

ANILAM 6000 MAINTENANCE INFORMATION

This document is information pertaining to operation and maintenance of all Fryer machining centers and vertical bed machines with Anilam 6000 controls.

LIST OF M-CODES

- *M00 PROGRAM STOP
- *M01 OPTIONAL PROGRAM STOP
- *M02 END OF PROGRAM
- *M03 SPINDLE CLOCKWISE
- *M04 SPINDLE COUNTERCLOCKWISE
- *M05 SPINDLE STOP
- *M06 TOOL CHANGE REQUESTED
- *M07 MIST COOLANT OUTPUT(SPINDLE MAY HAVE TO BE ON) / **OPTIONAL AIR BLAST**
- *M08 FLOOD COOLANT (SPINDLE MAY HAVE TO BE ON)
- *M09 COOLANT (FLOOD AND MIST) OFF
- *M10 INDEXER CYCLE START WAIT FOR COMPLETION
- *M11 MISC. MCODE M11=ON
- *M12 MISC. MCODE M12=OFF
- *M13 U AXIS BRAKE ON
- *M14 U AXIS BRAKE OFF
- *M15 W AXIS BRAKE ON
- *M16 W AXIS BRAKE OFF
- *M17 HIGH PRESSURE THRU SPINDLE COOLANT ON
- *M18 HIGH PRESSURE THRU SPINDLE COOLANT OFF
- *M19 SPINDLE ORIENT
- *M20 CHIP AUGER ON (CHIP WASHDOWN. PRIME PUMP FIRST)
- *M21 CHIP AUGER REVERSE
- *M22 CHIP AUGER OFF
- *M40 SHIFT GEARBOX INTO LOW RANGE
- *M41 SHIFT GEARBOX INTO HIGH RANGE
- *M50 DISABLE SPINDLE DRIVE FOR INDICATING PURPOSES
- *M51 ENABLE SPINDLE DRIVE FOR OPERATION
- *M52 ATC CAROUSEL IN (ARM ATC POT DOWN)
- *M53 ATC CAROUSEL OUT (ARM ATC POT UP)
- *M54 DRAWBAR ON
- *M55 DRAWBAR OFF
- *M58 ATC CAROUSEL CW 1 POSITION
- *M59 ATC CAROUSEL CCW 1 POSITION
- *M61 HOME ATC CAROUSEL TO POCKET 1, ASUMES TOOL 0 IN SPINDLE
- *M62 ARM ATC GRAB TOOL(ON ELECTRIC ATC ALSO SWAPS TOOLS AND GOES UP)
- *M63 ARM ATC ARM ORIGIN
- *M64 PNEUMATIC ARM ATC ARM DOWN AND SWAP TOOLS
- *M65 PNEUMATIC ARM ATC ARM UP