BCS Rotary Mower (56cm)
Manufactured by BCS S.p.A.
to fit
BCS Power Units

Operating Instructions
Before commissioning the machine, read operating instructions and observe warning and safety instructions.

PLEASE ALSO READ ORIGINAL BCS INSTRUCTION MANUAL
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No liability will be accepted for any damage caused to persons or property through failure to observe the operating and safety instructions.
IMPORTANT

PLEASE READ THE OWNER’S MANUAL FOR THE POWER UNIT FIRST.

For any further information or assistance please contact Tracmaster on 01444 247689 or visit www.tracmaster.co.uk
Assembly

1. COLLECTION BAG
2. MOWER DECK
3. WHEELS
4. MOWING BLADE
Assembly

Attach the wheels (3) to the mower deck (2) using the bolts, washers and nuts supplied with your attachment (fig.4).

Unscrew nuts A and remove the washers and the protection cover for the power take-off (PTO) (fig.5).

Keep the lawn mower raised approximately 5cm (2”) off the ground using a shim (fig.6).

Fit the mower onto the flange of the machine using the washers and nuts A previously removed. Tighten the nuts securely (fig.7).

The machine is now ready to run without the grass bag (fig.8).

To mount the grass bag (1) onto the mower deck, raise the discharge flap A; insert hooks D and pin E of the grass bag into the guides of chute B and into the hole C (fig.9).
Always wear HEAVY GLOVES to protect your hands whilst working on the equipment.

READ and observe all warning labels on the machine and implements (fig 10).

Always wear appropriate work clothes whilst operating the machine, always wear safety footwear.

DO NOT USE the machine near children or animals (fig 11).

The machine operator is responsible for any damage to persons or property.

Always walk with the machine - DO NOT RUN.

NEVER work on slopes of more than 20° and always work across the face of a slope (side to side), NEVER up and down. NEVER use the machine on a bank where there is a possibility of the machine sliding down the slope.

Always disengage the power take-off (PTO) when changing direction or location of operation.

DO NOT replace the blades or attempt to undertake any maintenance of the mower while the machine is running.

ONLY qualified persons should operate the machine.

If any abnormal vibrations occur STOP the engine immediately and visually inspect the machine and implement for any signs of damage.

IMPORTANT: Read all machine and implement manuals thoroughly before using the rotary mower.
Operation

Before starting the engine, set the cutting height on the mower deck by adjusting lever H (fig 12).

Use handlebar height adjuster to set handlebar height before commencing work.

**NOTE:** Disengage the drive to the mower before selecting reverse gear.

Raise the throttle to speed, release the clutch lever gently and fully, keeping the red machine stop lever (OPC) depressed as engine will stop if released.

Increase throttle speed.

The cutting height ranges from 2” to 4”. It is recommended that a maximum of 2” be removed at each mowing, then reduce it to a desired height with a second mowing.

Mowing wet grass is not recommended as it may clog the discharge chute and make collection difficult.

Best results are obtained with the engine at a high throttle setting.

Forward motion speed should be selected according to the grass conditions.

Use speed two for light conditions and speed one for difficult conditions.

Never allow the engine to labour.

The mower has a built-in blade brake which stops the blade if the drive is disconnected.

When using the grass bag, it is full when grass comes out of the hole of the back plastic chute (fig 13).

Always disengage the PTO before removing the grass bag (fig 14).
To empty the grass bag, raise flap A, remove the bag, and turn it upside down (fig 15).

If working without the grass collection bag, the discharge flap (fig 16) will allow grass to be thrown onto the ground to the side of the mower.

**NEVER ENGAGE THE MOWER IN LONG, UNCUT GRASS.**
Maintenance Guide

For engine maintenance please refer to engine manufacturers manual.

After every hour of operation stop the engine and remove the spark plug cap. Check engine oil level (recommended oil SAE 10w/40).

Replace the spark plug cap.

Like all cutting machines, the mower must be kept in good condition in order to perform to its best ability.

**NOTE:** Always remove the mower attachment from the main power unit before working on the deck.

Check the condition of the blade and sharpen or replace as necessary.

Always make sure the blade is sharpened symmetrically to ensure blade balance.

Check the condition of the blade holder and blade mounting bolts for wear. Replace as necessary.

Never try to straighten a bent blade - always replace it.

Clean the underside of the deck periodically to prevent a build-up of dirt and grass on the surfaces.

Check the oil level every 50 hours.

Remove the plug on top of the transmission housing (fig 16, no. 1) and check the level is within ½” of the top.

If necessary top up with EP90 gear oil.

Lubricate the wheels and swivel brackets periodically.

Do not turn the machine on its side for cleaning.
## Vibration & Sound Levels

<table>
<thead>
<tr>
<th>MACHINE</th>
<th>RPM</th>
<th>VIBRATION M/SEC$^2$ (3 AXIS)</th>
<th>SOUND LEVEL dB(A)</th>
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<tbody>
<tr>
<td>BCS 728 Two Wheel Tractor 56cm Rotary Mower</td>
<td>3600</td>
<td>5.2</td>
<td>98</td>
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Manufacturer Information

This machine is manufactured in Italy by BCS S.p.A.

Tracmaster Ltd is the UK distributor for this model, the BCS 56cm Rotary Mower.

BCS S.p.A. has been at the forefront of developing cutting edge agricultural machinery since its formation in 1943, when their founder developed a self-propelled motor mower. Tracmaster Ltd has been the UK distributor for BCS pedestrian equipment since 1984.

Please ensure you read the original manufacturer’s manual before operating this machine.

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