



COVID-19 Rapid Capabilities

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Capabilities and Services

General Capabilities

Turning, Milling and Multi-Functional Machining
Screw Machine Products
Plastic Card Printing
Laser Etching / Engraving
UV Printing on Plastics and Metals
Electronic Product Assembly

Design Services

Firmware Authoring
Software Authoring
Circuit Design
3D CAD Design
Circuit Board Design

Prototyping

Prototyping Capabilities

Short Run Production in Metal

Prototyping Methods

CNC Machining
Screw Machine Turning

Engineering

Engineering Services

Mechanical Design 3D CAD
Electrical Circuit Design

Electrical Circuit PCB Design
Firmware Development, Microcontrollers and Single Board Computers
Software Development in C#, Assembly, C, VB.NET.
CNC Programming from 3D Models

Additional Information

Equipment List

<u>QTY</u>	<u>Description</u>
2	Nakamura Tome WT-100 Multifunction Turning Center 1-5/8" Dia Max
2	Brother S500X1 High Speed Milling Machine 500mm length Max.
11	Plastic Card Printers High Volume, with RFID programming capability
4	RFID chip programmers
21	Intel I7 - 7 & 8 Generation PCs, Gigabit Networked
1	Static Free Assembly Area, Soldering Area, Assembly Stations
1	Gantry Type Fiber Laser Marking Machine 6" x 6" 20W
1	UV Printer Mimaki UJF
1	Filament based 3D Printer
1	Xerox Press Quality 14 x 18 Color Laser Printer, High Speed, High Volume
1	Eurotech Elite Lathe w/ Live Tooling, Sub Spindle 2-7/8" Dia Max.
4	Brown & Sharpe Automatic Turning Machine Type OOG 1/2" capacity w/ transfer slotter
2	Brown & Sharpe Automatic Turning Machine Type OO 1/2" capacity w/ transfer slotter
3	Brown & Sharpe Automatic Turning Machine Type OO Ultra 1/2" capacity w/ transfer slotter
1	Brown & Sharpe Automatic Turning Machine Type OO Ultra 3/4" w/ transfer slotter
4	Brown & Sharpe Automatic Turning Machine Type OG 3/4" capacity w/ transfer slotter
3	Brown & Sharpe Automatic Turning Machine Type OG 3/4" capacity
4	Brown & Sharpe Automatic Turning Machine Type 2G 1-1/2" capacity
3	Brown & Sharpe Automatic Turning Machine Type 2G 1-1/4" capacity
3	Brown & Sharpe Automatic Turning Machine Type OOG dedicated to secondary operations.
1	Hitachi-Seiki CNC Lathe w/ tail stock 1-5/8" capacity, w/ barfeeder
1	Star SR-20 Swiss-style CNC turning machine, w/live tooling, w/ barfeeder, 23mm capacity
4	Nichols horizontal miller
1	Wade hand turning lathe
3	Hardinge hand turning lathe
6	Bridgeport vertical milling machines, digital readout
1	10" South Bend Engine Lathe
1	10" Monarch Toolroom Lathe
1	14" Rockwell Engine Lathe
2	6" x12" Surface Grinder
1	14" South bend Lathe
2	Vertical Band Saws