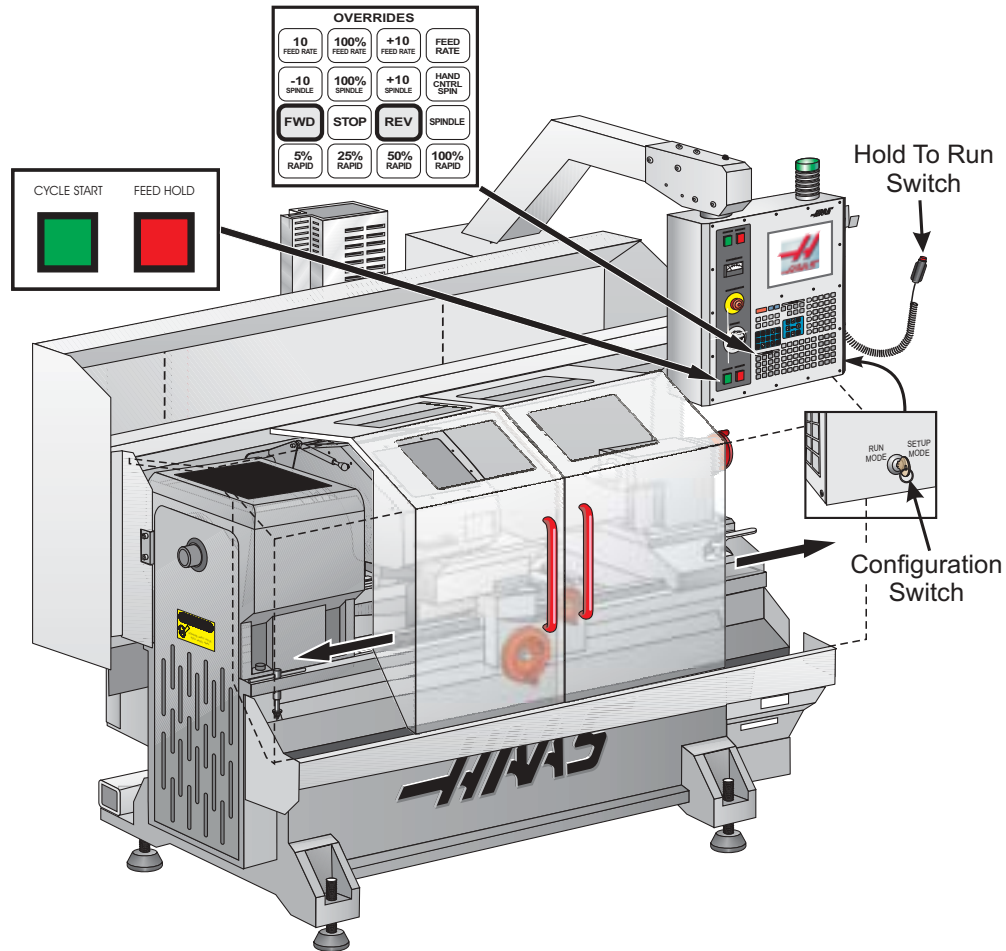


CE INFORMATION



This lathe complies with EN 12840 section 3.7 “Modes of Operation”. The illustrations and text describe the compliance, safety features and necessary precautions. Note that the lathe will only run in one of the two modes.

There is a key switch on the side of the operator's pendant which selects between Automatic (Run mode) and Setup modes. **Important:** The key should not stay with the machine, but should be kept by a trained setup person or shop owner.

Caution: Using the machine without the chuck guards or doors will increase the risk of hot chips and coolant being ejected from the lathe. **Risk of injury to operator and surrounding personnel is increased greatly from the use of machine without guards.**

1. Automatic Operation

To run a program in "Automatic" mode turn the key switch to "Run Mode". Close the doors or press and hold the Hold-to-Run switch. Either the outer doors must be closed or the Hold-to-Run switch must be held at all times that automatic motion is commanded. Press Cycle Start to start the machine.

Opening the doors, or releasing the Hold-to Run switch during a machining operation will stop the lathe. To restart the lathe, either close the doors or press and hold the Hold-to Run switch, press “Reset” (to clear any alarms), and then press Cycle Start.

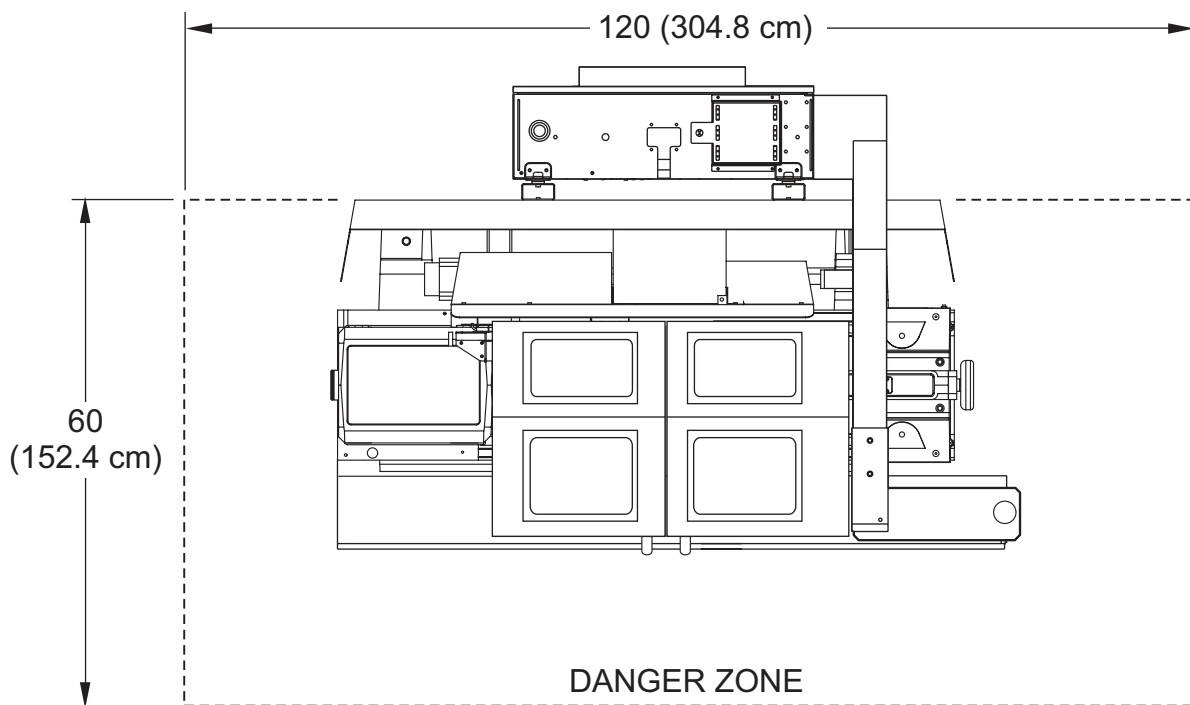
2. Manual Operation

To enter manual mode, turn the key switch to "Set-up mode". To start the machine the **Hold-To-Run switch** must be held down and the **Chuck Guard** must be closed. A **trained** operator is the only one that is to use the machine in Manual mode. If the switch is released or the chuck guard is opened, the lathe axes will immediately stop moving and the spindle is commanded to stop. To resume machining close the chuck guard or press and hold the Hold-To-Run switch. To restart a program press Reset and then Cycle Start. To restart the spindle only press Spindle Forward or Spindle Reverse.

A trained operator using the control jog handle (mounted on the operator's pendant) or axis hand wheels will initiate tool movements. Note that in semi-automatic mode, two-axis motion is achieved by linking the motion from the hand wheel motion, initiated by a trained operator, to the other axis which is moved automatically by the control.

Trained Personnel

Trained personnel are defined as individuals that have basic apprenticeship and machining experience and been trained in the operation of the machine, read the Operator's manual and have paid special attention to and understood the Safety section. These people need to be aware of the dangers of the machine as well as potential dangers to personnel in close proximity of the machine. **These trained personnel must take all the necessary precautions to ensure a safe work environment to themselves and others – Only then are they allowed to operate the machine, regardless of the chosen mode. See danger zone illustration below.**



TL-1 Example