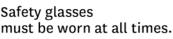
# **SAFE WORK INSTRUCTION**

## Proto Max Water Jet Cutter



#### PERSONAL PROTECTIVE EQUIPMENT





Hearing protection must be worn.



Protective gloves must be worn.

#### POTENTIAL RISKS DON'Ts (i) WARNING - Cuts to the skin will inject abrasive material. x Do not use faulty equipment. Seek medical aid and take the warning notice with you to a Immediately report suspect equipment medical centre if you sustain ANY injury involving abrasives. to your supervisor. (i) When closing the lid, keep your hands away from the edge × Never leave the machine running of the tank unattended. (i) Removing the abrasive feed tube from the nozzle while x Do not operate with guard or panel under pressure will blow abrasive particles into the air, removed contaminating eyes, tools and machines. × Never place hands in vicinity of the () Fingers and hands can be pinched or cut by moving parts. nozzle while cutting Keep fingers and hands away from moving parts. x Never reach into moving machinery (i) When setting up material for cutting, wear gloves that x Do not spray water on or near the provide protection against sharp metal edges machine electrical enclosure. () Use caution around the support slats on the bed of the machine when loading materials. The edges can become very sharp and cause cuts.

#### PRE-OPERATIONAL SAFETY CHECKS

- Ensure you have been trained and authorised to use the cutter. Always check with supervisor before operation.
- ✓ Locate and ensure you are familiar with all machine operations, controls and procedures.
- Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty
- Ensure material clamps are fitted correctly.
- Inspect the visible high pressure plumbing connections for leaks

#### **OPERATIONAL SAFETY CHECKS**

- Only one person may operate this machine at a time.
- Turn on the main power, verify the operation light turns on.
- Turn on Computer. Check connection to Machine via application
- Turn on and check the water pressure. This should be 45-85 psi
- Set machine to home position.

### Ensure Nozzle splash guard is fitted correctly.

- Conduct a nozzle test without and with abrasive.
- Run the operational test before loading material and setting machine for cutting.

#### ENDING OPERATIONS AND CLEANING UP

- If you are the last user of the day, carry out an operational test to clean the nozzle.
- ✓ Switch off the machine when work completed.
- Leave the machine and surrounding area in a safe, clean and tidy state.

This Safe Work Instruction does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references. It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use. **Version 1.0** | 31 Mar 2015 | Approved



