



EXPANDTM
MACHINERY

GEN TURN

36-CS

CNC SWISS MACHINE



**IN STOCK
NOW AT
FLINT!**



FLINT MACHINE TOOLS, INC.
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MACHINE
of the
MONTH!



EXPAND™
M A C H I N E R Y

GEN TURN

36-CS CNC SWISS MACHINE

FEATURES: 36mm 1-3/8" Bar Capacity, Dual "C" Axis and "Y" Axis with 19" Travel, 27-Tools with 11-Driven Tools, Simultaneous Main & Sub-Spindle Machining, Parts Catcher and Chip Conveyor Included, 1,181 Inch per Minute Rapid Rates

Main Spindle	
Maximum RPM/Spindle Bearing	6,000 RPM / 5-Bearing Spindle, 3-Front, 2-Rear ø110mm
Spindle Motor	10-HP 3,000 rpm spindle Motor, 2:1 Pulley Ratio
X-Axis Travel	7.28" (185mm)
Y-Axis Travel (true Y-Axis, not compound Y)	19.29" (490mm)
Z-Axis Travel	6.50" (165mm)
OD Turning Tool Positions	6 OD Tools (1/2" or 12mm) (5-5/8" Tool Plate Available)
ID Turning Tool Positions	5 ID Tools
OD Turning Tool Size	1/2" or 12mm (5/8" or 16mm Optional)
ID Turning Tool Bore Size	25 mm
Spindle Center Height	40" (1015mm)
Sub Spindle	
Sub Spindle RPM/Spindle Bearing	6,000 RPM / 4-Bearing / Quad-Duplex Pair Configuration
Sub Spindle Motor	5-HP 3,000 rpm Spindle motor, 2:1 pulley ratio
X-Axis Travel	11.53" (293mm)
Z-Axis Travel	11.61" (295mm)
Live Tooling	
Cross Slide Live Tools	4-ER-20 Cross Slide Live Tools, 4,000 rpm, 2.0 HP (1.5kw)
Front Slide Live Tools	3-ER-20 Front Slide Live Tools, 4,000 rpm, 1.0 HP (0.75kw)
Live Tool Collet Size	ER-20 Collet, Ø1/2" (0.5-13mm) Tool Shank Capacity
Max RPM for Live Tools	4,000 RPM (1 cross live tool can be substituted on subspindle tool block)
Machine Dimentions	
Machine Length	101" (2420mm) (*+ 36" for Chip Conveyor)
Machine Depth	68" (1500mm)
Machine Height	80" (1985mm)



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