

## OPERATOR CHECKLIST



**DO NOT USE THIS EQUIPMENT IF YOU HAVE NOT BEEN TRAINED!**

For your personal safety always ensure that you have read and understood the **Operation and Safety Manual** and follow the instructions when installing tooling and using the Maxi Power+



**Danger**  
Electric shock risk

**Danger** risk of serious injury or death by electrocution, follow instructions



**Danger** risk of serious injury, follow instructions



**Danger** risk of serious injury from rotating parts

### Personal Protective Equipment (PPE)

Always use Personal Protective Equipment including suitable protective clothing, footwear plus:



Suitable eye protection to protect against sewage, chemicals or dust from irritating eyes.



Suitable ear protection to protect against hearing loss.



Suitable heat and cut-resistant gloves to help prevent any hand injuries. Any open injuries or skin irritations should always be covered to avoid contact with sewage, chemicals or dust.



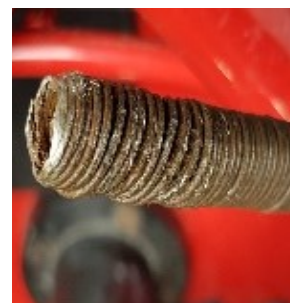
Suitable respirator to prevent any dust or fumes being inhaled or consumed, which could cause occupational asthma or dermatitis.

**Please Note: Only use Picote Tools designed for 3/4 Shaft**  
**Recommended diameter range 3-12" (3 & 4" in straight pipes only).**

### BEFORE OPERATION

**Before installing tooling always ensure Maxi Power+ is turned off & unplugged.**

- Always lay the Maxi Power+ down horizontally on the floor.
- Always inspect the flexible shaft before each use. If there are potential weak points, or the shaft is damaged, cut off the damaged length using a band saw or replace the entire shaft as needed.
- Round off any sharp edges of the shaft to avoid cuts and to make it easier to insert the shaft into the tooling.
- Check that there is sufficient length of exposed flexible shaft, without its outer casing, to attach tooling and allow for shaft movement.
- Check that all tooling screws have been loosened, so that the shaft can be easily inserted inside the tooling. Position the shaft inside the tooling as far as it will go. Tighten screws starting with the screw furthest away from the shaft end.
- Use a Sleeve over the end of the outer casing to prevent it from melting.



Trim back damaged Shaft



Tighten screws starting with the screw furthest away from the shaft end



Sleeve



**Danger**  
400 Volts

**PLEASE NOTE! 3-Phase 400 – 480V EU/UK 16A, USA 30A Power Supply - Electrical shock can cause serious or fatal injury. Only qualified personnel should install, maintain or troubleshoot this equipment!**

Please refer to the **Operation and Safety Manual** before undertaking any work.  
Ask your Reseller or contact Picote for further information: [support@picotesolutions.com](mailto:support@picotesolutions.com)

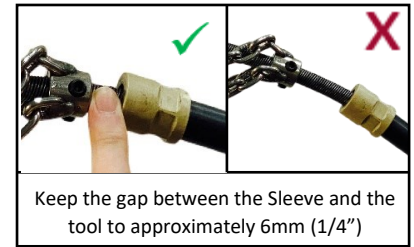
## OPERATOR CHECKLIST



**DO NOT USE THIS EQUIPMENT IF YOU HAVE NOT BEEN TRAINED!**

### STARTING & USING THE MAXI POWER+

- Make sure pipe has been opened and ventilated to prevent gases accumulating.
- When using the Maxi Power+ ensure that the pipes are grounded (earthed) as tooling creates high friction and risk of electric shock.
- Choose the correct size tool for your job. Always use the largest size that will fit inside the pipe and go around any bends.
- Shaft should be taken completely out from the reel as it significantly improves the power transferred to the tooling and prevents the outer casing from melting.
- **Attach a visual marker (tape) on the outer casing of the flexible shaft around 20" from the end of the shaft. The marker will indicate the tooling's location and help prevent possible injury from the rotating parts by alerting you when the tooling is about to exit the pipe.**
- Do not extend the shaft by more than two 36' extensions. Only use Picote Shaft Extension & Connector.
- **DO NOT USE IN REVERSE** as this will cause the Shaft to unravel!
- Ensure water is flowing in pipe or vacuum extraction is used (dry cleaning).
- Where water cooling is not used (air/vacuum situations), take breaks every 15-20 minutes, as tooling gets very hot during use.
- Observe temperature of the outer casing. Let Maxi Power+ cool down every 30 minutes of constant work.
- Adjust the speed up to the level which works best for the job.
- **Do not force the tooling through the pipe, let the tool do the work.** Too much force or speed may cause the tooling to get stuck, resulting in tooling or shaft breakage and possible pipe damage.
- Use either water or vacuum to remove debris.
- **For safety and efficiency always check** the ventilation openings on the motor are kept clear when working in dusty conditions. If it should become necessary to clear the dust, first unplug the Miller.
- Move the tooling constantly back and forth during operation to prevent overheating the outer casing. This is especially important when working in pipes with tight bends.



**Always wear heat and cut resistant gloves when handling tooling (always be sure Maxi Power+ has been switched off and unplugged first). Tooling can be cooled down by placing in a bucket of cold water or left to cool in the open air.**



### MAINTENANCE

**Always make sure that the Maxi Power+ is fully turned off and unplugged.**

- Inspect the condition of the shaft.
- Every 3 months (or when needed) lubricate flexible shaft with Picote Flexible Shaft Lubricant.
- Once a week remove the hand guard and check the tightness of the screws on the shaft connection. If loose, apply Loctite 542 to the threads and re-tighten.
- Relace any fastener screws immediately if you are unable to fully tighten them due to worn out hex socket heads as the tooling could fall into the pipe.



Please refer to the Operation and Safety Manual before undertaking any work.  
Ask your Reseller or contact Picote for further information: [support@picotesolutions.com](mailto:support@picotesolutions.com)