

SAFE WORK PROCEDURES PIPE THREADER

SPECIAL INSTRUCTIONS:

1. Electric power tools should not be used unless the operator has received training or has been fully instructed in the safe use of the tool.
2. Electric power tools must only be used on circuits protected by a residual current device (RCD) and/or safety switch.
3. Operating instructions given in manufacturers' owners manual are to be followed at all times.

Task sequence	Identified hazards in task	Key processes to be followed	Precautions / PPE required
1. Pre-start checks	Electric shock Damage to machine or work	Unplug machine before carrying out maintenance. Check casing for damage, cracks and missing screws. Inspect lead and plug for damage; current test tag must be attached. Machine should be set up on a firm, level surface. Make sure that controls operate smoothly. Check operation of chuck – should lock and unlock evenly. Ensure that slides are clean and operating smoothly. Ensure that handles and grips are fitted firmly, and do not move. Check condition of die, ensure that die is sharp and not damaged, and clear of swarf. Check operation of lubricant pump and coolant level – top up if necessary.	If any damage, missing parts, or out of test, do not use machine – arrange for immediate repairs. Do not use worn or blunt tools. Replace die if worn or broken.
2. Operation	Moving objects Damage to die Flying particles Cuts to hands Slips and falls	Ensure that free end of tube is properly supported to prevent whipping or bending. Do not force cutting die onto tube – allow to feed on at own rate. Ensure adequate coolant or lubricant on die when cutting. Danger of breakage or chips flying from die during use. Stop machine and turn switch to reverse to remove die from pipe. Swing die head out of way if using cutting tool on pipe. Exercise care where rough or sharp edges may be present. Clean up any coolant spills and keep floor clean of swarf and chips.	Eye protection must be worn. Hand protection must be worn. Keep work area clean.

PRECAUTIONS:

1. The following precautions are to be observed, and suitable safety signs as indicated displayed when using pipe threading machines.

