



TORNADO

T Series CNC Turning Centers

Optional Equipment

Colchester-Harrison offers a wide range of optional equipment to customize your Tornado into exactly the right specification for your particular application.

Machine Options

Speed range. Every Tornado is offered with either high or low speed ranges and is supplied with the appropriate chuck for your chosen spindle speed. This is a no cost option. (The lower speed option offers higher torque and larger chuck capacity).

Hydraulic tailstock. Suitable for bar and shaft turning, it is manually positioned complete with hydraulic quill.

Fully programmable tailstock. Full servo driven positioning for automated operations (T6M and T8M).

Full stroke tailstock travel. Through hydraulic activation and linear rail mount.

Chip conveyor. Ultra simple and reliable slat type conveyor for the automatic removal of chips and other debris.

Renishaw motorized tool setting arm. Automatic in-cycle tool setting and data update.

Renishaw workpiece measuring probe. Optically coupled LP2 probe providing component measurement and automatic compensation.

Parts Handling Options

MBF 1000T bar feeder. All electric fully integrated bar feeder featuring work scheduling software, automatic bar measurement and calculation of the number of components that can be made from the available bar.

Gantry system. Gantry system for feeding, unloading and storing bulk components.

Robot Loader. Fanuc articulated robot (model depends on application) for auto loading chucking applications.

Parts catcher. New high capacity parts catcher supplied with removable container.

Parts conveyor. For the safe and accurate discharge of parts.

Generic bar feeder interfaces. Suitable for all popular makes of bar feeders. e.g. Lemca, LNS, Hydrafeed, FMB.