

SCH

(SUPPLIES) LIMITED

Manufacturers & Suppliers of Estate & Garden Machinery
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OPERATING INSTRUCTIONS



EQUESTRIAN POWERED BRUSH

Ref: EPB

DESCRIPTION

We have developed the Equestrian Powered Brush (Ref: EPB) for the smaller equestrian centres and private paddock owners.

The regular removal of droppings promotes healthy grass and helps reduce droppings related diseases. Four rows of height adjustable brushes rotate at variable speeds to flick the droppings into the rot-proof rear collecting box. The brushes are driven by a 5.5Hp Honda engine equipped with a speed reduction gear box which incorporates a centrifugal clutch, this means when the engine speed is reduced, the brushes stop revolving, a necessary feature when moving from heap to heap.

The Equestrian Powered Brush can also be used for other sweeping tasks, such as collecting leaves. The tow bar is fitted with a 50mm ball hitch as standard.

The brushes are easily changed when they become worn.

SPECIFICATIONS

Overall width	1350mm (54")
Working width	900mm (36")
Catcher capacity	270 litres
Engine	Honda 5.5Hp HGX160
Gearbox	2.1 reduction
Clutch	Operates at 1,800 RPM
Brush	4 Brushes
Tow bar	Ball hitch standard (clevis optional)

SAFETY INSTRUCTIONS

- Only trained operatives should use this unit.
- Set brush height on solid flat surface.
- The power unit must be switched off for transport and emptying.
- Use ear defenders.
- Do not travel at excessive speeds – max speed 5mph.
- No person may ride on the catcher.
- Do **NOT** reach under the EPB while the engine is running.

If in doubt, please call the SCH customer help line at **01473 328272**.

LUBRICATION

- Grease rear castor tubes fortnightly.
- Grease wheels fortnightly.
- Oil brush adjustment fortnightly.
- Main bearings for brush shaft annually.

CLEANING

Power wash the brushes at regular intervals, or when they become clogged with mud, debris etc. Remove any grass or debris build up on brush shaft.

ENGINE START & MAINTENANCE

- Use unleaded petrol only.
 - Always refer to the engine manual and service as per the manufacturer's instructions
1. Switch the engine on with the red button switch on the engine.
 2. Switch the fuel on, engage the choke, set the throttle to mid-range and pull starter cord.
 3. Once the engine fires reduce choke to run smoothly.

SETTING THE BRUSH HEIGHT

On a flat concrete surface, wind down the central jack until the brushes almost touch the ground. You can mark this position for reference purposes. The normal operating position is 12 – 18 mm ($\frac{1}{2}$ " – $\frac{3}{4}$ ") from the ground.

The brushes must not be touching the ground as this will reduce the brushes life span. The brush height setting is crucial to the effectiveness of operation. The brush may be adjusted in the paddock for effective sweeping.

CHANGING THE BRUSHES

This can be done by removing the catcher box to gain extra space. Ensure that the unit is secure before starting.

The brushes are held in with 3 bolts on each brush. Once the bolts are removed, prise the stock out of the shaft. Clean all parts of the shaft ready for fitting the new brush.

Drill holes through the new stock by using the existing holes as a guide. You will cut through a brush securing hole and some bristles may be lost. This will not be detrimental to the performance of the equipment.

To re-fit the brush, push in the new brush stock and ensure that the brush is firmly down. Finally, secure with the bolt and locknut.

TOWING

This unit can be towed behind ATV's, compact or garden tractors, land rovers and large tractors. Ball hitch as standard, clevis hitch can be fitted if requested.

EMPTYING THE COLLECTION BOX

To empty the rear collection box, turn off the engine and crank the winch to effortlessly raise the box into the air.

The unit can be reversed onto the muck heap, or emptied onto a tarpaulin / large bag for removal. For safety, ensure the unit is not at an incline when emptying.



PARTS LIST FOR EPB

Description	Quantity
Brushes (set of 4)	4
Main bearing for brush shaft	2
Catcher box	1
Belts (set of 2)	2
Engine (Honda 5.5 hp)	1
Wheels rear (16/650 x 8)	2
Wheels front (400 x 4)	2
Mesh curtain	1
Ball hitch (optional clevis hitch)	1

Please contact us for help with spare parts.

WARRANTY

Your unit is guaranteed for 12 months from date of purchase. This guarantee covers faults which may occur from defective parts or manufacture.



If you are missing your free brochure contact us on **01473 328272**, email **sales@schsupplies.co.uk**, or visit our website **www.schsupplies.co.uk**

