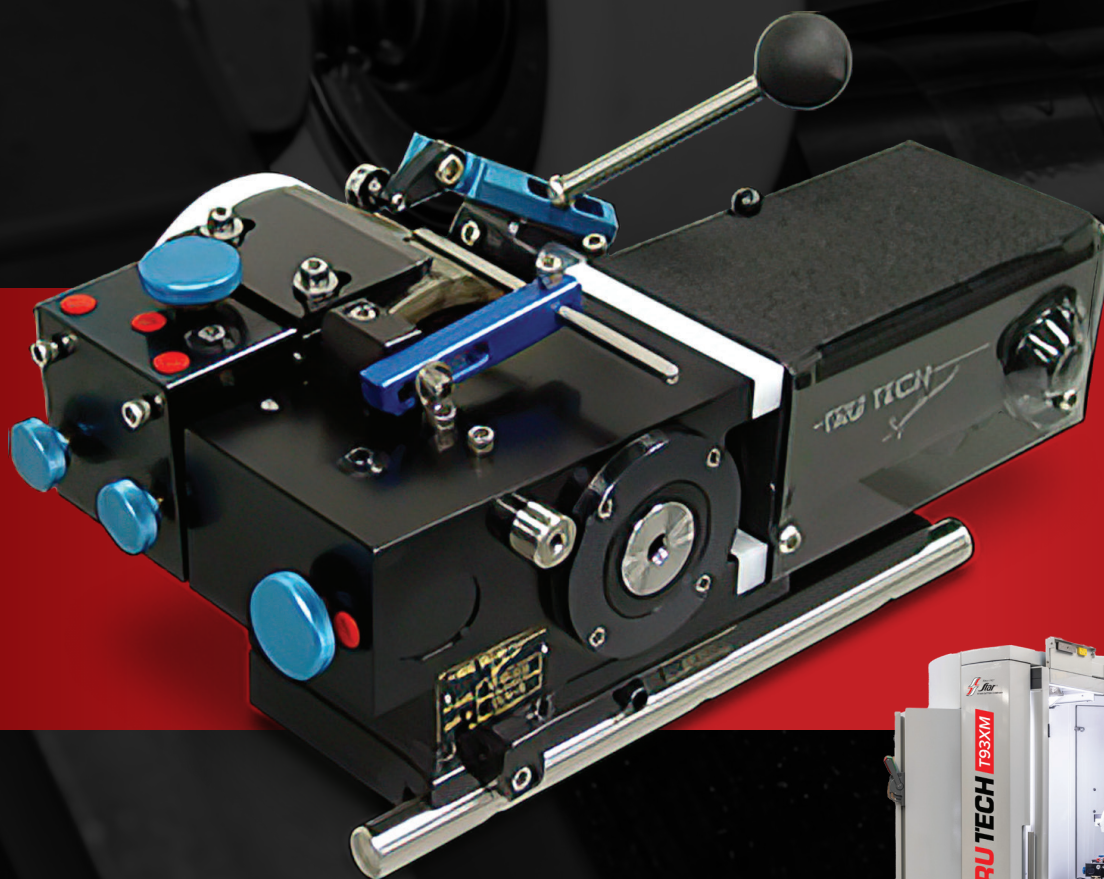


TRU TECH

PRECISION GRINDING UNITS



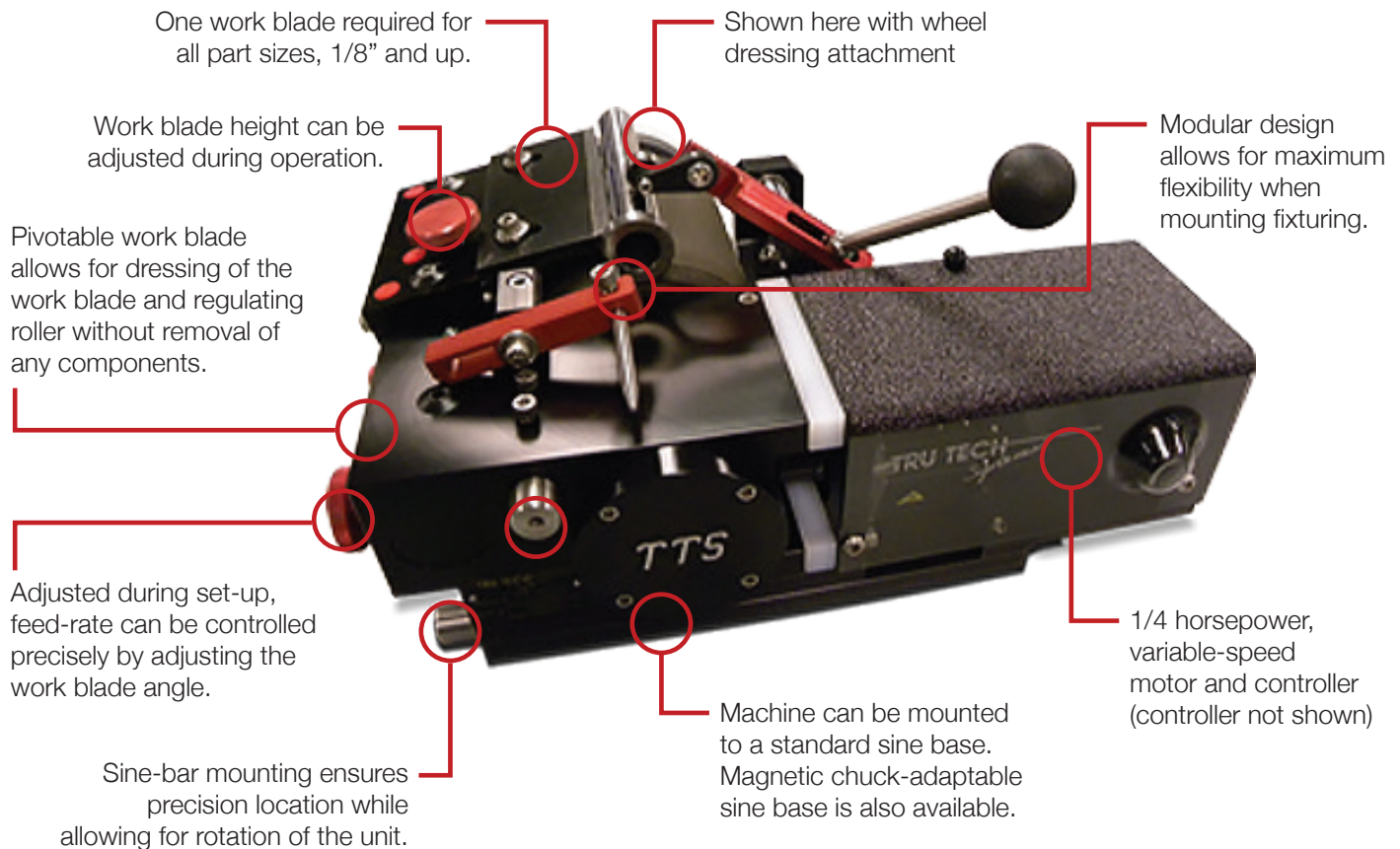
Since 1927
Star[®]
STAR CUTTER COMPANY

TT5000 AND PP8000 PATENTED PRECISION GRINDING UNITS

FEATURED IN TRU TECH 3-AXIS GRINDING SYSTEMS

TT5000 5" ULTRA-PRECISION GRINDING UNIT

The heart of our T93X machines, the TT5000 grinding fixture is extremely versatile, rigid and accurate. Featuring a 5" wide regulating roller supported by a solid carbide spindle, it's guaranteed to less than 0.000030"



Machine repeatability guaranteed to within 0.000030".

The 5" unit contains a solid carbide spindle for maximum rigidity and superior finishes.

Heavy duty 5" unit allows grinding of larger parts with its longer roller and added rigidity.

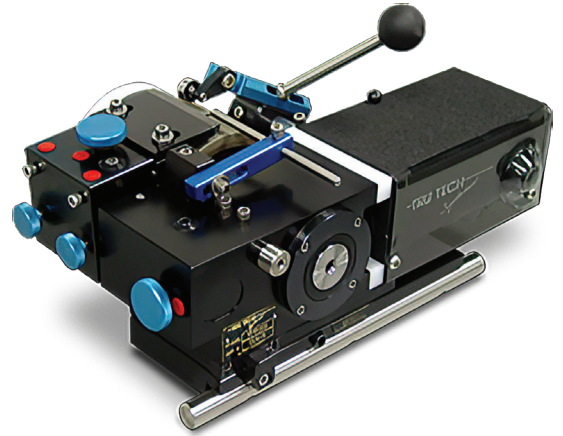
TRU TECH's 3-Axis grinding system computer-controls the grinding unit, for complete integrated and safety interlock.

TRU TECH

PRECISION GRINDING UNITS
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PP8000 3" ULTRA-PRECISION GRINDING UNIT

This ultra-precision Grinding Fixture is extremely versatile and accurate. Featuring a 3" wide regulating roller, it's guaranteed to less than 0.000030" (< 1 micron) run-out. This is an ideal solution when concentricity and roundness on a core pin, cutting tool blanks, or any other round tooling is critical.



TRU TECH T93XM



TRU TECH TT8500



GRINDING SYSTEMS

One of the major benefits of the TRU TECH 3-axis grinding systems is the patented unit. Because of the unit's unique design, no indicating is necessary, which reduces set-up times and increases production. A part being ground can be removed from the regulating roller, inspected, and then returned to the regulating roller by hand without any indicating. Part repeatability is within millionths, as well as the concentricity ground within millionths — without indicating. This is a built-in feature of the system, by its superior design.

The repeatability and consistency of closely held tolerances makes the TRU TECH grinding units an essential item for any high-precision grinding application.

As part of TRU TECH 3-axis grinding systems, these units can perform a variety of work. Plunge, Peel, centerless, OD, infeed, and form grinding, all on one machine! Tolerances in the millionths can be consistently held on all types of work.

The flexibility of these units allows grinding of various shapes and forms all on a wide variety of materials. Diameters as small as .003" and up to 3" can be accommodated.

TRUTECH

PRECISION GRINDING UNITS
FAST SETUP. ACCURATE AND RELIABLE RESULTS.

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