

OPERATING & SAFETY INSTRUCTIONS COBBER™ PIN GUN - VISUAL INSPECTION CONDITION REPORT

A copy of this document must be sent with the hire equipment - original to stay at the depot.

VISUAL INSPECTION CONDITION (to be completed by Geofabrics' staff when checking out and checking in)		
Customer		IFS Order Number
Dispatch/receipt	Out date: / /	In date: / /
Branch location	Project Name	Project Name
Expected return date		

Item Number	Number of items	Item name	Checked out	Checked in	Comments
1	1	Adjustable handle			
2	1	Pin gun #			
3	1	Handle pin			

This equipment has received an in-service inspection and was found to have no obvious defects.

CHECKED OUT BY

Name:

Signature:

Date : ___/___/___

Comments/inspection results: _____

CHECKED IN BY

Name:

Signature:

Date : ___/___/___

Dear Customer

- On receipt of this equipment, please check all equipment has been received, ensure your site staff read and understand the operating, maintenance and safety information, and use the equipment in a safe manner.
- Responsibility for safe operation of the equipment and safety of your staff is your responsibility.
- At the conclusion of the use of the equipment, please clean the equipment, repack it for transportation and return it to Geofabrics.
- Please advise if there are any missing parts. All equipment usage to be in accordance with Geofabrics' Equipment Hire Agreement. You will be charged for any damaged or missing components.

COBBER™ PIN GUN - OPERATING & SAFETY INSTRUCTIONS

WARNING!

- Any alterations to this hire equipment may prove dangerous to the operator and will be in breach of Geofabrics' Equipment Hire Agreement.
- Service must be performed only by an authorised Geofabrics service organisation or representative.
- Please contact your nearest Geofabrics branch for return of this equipment or servicing if it is found to be faulty.
- All hire related documentation, operating & safety instructions are available on the company website (www.geofabrics.com.au).



Note: Carry case not provided



ASSEMBLED COBBER™ GUN



COBBER™ PIN GUN OPERATOR'S MANUAL

The COBBER™ Pin Gun is a tool intended for installing COBBER™ wire ground pins for fixing erosion mats and geotextiles onto soil surfaces.

Pre-operational considerations:

- Before operating the COBBER™ Pin Gun, it is important that you read and understand the maintenance and safety precautions outlined below and in the Geofabrics Equipment Hire Agreement (General Safety).
- Contact your nearest Geofabrics branch if you do not understand any of the instructions in this manual.
- To operate the COBBER™ Pin Gun, operators must be in good physical and mental condition.

Safety Precautions and Working Techniques:

- **A Safe Work Method Statement (SWMS) should be prepared by the user of the COBBER™ Pin Gun for each work site.**
- Because the COBBER™ Pin Gun is a puncturing device, special safety precautions must be observed to reduce the risk of personal injury.
- Steel capped safety boots must be worn while operating the COBBER™ Pin Gun. Keep all body parts clear of the pin exit point at all times.
- Always use personal protective equipment such as riggers gloves and safety eye wear with side protectors.
- Establish an exclusion zone of at least two metres around you when stapling - never fire the pin gun when others are nearer than 2 metres.
- Do not use the COBBER™ Pin Gun for any other application than its intended purpose.
- Do not abuse the COBBER™ Pin Gun in any way which may result in personal injury and/or damage to the gun.
- Check condition of the COBBER™ Pin Gun before each use for any damage. If behaviour of the COBBER™ Pin Gun changes check it immediately and return it to Geofabrics for service.
- Never modify the COBBER™ Pin Gun in any way.
- Always remove unused pins before transporting and when not in use.

Site Conditions:

- The COBBER™ Pin Gun is designed for fast and efficient operation and performs well on slopes up to 45 degrees.
- The COBBER™ Pin Gun can be used on slopes that are easily traversed on foot. For steeper slopes specialist safety equipment may be required which is outside the scope of this document and OHS site requirements must be consulted and practised by the user.
- The COBBER™ Pin Gun should not be operated in conditions which will endanger the operator or other site personnel.
- The COBBER™ Pin Gun can be operated at up to 60 pins per minute or as slow as conditions require.

OPERATING THE COBBER™ Pin Gun

Cartridge Installation:

- Use only COBBER™ pins. These pins are made specifically for the COBBER™ Pin Guns and they are the highest quality to deliver the best performance. Any inferior pins will damage the COBBER™ Pin Gun and the operator will be liable for damages.
- To load your COBBER™ Pin Gun hold it upright with one hand, using the other hand to pull back the slide, the slide will catch with the roller bearing over the back of the frame. This leaves your hand free to load the pins.
- Place two cartridges (fifty pins) into the magazine by sliding them down over the stainless round tube; they are then guided into position between the smaller stainless rails below. Push the first cartridge forward to leave room for the second cartridge. Now you can release the spring loaded slide and the pins will be pushed and held in position.

Operation:

- Make sure the base of the COBBER™ Pin Gun is in contact with the material to be fastened which should already be in contact with the earth below and the pin magazine is facing away from the operator.
- Once in contact, lift the handle up (pin will load), then push the handle down. This will directly connect with a pin and drive it into the surface below.
- If the pin is not driven in completely, the handle may be raised and lowered repeatedly to “hammer” in the pin.
- To engage the next pin, fully lift up the handle and another pin will automatically reload.
- The COBBER™ Pin Gun, being so light, can easily be lifted from side to side for multiple rows of pins in one pass or in single row stitching.
- For steep surfaces, be sure to pin the top or uphill end of the matting thoroughly first. Work with the COBBER™ Pin Gun in front of you while stepping down the hill, stapling as you go.

Note: The COBBER™ Pin Gun has an adjustable handle, to accommodate a comfortable working height for the operator. You can also turn the handle 90 degrees and work along the contour.

Trouble Shooting Guidelines:

Pins not Engaging.

- a) The cartridge spring has not been released.
Solution - release the lever.
- b) The cartridge slide is damaged and not pushing the pins forward.
Solution - return to Geofabrics for service.
- c) Tape caught in guide rails.
Solution - remove excess tape.
- d) Spring has become weak.
Solution - return to Geofabrics for service.

Pins Jamming - More than one pin jammed in chamber.

This generally happens if the operator has not fully compressed the handle and discharged the pin or the pin has hit a hard object. In this situation the COBBER™ Pin Gun will automatically reload on a half discharged pin causing it to jam.

This is overcome by always following through with any attempt to engage a pin.

- In the event a pin does jam, it is removed by the following process;
 1. Fully lift the handle.
 2. Remove cartridges of unused pins.
 3. Rotate black trigger clockwise (located 50mm above pin hanger). Once the trigger is turned on a 45 degree angle, the pin hanger can be pivoted forward thus exposing any bent pin. This pin can now be removed. Once any bent pins are removed the pin hanger can be pivoted back and the black trigger rotated anti clockwise to lock the pin hanger in place.
 4. Gently push the handle down to bring the next pin through.

If the condition prevails return to Geofabrics for service.

Maintenance:

- To keep the COBBER™ Pin Gun performing well in the field, please ensure it is kept clean. Do not use any wet lubricants such as grease as these will attract unwanted dust which will stick to the moving parts.
- We only recommend dry lubricant such as graphite which is readily available from your local hardware store.
- It is the responsibility of the operator to return the COBBER™ Pin Gun in good and clean condition. All damages shall be charged to the operator.
- All routine maintenance and repairs shall be carried out by Geofabrics to ensure the operator always has reliable and high performing equipment.
- Do not attempt to service your COBBER™ Pin Gun in the field as specialist workshop equipment is required.

Features and specifications:

- The COBBER™ Pin Gun is an automated way of installing erosion control matting using wire pins.
- Weighing only 6kgs fully loaded, the COBBER™ Pin Gun will install approximately 60 pins a minute with little effort, while reducing your OSH risks through a quick and safe installation process.
- You can operate the COBBER™ at up to 70 pins per minute or as slow as conditions require.
- COBBER™ pins are made specifically for the COBBER™ Pin Gun; they are the highest quality to deliver the best performance.
- Cartridges of 25 pins are quick and easy to load. The spring loaded slide pushes and holds the pins in position ready for installation.
- The COBBER™ Pin Gun is designed for fast and efficient operation and performs well on slopes up to 45 degrees.
- With the COBBER™ Pin Gun being so light it can easily be lifted from side to side for multiple rows of pins in one pass or in single row stitching.

- The COBBER™ Pin Gun has an adjustable handle, to accommodate a comfortable working height for the operator. The handle can be turned 90 degrees to work along the contour.
- The COBBER™ Pin Gun's pins can be either:
 - o 200mm long by 33mm wide and made of 2.5 mm wire. Each box of pins contains 750 pins with each box weighing 12.6kg.
 - o 150mm long with a 33mm bridge and made of 2.5mm wire. Each box of pins contains 1,000 pins weighing 9.8kg.



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