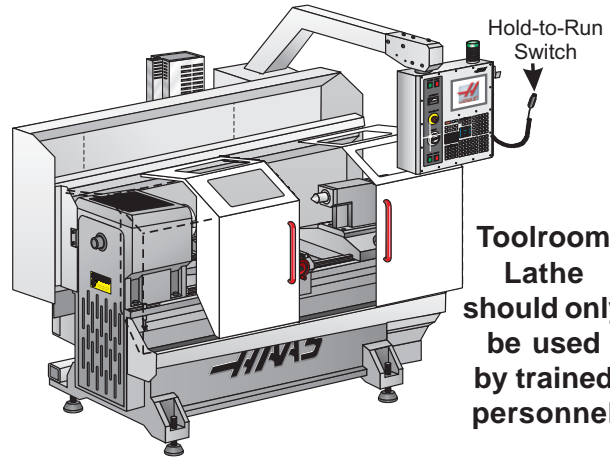


OPTIONAL ENCLOSURE

This lathe complies with EN 13128 section 1.1.6 “Modes of Operation”. The following describes the compliance, safety features and necessary precautions.

The Toolroom lathes (TL-1, TL-2, and TL-3), have an enclosure kit available as a factory installed option. This double door enclosure helps to keep the chips in the machine, and helps to keep the operator and other personnel away from the moving parts of the lathe. This option can be supplemented with an additional chuck guard and hold-to-run switch.



OPERATION

The lathe will only run in one of two configurations:

1. Automatic Cycle

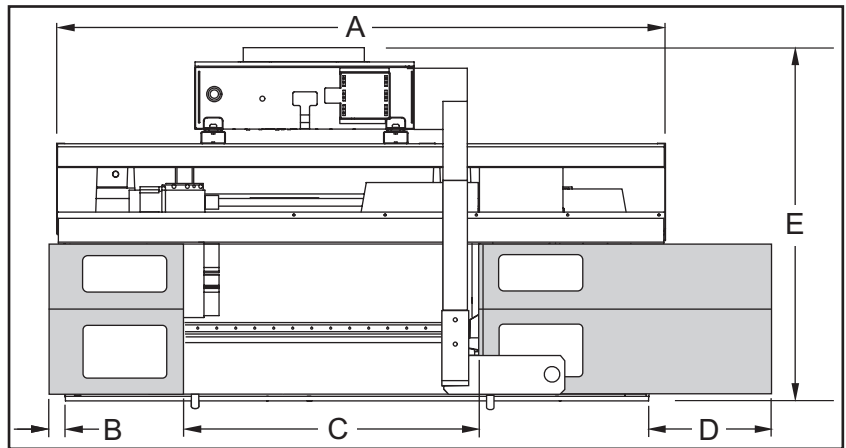
The safety doors have a built in safety switch that only allows axes movement and spindle commands when the doors are completely closed. If the doors are opened an integral door safety switch will bring the axes and spindle to a stop. Closing the door and pressing Cycle Start will resume automatic operation.

2. Set-Up

This mode should only be used for setting up a part to be machined, for example, setting tool lengths. The lathe is allowed to jog with the doors open; however, the spindle speed is limited to 50 RPM. Both axes can be moved with the jog handle, the jog keys, on the pendant, or the manual hand wheels. The spindle can only be commanded using the FWD or REV buttons. Refer to the Operator’s Manual for more information about setting up the machine.

3. Using the Optional Chuck Guard and Hold-to-Run Switch

A **trained** operator is the only person that is allowed to run the lathe in this mode. The addition of the optional chuck guard and hold-to-run switch will allow the lathe to run with the doors open, as long as the chuck guard is closed and the hold-to-run switch is held down. If the hold-to-run switch is released, or the chuck guard is opened, the lathe axes and spindle will immediately stop moving. To resume machining, close the chuck guard, the Hold-To-Run switch must be held down and press the Cycle Start button. This system should only be used if the part being machined is too large to fit within the guarding.



Dim.	A	B	C	D	E
TL-1	83.2" (2113 mm)	4.31" (109.5 mm)	42.93" (1090.4 mm)	11.73" (297.9 mm)	57.85" (1469.4 mm)
TL-2	101.2" (2571 mm)	3.94" (100.0 mm)	58.91" (1496.3 mm)	29.48" (748.8 mm)	58.04" (1474.2 mm)
TL-3	118.4" (3008 mm)	10.50" (266.7 mm)	80.42" (2042.7 mm)	34.22" (869.2 mm)	66.94" (1700.3 mm)

Trained Personnel

Trained personnel are defined as individuals that have 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.**