Stone Burier Attachment
Manufactured by R2 RINALDI S.r.l.
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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TRACMASTER
The landscape machinery specialists
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
Stone Burier & Its Proper Use

The stone burier is designed to bury stones, mill, and compress the soil in a single operation.

The stone burier is equipped with rotating tines to dig the ground and a roller at the rear, which can be adjusted to control the digging depth, and compresses the soil.

The stone burier is intended only for the purpose described above and any other use is considered improper and therefore dangerous.

The manufacturer will not be liable for injury or damage to persons or property as a result or improper use of the equipment.

Always read all instruction manuals fully and ensure you understand them.

Only use the machine as described in the instruction manuals.

Do not use any other spare parts other than the original manufacturer’s parts.

Ensure the machine is operated and maintained by competent persons.

Any persons using the machine must be properly trained and informed of the correct use of the equipment and any risks involved in its operation.

The user is required to comply with any rules and legislation pertaining to safety at work.

A) Main body of machine
B) Roller assembly
C) Roller adjustment
D) PTO coupling
E) Joint protection guard & chain guard
F) Gear box
# Technical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>CONDOR 62</th>
<th>CONDOR 75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digging width</td>
<td>62cm</td>
<td>75cm</td>
</tr>
<tr>
<td>Compacting width</td>
<td>73cm</td>
<td>87cm</td>
</tr>
<tr>
<td>Depth</td>
<td>113cm</td>
<td>113cm</td>
</tr>
<tr>
<td>Max. height from ground</td>
<td>45cm</td>
<td>45cm</td>
</tr>
<tr>
<td>Power unit hp required</td>
<td>10-12hp</td>
<td>12-14hp</td>
</tr>
<tr>
<td>Max. working depth</td>
<td>14cm</td>
<td>14cm</td>
</tr>
<tr>
<td>Number of tines</td>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>Weight of stone burier</td>
<td>105kg</td>
<td>115kg</td>
</tr>
</tbody>
</table>

![Figure 3](image-url)
Handling and Transportation

The machine must be handled with lifting equipment.

Make sure that lifting equipment (including the straps etc) has a carrying capacity appropriate to the weight to be lifted and that it is in good condition.

The machine can be anchored at the coupling point as indicated in Fig. 4; because of the position of the center of gravity, the machine will lean while lifted at an angle of 25° (Fig. 4).

In order to make handling operations safely, always wear safety shoes and make sure that there are no people or animals nearby while working.

The machine can be transported by professional means of conveyance (trucks, vans, etc.).

Transportation by car is permitted only if the car boot is divided from the driving and passenger seats with a barrier that can hold the machine in case of a frontal collision.

In all cases, before transporting the machine, make sure that it is well anchored with straps and strings and that it is stable enough.

The anchor points can be the roller group support and the coupling to the power unit.

Always check that any walkways, ramps, etc that must be crossed with means of conveyance and lifting equipment are well anchored and have a capacity capable of supporting the total load of the vehicle plus machine plus operator.

When using ramps for loading, ensure that the vehicle has the handbrake on and has been positioned with wedges suitable for locking the wheels.
Safety Precautions

Most accidents that happen during the maintenance or moving of machinery, are due to negligence in the observance of the most elementary rules of accident prevention.

It is, therefore, necessary that whoever uses the machine reads and respects the rules written below and the ones on the adhesive stickers of the machine.

1. Verify that all stickers on the machine are in place and are legible.
2. Before cleaning the machine, making any adjustments or repairs, turn off the power unit. Before each operation put the machine on the floor or on steady supports.
3. Keep away from moving parts of the stone burier.
4. The stone burier has been manufactured for a specialised use. It must, therefore, always be in perfect working condition and only R2 spare parts should be used when making any repairs.
5. Before using the machine, check the tightening of the nuts and screws, in particular those of the digging knives.
6. Keep people and animals away whilst working.
7. Be careful when working alongside roads, pathways or on sloping ground.
8. Never leave the machine unattended while the engine is running.
9. When checking or repairing the machine, be sure that nobody can start it up accidentally. Always remove the spark plug first.
10. Wear tight-fitting clothes that cannot become entangled in the rotating parts of the machine.
11. Do not climb on the machine.
12. Do not interfere with anything on the machine while working.
13. Never use the machine without the back roller or without the safety devices delivered with the machine. Never remove the protection.
14. If the machine blocks, before making any repairs, turn off the power unit.
15. Always read the instruction manual for the power unit before fitting and using the R2 stone burier. Do not remove or bypass any safety devices on the power unit; before commencing work be sure that the safety devices on the power unit work correctly; if not, do not use the machine.
16. Do not carry people, animals or objects on the machine.
Components & Coupling to Power Unit

Note: All components that need assembling before use have been designed to minimise the user’s work; the parts should be assembled using hand tools.

⚠️ The assembly must be made on a steady surface or on an homogeneous level floor. During the assembly wear heavy gloves and safety shoes.

Roller group, grid and roller adjustment rod assembly

Assemble the roller group, screwing the two arms (Fig. 5 A) in the holes that you will find in the back part of the stone burier (Fig. 5 A).

Assemble the grid (Fig. 5 D), tightening the bolts in such a way that the rubber cylinders leave a partial elasticity of the grid in relation to the machine.

Screw the roller adjustment rod (Fig. 5 C) into the points indicated on the roller support (Fig. 5 D) and on the stone burier (Fig. 5 E).

NOTE: The screws used to fit the roller group and the roller adjustment rod must be well tightened in order that all the elements can turn during the adjustment.

Attaching the machine to the power unit

Put the transmission sleeve on the machine shaft previously lubricated.

Then bring the power unit near to the stone burier, paying attention that the sleeve engages with the connecting shaft of the power unit, and that the flange fits snugly.

Fasten the nuts and screws on the PTO and ensure everything is tightened (Fig. 6 A).
Preparing for Use

Before using the machine always perform the following checks with the power unit not running (engine off):

Check the bolts are tight and that all the elements are in perfect condition.

Check that all the safety stickers are present and are legible.

**Working depth adjustment**

The working depth is adjusted by the rotating crank lever on the roller (Figs. 7 & 8 A).

Lifting the roller (rotating the lever) enables the digging knives to sink into the soil. The roller must be adjusted so that during working, the machine sides are leaning or inserted into the soil (the underneath side of the chain guard, Figs. 7 & 8 B) touches the soil.

To transport the stone burier attached to the power unit when it is not in use, rotate the adjustment rod (maximum extent of leverage); in this way the stone burier will not touch the soil and the roller will function as a wheel.

To avoid dangerous situations, it is necessary that during digging the machine sides touch the soil.
Using the Stone Burier

Soil working

Once you have made the adjustments, it is possible to operate the power unit and so the PTO that will drive the digging knives (hoes).

Moving forward, the digging of the soil will start. The operator’s position is at the rear of the power unit (or offset to the side, on power units with adjustable handlebars).

It is important to remember that while driving you should not make any turning manoeuvres while the hoes are inserted into the ground, only small corrections of direction.

To change direction, follow the steps below:

1. Disengage the drive to the power unit.
2. Disengage the PTO motion.
3. Lift the machine using the handlebars.
4. Position yourself in the direction that you would like to follow.
5. Lower the machine.
6. Engage the PTO lever.
7. Engage the wheel speed lever.

Keep in mind the rules for the prevention of accidents mentioned on page 7 (Safety Precautions), and always remember to:

Keep people and animals away from the working area; do not allow anyone to approach the machine while working.

Never approach the mechanical moving parts; wear safety shoes. If while working, there is a lot of dust (which will depend on the type of soil) wear a dust mask.

Do not use the machine in reverse; do not use the machine on steep slopes (verify the power unit instruction manual).

Before operating the machine, ensure that the safety devices on the power unit function correctly.

Be prepared to let go of the red OPC lever to stop the stone burier and power unit instantly.
Using the Stone Burier

Milling group locking

The stone burier has been designed and constructed so as to minimise the possibility that the mill grader can lock while working.

However, this can happen if there are large stones, wires, or other elements that could get stuck in the tines.

In order to avoid the stone burier locking, we advise that any large stones, wires, etc are removed from the soil before starting to work.

If the stone burier does lock, then it can be unlocked in the following way:

Disengage the power unit PTO.

Position the stone burier on the ground and move forward a few metres (with the PTO disengaged) so that the digging knives turn in the opposite direction to their usual working direction.

If the machine should lock again, it may be necessary to check the milling group.

In this case, turn off the power unit engine and disconnect the stone burier completely from the power unit.

Remove the debris with a suitable tool; do not use your hands.
Maintenance

Operations to be carried out in order to maintain the machine in good working conditions:

Before using the machine:

1. Check the PTO coupling and ensure the stone burier is securely fastened to the power unit and that all nuts and bolts are tight.

2. Check that the screws are tight, in particular check that the hoe screws are intact, if they break while working, then you must stop working immediately and replace them.

At the beginning of the working season, and each 4 months:

1. Grease the roller supports (Fig. 9 A).

2. Check the oil level in the upper part of the reduction gear (Fig. 9 B) using a dipstick; the oil level must be 1cm.

3. Chain lubrication

   For the Condor model, lubricate the chain by adding grease at the indicated point (Fig. 9 C) in case there are leaks.

   For the Condor Light model, remove the guard (Fig. 9 D) and lubricate the transmission chain with a lubricant spray then reassemble the guard.

During the maintenance operations wear protective gloves; for the lubrication/greasing operations always wear nitrile gloves and protective glasses.

If maintenance is taking place on a raised plane (for example on a workbench), always wear safety shoes.

All the maintenance work must be performed with the power unit off.

After finishing the lubrication/greasing operations, clean any residue of lubricant left on the floor.
**Tine Replacement**

In order to replace the tines, the roller assembly must be disassembled and the back grid removed. Position the stone burier upside down, so that the tines are facing up (Fig. 10a).

Ensure the stone burier is on a stable, safe surface.

The tines are important in the stone burier because the depth of the stone burying depends on the length of the tines.

A higher consumption of the blades reduces the working quality.

Whenever you change the tines use new nuts, screws and bolts.

N.B. Use always original steel bolts.

![Figure 10a]

While replacing the tines, wear protective gloves. If the maintenance is made on a raised platform, always wear safety shoes.

Always ensure that the power unit/engine is off before undertaking any maintenance work.

If the tightening of the screws is made with pneumatic screwdrivers, wear ear defenders and protective glasses.
End of Work & Storage of Stone Burier

If the stone burier is not going to be used for a long period, then prior to storage, follow the instructions below:

1. Wash and dry the stone burier thoroughly. WARNING: Do not clean the double joint with clutch with a polishing machine.

2. Check all the moving parts and replace any that are worn or damaged.

3. Check all the nuts and bolts are tight.

4. Check the oil level in the reduction gear and the grease level in the chain guard.

5. Protect and lubricate all the unpainted metal parts.

6. Cover the machine and keep it in a dry place.

**IMPORTANT:** Before using the machine after a period of storage, refer to the ‘Maintenance’ section on page 12.

Always ensure the machine is stored safely and that any prominent parts are protected so as not to cause injury.

Ensure that the storage location does not block emergency exits, fire extinguishers/hydrants, first aid boxes, or any other escape routes or emergency areas.

If pressure washing the machine (water or air) prior to storage, ensure that there are no people or animals in the working area and wear protective goggles and if necessary a dust mask.
Manufacturer Information

This machine is manufactured in Italy by R2 RINALDI S.r.l.

Tracmaster Ltd is the UK distributor for these models, the Condor Stone Buriers.

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

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