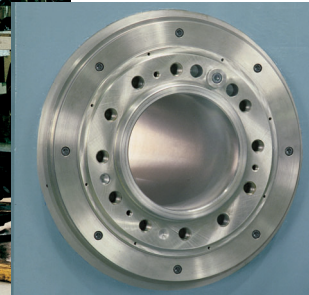


Live turret tooling available.



Big-bore, high-speed spindles, 2.88" to 8.00" bar capacity.



Tool and part probing available.

Bardons & Oliver CNC Turning Machines deliver the custom solutions you need:

- **High horsepower**
- **Large part diameters**
- **Load/unload systems**

Engineered to provide long-term reliability, productivity, accuracy and flexibility.

Advanced machine features include:

- 30, 50 or 80 HP continuous cutting capability
- 6" to 44" diameter part size envelope
- 2.88" to 8.00" round bar capacity
- Up to 3,000 RPM spindle speeds
- Heavy, rigid cast iron base
- Requires less floor space than typical CNC lathe
- 12-station interference-free turret system
- High HP Siemens maintenance-free AC spindle drives
- Reliable GE-Fanuc digital AC servo drives and motors
- Operator friendly GE-Fanuc 16/18i Series CNC controls

Typical machine options:

- Turret mounted live tooling
- Tool and part probing
- Chip and coolant management systems
- Automated material handling

BARDONS & OLIVER

110 years of excellence built into every machine.

5800 Harper Road • Solon, Ohio 44139
Phone: 440-498-5800 • Fax: 440-498-2001
Internet: www.bardonsoliver.com
E-Mail: info@bardonsoliver.com

Get the whole story.

All these features, plus prompt delivery, are yours at a competitive price. Call, fax or E-Mail us for complete details.

2-AXIS CNC CHUCKERS

12.00" - 24.00" CHUCK SIZES

	1SC-12	2SC-15	SC-24	3SC-24
CHUCK SIZE (STD)	12"	15" & 18"	24"	24"
COLLET SIZE	2.75"	5.00"	8.00"	8.00"
SPINDLE NOSE	8"-A1	11"-A1	15"-A2	15"-A1
SPINDLE BORE	2.81"	5.00"	8.03"	8.25"
MAX TURNING LENGTH	15.13"	20.50"	18.00"	27.00"
MAX TURN DIAM (STD TOOL) MAX TURN DIAM (OPT TOOL)	12.00" 18.00"	17.00" 25.00"	25.00" 33.00"	25.00" 33.00"
TURRET BAR DIAMETER SWING OVER TURRET BAR	7.00" 23.00"	9.00" 29.00"	9.00" 41.50"	12.00" 46.00"
CNC CONTROL	GE-FANUC 16/18i	GE-FANUC 16/18i	GE-FANUC 16/18i	GE-FANUC 16/18i
SPINDLE SPEED RANGE (STD) SPINDLE SPEED RANGE (OPT)	43-2014 RPM (GEAR) 55-2558 RPM (GEAR) 42-3000 RPM (BELT)	35-1518 RPM (GEAR) 47-2010 RPM (GEAR) 27-1204 RPM (GEAR)	35-1600 RPM (BELT)	19-838 RPM (GEAR) 5-838 RPM (GEAR)
SPINDLE HP (STD) SPINDLE HP (OPT)	30-HP CONT 40-HP CONT	50-HP CONT 80-HP CONT	50-HP CONT 80-HP CONT	80-HP CONT 100-HP CONT
SERVO DRIVE SYSTEM	GE-FANUC ALPHA AC DIGITAL	GE-FANUC ALPHA AC DIGITAL	GE-FANUC ALPHA AC DIGITAL	GE-FANUC ALPHA AC DIGITAL
MAX AXIS FEED RATE MAX TRAVERSE RATE	200-IPM 400-IPM	200-IPM 400-IPM	200-IPM 400-IPM	200-IPM 250 (X) / 400 (Z)
X-AXIS TRAVEL Z-AXIS TRAVEL	6.25" 8.88"	8.75" 12.00"	12.75" 12.00"	12.75" 15.00"
TURRET (STD)	12-STATION BI-DIRECTIONAL SKIP-INDEX INDEX ANYWHERE	12-STATION BI-DIRECTIONAL SKIP-INDEX INDEX ANYWHERE	12-STATION BI-DIRECTIONAL SKIP-INDEX INDEX ANYWHERE	12-STATION BI-DIRECTIONAL SKIP-INDEX SAFE INDEX ZONE
TOOL SHANK SIZE (STD)	1.00" x 5.00"	1.25" x 6.00"	1.50" x 6.00"	1.50" x 6.00"
MAX BORING BAR DIAM	2.50"	3.00"	4.00"	4.00"
LIVE TOOLING HP (OPT) LIVE TOOLING TORQUE LIVE TOOLING COLLET SIZE	10-HP 795 IN-LB CONT ER40 (1.181")	10-HP 795 IN-LB CONT ER40 (1.181")	10-HP 795 IN-LB CONT ER40 (1.181")	10-HP 795 IN-LB CONT ER40 (1.181")
ELECTRICAL POWER	460-VAC 3-PH 60-HZ 75-KVA	460-VAC 3-PH 60-HZ 90-KVA	460-VAC 3-PH 60-HZ 90-KVA	460-VAC 3-PH 60-HZ 120-KVA
COOLANT CAPACITY	55-GAL	80-GAL	80-GAL	120-GAL
MACHINE HEIGHT	94.00"	94.00"	94.00"	98.00"
FLOOR SPACE	92"-W x 162"-LG	130"-W x 165"-LG	136"-W x 165"-LG	141"-W x 200"-LG
SHIPPING DIMENSIONS	77"-W x 162"-LG x 94"-H	96"-W x 165"-LG x 94"-H	102"-W x 165"-LG x 94"-H	114"-W x 200"-LG x 98"-H
MACHINE WEIGHT	14,500-LB	20,500-LB	25,000-LB	32,000-LB