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. Iemca, LNS, Hydrafeed, FMB.