



Enabling Your Ideas

# Technical Document

TD\_31051

**Title:** Duality Lathe Control Software Installation and Revision Information

**Date:** 11/10/09

**Current Software Install Release:** 2.3a

**Product Identification:** Duality Lathe, 30689

## Background:

Mach3 (M3) is the current release of the operating software for the Tormach PCNC mill and Duality Lathe. It is based on a general purpose CNC control program known as Mach3. This document covers the current version of M3 designed to be used with the Duality Lathe when used in conjunction with the PCNC Mill. This software should not be confused with that which runs the PCNC 1100 Mill.

## General Distribution & License:

This document assumes the user has already loaded the latest mill control software at <http://www.tormach.com/documents.htm#> (reference TD30620 & TD31108).

## Installing Duality Lathe Software:

1. Download from <http://www.tormach.com/documents.htm>, open the "CAD, CAM & MACHINE SOFTWARE" section, and selecting **PCNCDualityRelx.xx.exe**.
2. Run the executable accepting the default installation directories.
3. Reboot the computer after installation.
4. IMPORTANT!! You must run this lathe software at least once. This will remove an errant fill that can cause jog shuttle problems in both the lathe and the mill software.
5. Some systems will, by default, open Mach 3 for the PCNC Mill. Simply close on this and click

the Duality Lathe Icon now on your desktop.



Duality Lathe.Ink

Do not run both the PCNC mill program AND the Duality Lathe program at the same time.



Enabling Your Ideas

# Technical Document

TD\_31051

## Revision log:

### Current Release:

Release Title	Date	What's Changed
1.0d	8/11/08	Pending details, copy write symbols
1.1c	11/3/08	Update Pulse width in .xml to 16000
2.2b	10/3/09	Update to work with new mill software v3.11h
2.3a	11/09/09	Modified pulse width to "8" to match the mill pulse width.