

## SEMI-AUTOMATIC TUNGSTEN CARBIDE DIE WORKING MACHINES

### ETC-1/HF:

Special internal semi-automatic grinding and polishing machine for processing both the reduction cone as well as the cylindrical bearing of round tungsten carbide drawing dies in record-time.

Both these processes are completed in a single machine work cycle, greatly improving die processing throughput.

**Work range:** 0.70 - 20 mm Ø (.03 - .78" Ø)



### ETC-2 LS:

High speed semi-automatic grinding machine for larger sized round tungsten carbide dies. Concepted like the smaller ETC-1/HF unit, but showing a more rigid carriage, a larger 3-jaw chuck of 125 mm Ø, and a very robust, low -noise HF electric workspindle.

Model **ETC-2 LS** is an ideal machine for both the production and/or repair of large tc dies.

**Work range:** 1.0 - 40 mm Ø (.40" – 1.57" )



## TUNGSTEN CARBIDE DIE POLISHING MACHINES:

### HPM :

Compact Hand Polishing unit with safety protection cover, two selectable rotary speeds, electric brake and a 3-Jaw chuck to take up die-casings up to max. 100 mm Ø. (4").

### HPM-L:

Rigid Hand Polishing unit, also featuring a safety protection cover, two selectable rotary speeds, electric brake and a larger 3-Jaw chuck, allowing to take up large die-casings of up to even 160 mm Ø. ( 6,5").



**Only GOOD tungsten carbide dies draw GOOD wire!**