

CYCLONE

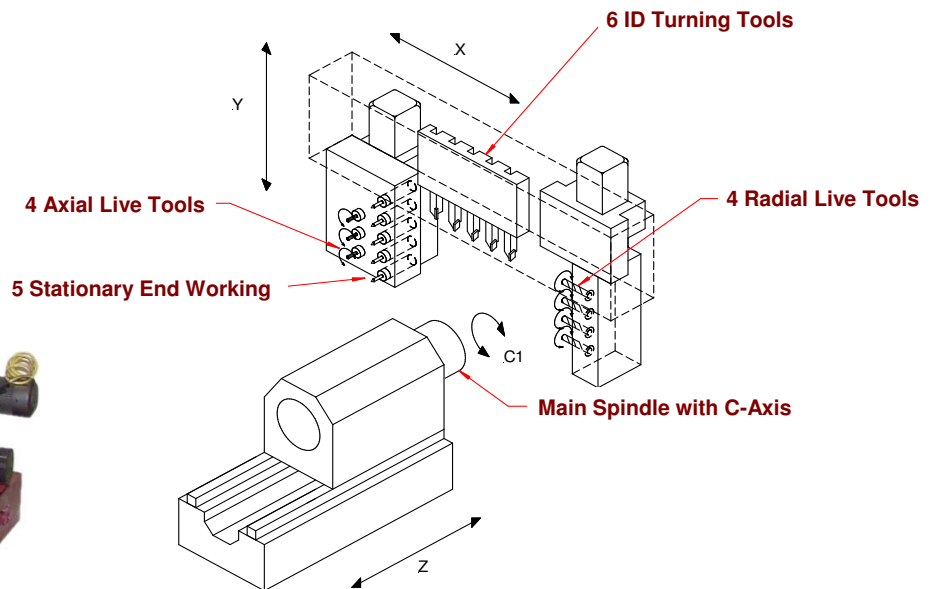
By: GANESH®

4-Axis CNC Automatic Live Tool Lathe
[Non-Guide-Bush Type]

MODEL: CY 25

Cost effective single spindle turning solution for complex part machining.

The CYCLONE-CY model (4 axis sliding headstock) comes with years of proven reliability and performance. The CY model boasts 7 power tools and has a 26mm bar capacity (optional 32mm) This is truly the most cost effective and versatile single spindle 26mm (Non-Guide-Bush-Type) CNC lathe in it's class.



Standard Machine Specs. :

- 4-Axis Mill/Turn Center
- Synchronized Subspindle
- 26mm (1") Capacity (32mm opt.)
- 5HP, 6000rpm Spindle
- C-Axis Main Spindle
- 18 Tool Stations
- 7 Live Tools
- 25-gallon Coolant System
- Chip Filtration System
- Chip Conveyor System with Cart
- Parts Catcher with Conveyor & Bin
- Automatic Lubrication System
- Hydraulic Collet Chuck

Machine Features:

- Sliding Head Stock w/o a Guide Bushing
- FANUC Compatible PC Based Control
- Mitsubishi Servo Drives and Motors
- NSK Spindles and Bearings
- NSK Preloaded Double Nut Ball Screws
- INA Linear Guide Way System (Germany)
- 3-axis Simultaneous Circular interpolation
- Rigid 5,000lbs Construction
- One Piece Meehanite Torque Tube Casting
- Single Sided Complex Machining Capability
- No need for Centerless Ground Material
- Remnant is Reduced to Collet Length
- Roomy Design Allows for Quicker Set-Ups

Speed - Reliability - Performance - Rigidity - Price

Also available in 7-Axis version with Subspindle

Ganesh Cyclones are built in a "State of the Art" ISO 9002, CE Quality Certified facility in Taiwan. Ganesh builds the highest quality machines that combine American design and engineering with the key components manufactured in Japan and Germany. Ganesh Machinery is striving to have the highest quality and most versatile machines for a fraction of the price of the competition.

Machine Specifications:

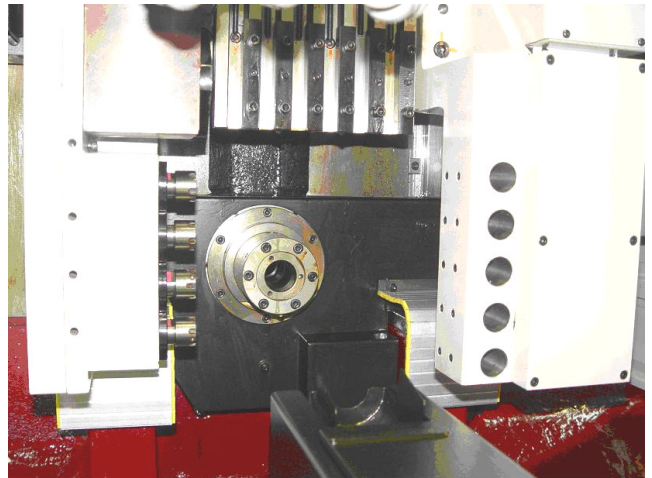
Main Spindle:	
Spindle Motor:	5 HP
Maximum RPM:	6,000 rpm
Spindle Nose:	A2-4
Collet Nose:	BS #21
Maximum Bar Diameter:	26mm
<i>Optional Spindle</i>	<i>(Optional 32mm (1.25"))</i>
X-axis Travel:	7.28"
Y-axis Travel:	19.29"
Z-axis Travel:	6.50"
Rapid Travel Speed:	709 ipm
Max Feed Rate Thrd Cutting	236 ipm
Minimum input unit:	50 millionths (0.00005")
No. of OD Turning Tool	6 OD Tools
No. of ID Tools	5 ID Tools & (3 Live)
OD Turning Tool size	1/2" (5/8" & 3/4" Optional)
ID Tool Bore Size	1"
Spindle Center Height	38"
Lubrication distribution:	3-6 cc / 15 minutes
Coolant Pump:	1/2 HP

Live Tooling:	
Driven Tool Power	1hp (.75kw)
Cross slide live tools:	4 Cross slide live tools
Front slide live tools:	3 Front slide live tools
Live tool collet size:	ER-20 Collet
Live tools RPM & Power	4,000 rpm (1.5KW)
Rigged Tapping	Yes
3 Axis Circular Int.	Yes

Machine Dimensions:	
Length:	83"
Width:	52"
Height:	75"
Net Weight:	5000 lbs

*Machine specifications and design features are subject to change without notice.

Tooling and Machine Layout:



FANUC Compatible PC Based Control:



The Possibilities Are Endless !

Also available in 7-axis Subspindle 32mm version.

Northeast Distribution:



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