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**CNC SHAPING, SHAVING
CHAMFERING, DEBURRING
GEAR CUTTING MACHINES**



GSP-250

CNC GEAR SHAPING MACHINE



Maximum workpiece diameter: 250 mm / 9.84"
Maximum workpiece module: M6 / 4.25DP
Spindle motor: 3.7 / 4.9Kw
Maximum number of stroke: 700str/min
Maximum cutting stroke: 65mm / 2.56"
3-axis CNC control
Heavy high-strength columns and counter columns
Chip collection by magnetic chip separator
Operator friendly orientation of control panel and machine cabinet access

S&T CNC GEAR SHAPING MACHINE

GSP-250

High-Pressure Hydraulic Static Pressure Guide Used

Superior cutting stability and vibration reduction are provided. Precise run-out of head is guaranteed by applying high-pressure hydraulic static pressure guide and metal bush to the shaping head.



High-precision Dual Lead Worm Table Index

By using a dual lead worm (with the precision level less than 10 microns for transmission error). Excellent control on backlash is achieved while guaranteeing high precision for gear processing.



Interactive Programming Environment 3-axis CNC

By utilizing GUD (Global User Data) interactive programming workpiece set-up is quick with just the input of specifications of hob cutter, workpiece, and cutting condition.

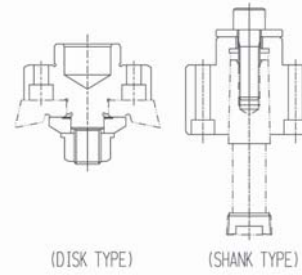


OPTIONAL ACCESSORIES

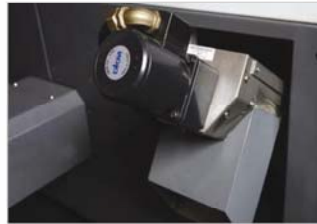
Shaping Jig



Cutter Arbor Set



Magnetic Separator



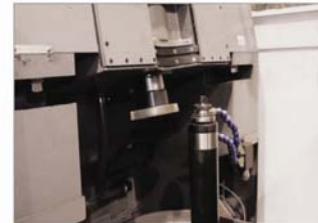
Helical Guide



Tail Stock



Tilting Type Column



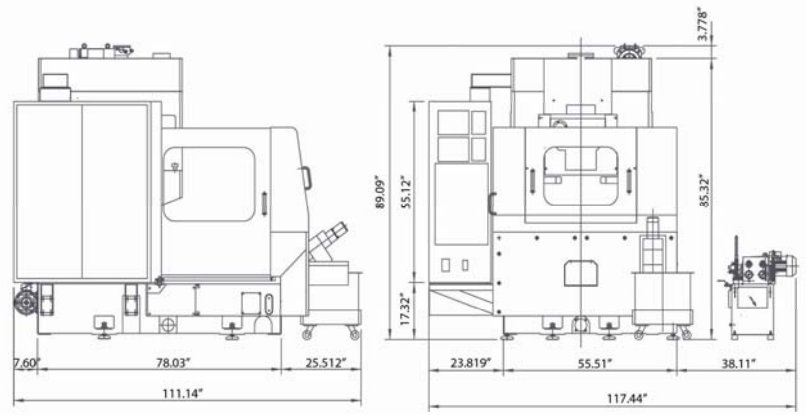
Pinion Cutter



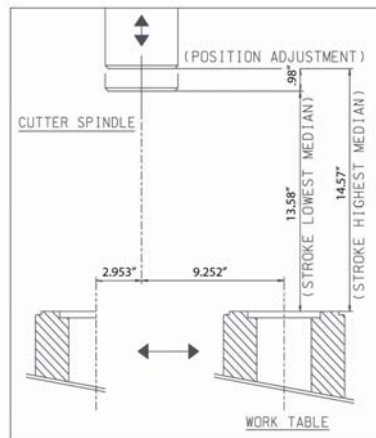
Auto Loading System



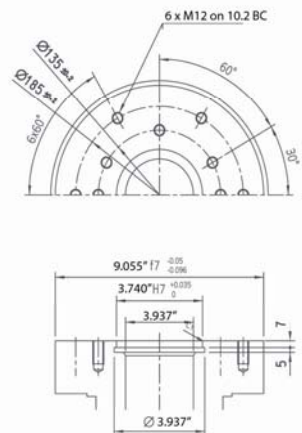
GSP-250 Machine Dimensions



GSP-250 Working Area



GSP-250 Table Specification



Standard Accessories

- Main Body
- Half Splash Guard
- Leveling Bolt and Nut
- Standard Tool Kit
- Work Light

Optional Accessories

- Tail Stock
- Helical Guide
- Magnetic Separator
- Cutter Arbor Set
- Shaping Jig
- Pinion Cutter
- Tilting Type Column
- Transformer
- Auto Loading System
- Ele. Cabinet Air Conditioner