

A UNIQUE OUTSOURCING SOLUTION...



NEW CENTURY JOB SHOP
Producing Parts, Building Skills



CREATING PARTS WHILE FUNDING TRAINING PROGRAMS

New Century Job Shop offers a unique way to outsource manufactured components, while also creating growth opportunities for the region's manufacturing industry.

New Century Careers has added New Century Job Shop to its South Side Training Innovation Center to help manufacturers produce parts while funding training programs.

NEW CENTURY JOB SHOP

- Assists local start-ups and manufacturers by providing parts from prototype to small batch production runs
- Trainees gain experience making real-world components in a controlled environment
- Creates a larger pool of entry-level machining professionals with enhanced skills for today's job market



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EQUIPMENT HIGHLIGHTS

CNC Milling

- **TRAK VMC5**; Vertical Machining Center; ProtoTRAK RMX control; 8000 RPM; Cat 40; 16 Station tool changer; Travel range of X=20", Y=16", Z=20"
- **DMG-MORI DMU-50 eco**; 5 Axis vertical machining center; Table working surface 25" X 19-3/4"; 8,000 RPM; Cat 40; Siemens 810D control; 16 Station tool changer; Travel range of X=19", Y=17", Z=15"; B Axis range -5° to 110°; Rotary axis 360°
- **HAAS Mini-Mill**; Vertical machining center; Table working surface 36" X 12"; 6,000 RPM; Cat 40; 10 Station tool changer; Travel range of X= 16", Y=12", Z=10"
- **TRAK DPRMX3**; Vertical Bed Mill; ProtoTRAK RMX control; Cat 40; 5,000 RPM; X=31.5", Y=17", Z=25.812"
- **TRAK 2op M11**; Portable Vertical Machining Center; ProtoTRAK TMX Control; 10,000 RPM; BT30; Travel Range X=14", Y=12", Z=17"
- **Hurco VMO**; Vertical machining center; Table working surface 18" X 14"; 8,000 RPM; 16 Station tool changer; Travel range of X=18", Y=14", Z=14";
- **TRAK K3KMX mill**; With PT KMX CNC control
- **TRAK K3KMX mill**; With PT KMX CNC control and NTMB30 spindle taper with power knee and coolant pump

CNC Turning

- **HAAS SL10 lathe**; 12 Station turret; 8" - 3 Jaw chucking system and Royal QG-65 collet system; 6,000 RPM; Barpuller and parts catcher
- **TRAK 1845RX lathe**; ProtoTRAK RLX control; 8" 3-Jaw chuck and 5C Collet system; 8 Station turret; 2,500 RPM
- **TRAK TRL 1630HSSX lathe**; With SLX control; 8 Station turret; 6" - 3 Jaw chuck and 5C collet system; Tailstock; 4,000 RPM

Manual Turning

- **7 – Sharp 1340V manual**; 13" Swing, 40" between centers; DRO

Manual Milling

- **5 – Sharp LMV**; 30" X 12" X 16" Total table travel; DRO; Power feed X
- **2 – Bridgeport 2J**; 30" X 12" X 16" Total table travel; DRO; Power feed X

Manual Grinding

- **2 – Harig 612**; Magnetic chuck; Table working surface 7" X 16"
- **2 – Sharp SG-618**; Magnetic chuck; Table working surface 7" X 16"

Saw/Cut-off

- Dake 1/2" vertical band saw
- Dake 3/4" horizontal band saw

Miscellaneous

- Clark TMX 15; 3000lb. Capacity; Fork Truck
- 10" Super spacer
- Dake 10" drill press
- Central machinery 6" belt sander/disc grinder
- Darex end mill grinder
- Dayton 10" bench grinder
- Baldor 6" grinder
- 8" Buffer
- Dake hydraulic press
- 14" Dry chop saw
- 12" Compound sliding miter saw
- ToolBoss

Engineering Software

- Autodesk – Fusion 360
- 13 – HAAS mill/lathe simulators
- Mastercam 2019
- DraftSite 2020
- Trak SX/PMX Offline

Inspection

- Brown & Sharpe gage 2000 CMM
- MasterView Optical Comparator

Parts Washer

- CRC Industries SmartWasher SW-23

Materials

- Low/High carbon steels, iron
- Stainless steels (300 & 400 series)
- Plastics
- Aluminum
- Bronze and brass
- High temp alloys

