

E-Stop, Over-travel and Alarms

DynaPath WinDelta CNC Lathe Control · Operator Quick Guide

E-STOP is hard-wired and cuts motor power in any mode: release it and press RESET to recover. Current and past alarms are listed under **MODE → S SYSTEM → MESSAGE**. [4.6, 17.4]

Hardware over-travel recovery Manual 4.7.1

- 1** Note which axis is on its limit and which way it must move to come off.
- 2** Go to the **JOG** or **MPG** screen.
- 3** Turn **RAPID OVERRIDE** to its lowest setting.
- 4** Hold **OT RELEASE** and press **RESET** to turn the servos on.
- 5** Keep holding OT RELEASE and move each axis back inside its travel.
- 6** Release OT RELEASE. Done when no E-stop or over-travel alarm remains.

Software over-travel [4.7.2]: jog or MPG away from the limit and the warning clears. AUTO and MDI won't run while it's showing.

Motion alarms (MOT_12xx) Manual 19.1

The last digit names the axis: **1** = X, **2** = Y, **3** = Z, **4** = C, **7** = spindle (S), **9** = CNC I/O board.

Code	Meaning
MOT_120x	Servo drive on that axis reports a fault
MOT_121x	No communication response from that axis
MOT_122x	No power-on signal from that drive (abnormal power supply)
MOT_123x	Servo-on signal dropped out (unstable power supply)
MOT_124x	Drive not ready after timeout (unable to servo on)
MOT_125x	Communication data read error

Note the full code from the MESSAGE screen and press RESET. If it comes back, power down and contact your MACH dealer with the code. Remote Assist is covered in [18.4].

CAUTION If someone is trapped [2.4]: press E-STOP, then open the guards. Free them with the manual handwheels, or turn the spindle by hand with the air supply removed. With no handwheels: release E-STOP with guards open, select JOG → MPG at the smallest increment and move slowly.