

## 1. GENERAL DESCRIPTION

The Star Picket Driver is powered by a 4-Stroke engine. Its purpose is to assist you in driving posts or rods into the ground. Your Star Picket Driver comes with a one year warranty on the unit.

## 2. SAFETY INSTRUCTIONS AND PROCEDURES

The aim of this section is to provide you with knowledge about how to use your CROMMELINS™ STAR PICKET DRIVER in an efficient and safe way. Take safety seriously; you must read and fully understand all of the safety warnings before using the machine for the first time.



### 2.1 Responsibility

- The CROMMELINS™ STAR PICKET DRIVER may only be operated by persons who are familiar with the safety rules and the operation manual. First and foremost, users must be able to stop the machine immediately.
- Never let your post driver run unattended. When not in use, shut it off to prevent unauthorized persons from using it.
- Operators are responsible for all damage caused to a third party.
- The CROMMELINS™ STAR PICKET DRIVER is only to be used for the purpose of driving posts or rods into the ground. Misuse may result in serious injury to yourself or others, as well as causing damage to your driver or other surrounding property.
- If the machine is used for any other purpose than described, the warranty and the responsibility of both the manufacturer and distributor will be null and void.
- The warranty will also be invalidated in the case of unauthorized intervention on the machine and whenever the safety instructions, as described in the following enclosures, are not followed.
- The user should be aware of the rules and regulations concerning the environment and noise levels. When using the CROMMELINS™ STAR PICKET DRIVER it is necessary for the user to wear personal protective equipment against noise (ear protection).
- In case of professional use of the CROMMELINS™ STAR PICKET DRIVER, the instructor must provide the user of the driver with sufficient (written) instructions to guarantee safe use.



## 2.2 Underground Utilities

Prior to driving any object into the ground, always have the location of underground utilities identified by a certified locating service. Driving posts or rods into an underground utility line can be extremely dangerous. Severe / or life threatening personal and property damage can occur, be absolutely certain you know where the underground utilities are located.

Underground utilities that may be present include, but are not limited to: Electric, Gas, Telephone, Water, Sewer, TV cable, Lawn Sprinkler, etc.

**REMEMBER:** *DIAL 1100 BEFORE YOU DIG*



## 2.3 Gasoline & Exhaust

Gasoline is highly flammable & explosive. You can be seriously injured when not handling and storing gasoline properly. Always use the approved petrol storage container for your fuel. Never attempt to add gasoline to your CROMMELINS™ STAR PICKET DRIVER while the engine is hot or running, as there is a chance of fumes igniting and causing severe personal damage, as well as damage to your machine.

Never use the CROMMELINS™ STAR PICKET DRIVER inside of a building or un-ventilated area. The engine exhaust contains poisonous carbon monoxide gas that can build up to dangerous levels in closed areas. These fumes can cause unconsciousness or death.



## 2.4 Personal Protective Equipment (PPE)

Always use approved protective equipment. Operators and all other persons in the immediate working area must wear protective equipment as well. Noise emitted from the machine while working can reach above 100db which can also harm others nearby, please consider this while operating.

Personal protective equipment that is recommended, but not limited to is:

- Hearing protection with minimum class 4 Greater than 22db attenuation
- Impact resistant eye protection with side guards
- Protective gloves
- Protective boots



## 2.5 Vibration Hazard Warning

Prolonged use of a power tool exposes the operator to vibrations which may cause white finger disease or carpal tunnel syndrome. These conditions reduce the hand's ability to feel and regulate normal temperature, produce numbness & burning sensations and may even cause nerve & circulation damage. If numbness, tingling, pain, clumsiness, weakened grip, whitening of the skin, or any other symptoms occur at any time when operating the machine, or when not operating the machine; immediately discontinue use of the machine and seek medical attention. Continued use of the machine after the occurrence of any such symptom may increase the risk of symptoms becoming more severe and/or permanent.

- The CROMMELINS™ STAR PICKET DRIVER is designed with internal spring dampened handles to reduce the amount of vibration transmitted to the operator.
- Wear gloves for comfort & grip. Keep hands warm while operating.
- Check the machine for loose connectors / components, as these could lead to increased levels of vibration.
- Always keep a firm grip on the handles, however, do not excessively squeeze the handles.



## 2.6 Maintenance Warning

If the warning labels on your post driver are not able to be clearly read, replace them immediately. Call your local service agent for new warning labels.

Regular maintenance is a prerequisite for keeping the machine safe & effective. Carefully follow all the operating instructions. Any damage or malfunction caused by unauthorized use, parts, or modifications to the machine will not be covered by warranty or carry any significance for any type of product liability.

- Do not use the equipment if wear or damage is evident. Replace damaged parts immediately.
- Comply with occupational health and safety regulations when servicing the equipment, and make sure you have adequate ventilation when using cleaning fluids.
- Engine maintenance is to be carried out according to the engine manual. The operator needs to take careful note of all warnings and dangers also outlined in the engine manual.
- For major service / repairs contact your local service agent.

### 3. OPERATION INSTRUCTIONS & SAFETY

#### 3.1 Introduction & Understanding your Post Driver

Your post driver is designed to be as effective and efficient as possible, whilst being extremely powerful and light weight. It is very important to understand that your post driver is a powerful machine. With proper use and maintenance, your post driver will provide you with many years of service.

To reduce the risk of serious injury or death to yourself or others; you must read and understand the safety & operating instructions in this operator's manual. Every new person who uses this machine must be educated and fully understand the operator's manual. Never allow an un-informed person to use your post driver.

- The petrol-powered post driver is 100 percent self-contained; no other sources of power such as hydraulics or air compressors are required.
- Custom centre bored reducer sleeves are available for grounding rods, rebar & other types of stakes.
- Be sure to read and understand the starting instructions for the engine provided.
- The engine is "inclinable" which means it is designed operate at any angle.
- For optimum performance, the machine is designed to be used with low viscosity NLG "0" specification grease. Any other type of grease will be detrimental to the function of the machine.

#### 3.2 Actions before starting

Follow these guidelines every time you use your machine!

- Ensure Driver is configured for post/picket being driven (use a sleeve if required).
- Check engine oil  
**NOTE** - Oil must be filled into engine before starting the engine. Refer to engine manual for oil levels, type. Use oil specified in manual.  
**NOTE** - Do not overfill, always hold driver in upright position to check oil level! Proper oil level is essential for the correct operation of the post driver. Overfilling the oil will result in loss of power and could cause permanent damage to your engine.
- Check the fuel level, use petrol unleaded fuel only.
- Visually check the hammer and the barrel; look up into the barrel for excessive debris or foreign objects.
- Check all fasteners and tighten as may be necessary.
- Do not use your CROMMELINS™ STAR PICKET DRIVER if there is any damage or wear to any of the controls or safety devices.
- Be sure to use all the recommended personal protective equipment.