

UNSURPASSED SHAFT TURNING CAPABILITY!



TD-21 CNC KINE-TURN MACHINE

SIMULTANEOUS DOUBLE END TURNING

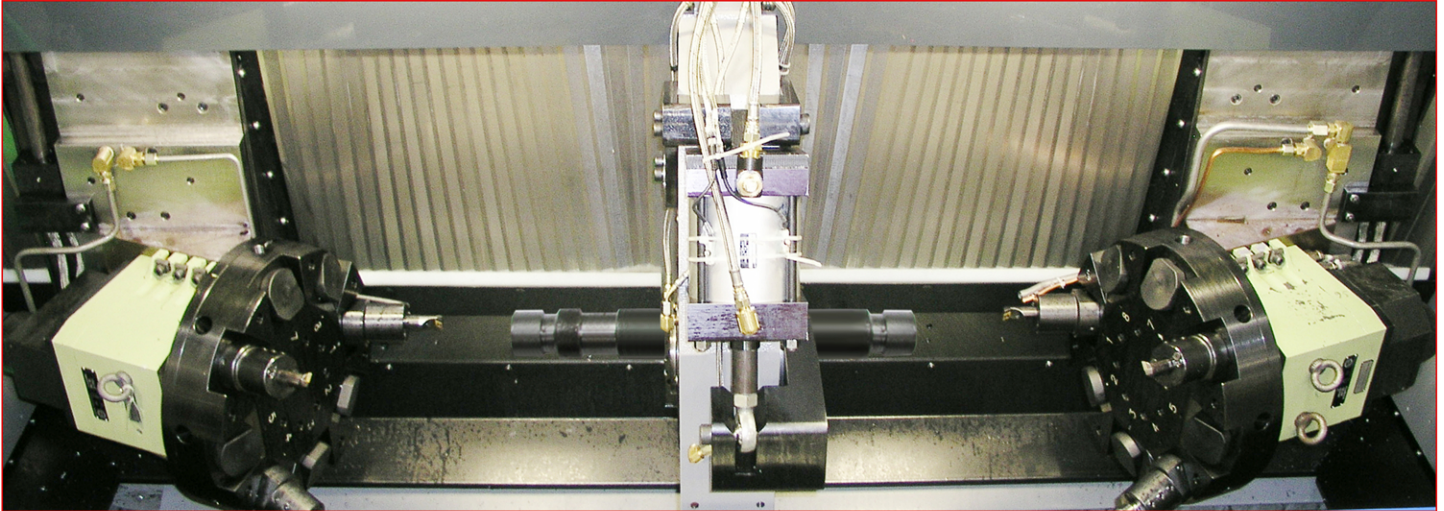
- Increases productivity
- Reduces handling costs
- Insures end bore concentricity
- Minimizes in-process inventory
- Improves the precision of axial position
- Saves capital costs

TD-21 CNC KINE-TURN MACHINE IS DESIGNED FOR:

- High speed, high quality shaft turning production
- Sawed, sheared, extruded, forged or heated blanks
- Work diameter from 6mm (1/4 in.) - 35mm (1 3/8 in.)
- Manual, cell or automated system operation

***TD-21 KINE-TURN IMPROVES SHAFT QUALITY WHILE
DECREASING PRODUCTION COST***

NO OTHER TURNING MACHINE PROVIDES THIS RANGE OF CAPABILITIES



TD-21 FRONT VIEW WITH DOOR, GUARDS & TURRETS RETRACTED

- High precision center drive turning machine
- Mechanical or pneumatically actuated collet system
- Collet systems with three sector full length, 5C or other special collet types
- Rugged spindle system with heavy duty drive belts
- 20 hp electronic variable speed drive 5,500 rpm or optional servo drive
- Servo slide systems with X travel 175mm (7in.) Y travel 320mm (12.8 in.)
- Tool position repeatability - 1 micron (.00004 in.) with glass scales on diameter
- Massive frame and slides with anti-friction bearing ways and ball screws
- Up to 5 tool gang tooling with actuated tool holders or optional 8 station turret
- Quick change or standard tool holders with individual precision adjustment
- Optional robot, pick & place or manual load and unloading
- Integrated load-unload system with front located input track and output tray
- Right or left front supply track or optional end feed & unload
- Full opening front cover with good chip and coolant control
- Optional high pressure coolant system with thru tool flow
- Pendant mounted operator station with Allen Bradley or GE Fanuc CNC controls
- Optional chip conveyor and centrifugal separation of coolant from chips

MAXIMIZE TURNING PROFITABILITY WITH THE TD-21 KINE-TURN

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