

# CINCINNATI MACHINES

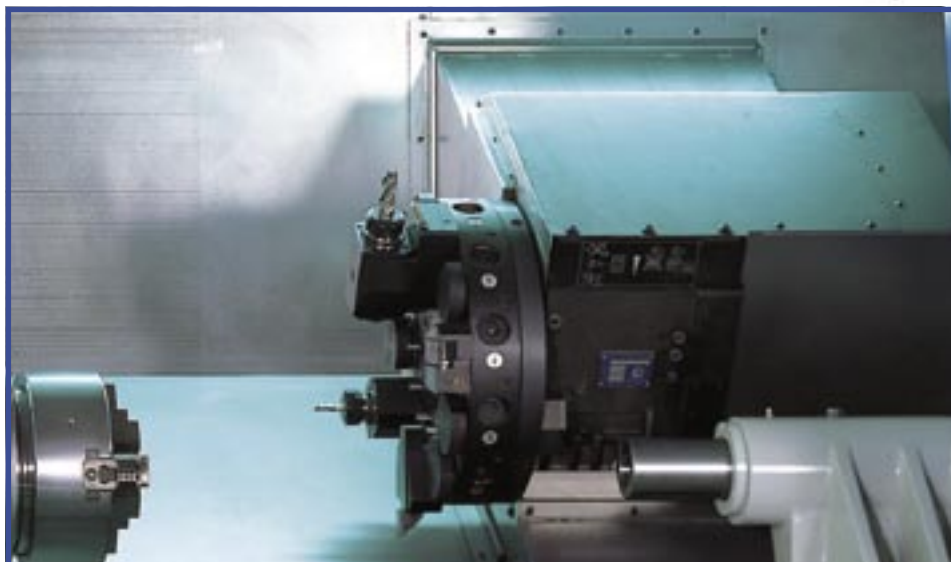
## Omega

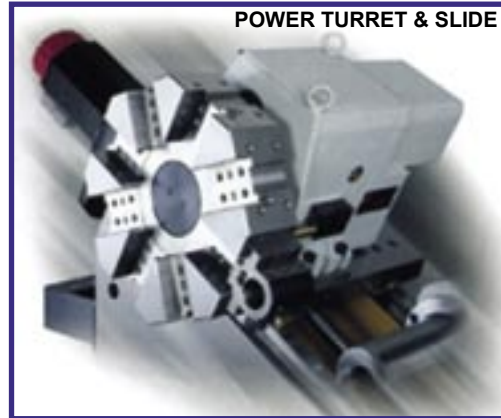
### HIGH SPEED CNC TURNING CENTERS

**Omega** provides a wide range of machine options and features including your choice of Spindle Speeds from 3,000 to 6,000 rpm, 6"- 12" Chucks, 11"- 22" Swing, 9"- 18" Cut Diameter, 10"- 48" Centers, 10hp - 20hp, plus your choice of Fanuc or Fagor CNC, a choice of Turret Configurations, plus you can choose Live Tooling, Bar Feeder, and/ or Parts Catchers for high production.



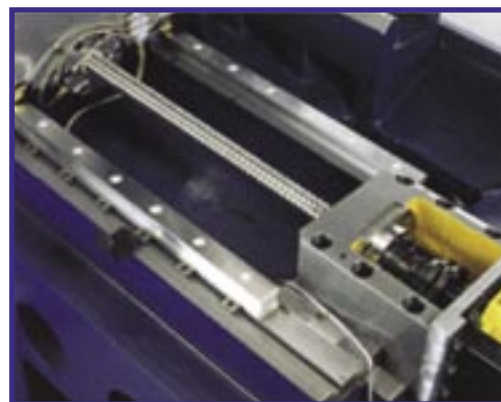
**UP TO 6,000 RPM**  
**600 IPM X**  
**1200 IPM Z**  
**SLANT-BED DESIGN**  
**LIVE TOOLING OPTION**  
**TOOL PROBE OPTION**





**STANDARD FEATURES/EQUIPMENT**

- POWER CHUCK
- HARD AND SOFT JAWS
- CUTTING FLUID SYSTEM
- 8/10/12 POSITION POWER TURRET
- TURRET TOOLING SET
- HYDRAULIC TAILSTOCK
- FAGOR 8055/8055i CNC
- CHIP CONVEYOR WITH CHIP CART
- HALOGEN WORK LIGHT
- AUTOMATIC LUBRICATION SYSTEM
- RS-232 PORT



**HEAVY-DUTY CASTINGS**



**MACHINE SPECIFICATIONS**

| Model                    | Omega-5   | Omega-6          | Omega-8          |
|--------------------------|-----------|------------------|------------------|
| Swing over bed           | 11.8"     | 18.9"            | 22"              |
| Swing over Crossslide    | 9"        | 10"              | 18"              |
| Max Cutting Diameter     | 9"        | 10"              | 18"              |
| Chuck Size               | 6"        | 8"/10" Opt       | 10"/12" Opt      |
| Spindle Speeds           | 6000rpm   | 4500/3500rpm Opt | 4500/3500rpm Opt |
| Spindle Nose             | A2-5      | A2-6             | A2-8             |
| Spindle Bore             | 2.25"     | 2.44"            | 3.42/4.0" Opt    |
| Bar Capacity             | 1.75"     | 2.0/2.95"Opt     | 2.95"/3.54       |
| Opt                      |           |                  |                  |
| Distance between centers | 10.8"     | 15.3"            | 28.7"/48.8" Opt  |
| X Axis                   | 4.9"+1"   | 6"+1"            | 9.44"+1"         |
| Z Axis                   | 10.8"     | 15.3"            | 28.7"/48.8" Opt  |
| X Axis Rapid             | 600 ipm   | 600 ipm          | 600 ipm          |
| Z axis Rapid             | 1200 ipm  | 1200 ipm         | 1200 ipm         |
| Turret                   | Power     | Power            | Power            |
| Number of Tools          | 8         | 8/12 Opt         | 8/10/12Opt       |
| Tool Shank               | 78"       | 1"               | 1"               |
| Boring Bar Diameter      | 1"        | 1.25"            | 1.5"             |
| Tailstock Quill Taper    | #4Mt      | #4MT             | #5MT             |
| Floor Space              | 72x52x68" | 92x64x68"        | 112x76x68"       |
| Machine Weight           | 4400lbs   | 5500lbs          | 7260lbs          |

**OPTIONAL FEATURES/EQUIPMENT**

- FANUC 0i-TC CNC
- ADDITIONAL HARD AND SOFT JAWS
- VDI POWER TURRET
- ADDITIONAL TURRET TOOLING
- PROGRAMMABLE TAILSTOCK
- BAR FEEDER
- PARTS CATCHER
- AUTOMATIC DOOR
- HIGH PRESSURE COOLANT
- C-AXIS AND LIVE TOOL TURRET

