01	1	Engine
2	SC-02	1	Air Intake Housing
3	SC-03	1	Main Frame
4	SC-04	1	Wheel Bracket
5	SC-05	1	Front Wheel
6	SC-07	3	Bearings
7	SC-08	2	Engine/Shaft Pulley
8	SC-09	1	Blade
9	SC-10	2	Washer
10	SC-11	1	Shaft
11	SC-12	1	Nut

#	Part #	Qty	Description
12	SC-13	1	Blade Cover
13	SC-14	1	Belt Cover
14	SC-15	2	Rear Wheel
15	SC-16	2	Belts B X 38
16	SC-18	1	Depth Control Bar
17	SC-19	1	Air Intake Inlet
18	SC-20	2	Air Duct Hose
19	SC-21	1	Blade Cover's Wheel
20	SC-22	1	Tension Spring
21	SC-23	1	Tension Pulley
22	SC-24	2	Tension pulley Bearing