



PRECISION MACHINING · SINCE 1929

At a Glance:

Port Clinton Manufacturing Company *"ON LAKE ERIE"*

328 W. PERRY ST. · P.O. BOX 220 · PORT CLINTON, OHIO 43452-0220
TELEPHONE (419) 734-2141 · FAX (419) 734-5868
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D U N S #	005040365
Cage Code	7NS18
Organization	C Corp Small Business

Capabilities Statement

Overview

Port Clinton Manufacturing's reputation has been built on high quality, close tolerance work, delivered on time and at a fair price.

PCM is a Tier I supplier to large diesel engine and other industrial equipment manufacturers. PCM has long provided its customers with a full range of in-house machining capabilities. This broad range of machining, top notch quality processes and systems, as well as the sizable capacity of the plant, sets Port Clinton Manufacturing apart from its competitors.

Applications Include

Tier I Diesel Engine components for:

- Railroad
- Emergency Power Generation
- Oil and Gas mining
- Off highway – Agricultural and construction

Mechanical Power Transmission:

- Over running clutches
- Mine safety devices
- Heavy truck transmission
- Brake system components

Capabilities

Engineering & Estimating

From blueprints and or design concepts, PCM's determines the most efficient way to machine each part. PCM assists each customer in finding unique solutions to their machining requirements.

Manufacturing Engineering / Tooling

Able to assist customers with prototyping, material selection, dimensioning, tolerances, heat treating, as well as value engineering parts and assemblies.

Turning

Primary machining department consists of 25 automatic screw machines with capacities from 9/16" through 3-1/2". A variety of other equipment including CNC Lathes, are available for this initial turning of a part.

Heat Treat and Other Finishes

PCM has an extensive network of heat treat facilities and plating experts to impart properties and provide final specifications for all of our customer's parts. This service and network is part of PCM's process. Customers can get full service and only deal with one supplier.

Secondary Machining

PCM has secondary machining capability for both work that is done as part of a component or assembly and also completes secondary work operations as stand-alone jobs. Secondary work includes, but is not limited to the following:

Turning, Grinding, Thread roll, Thread chase, Knurling, Chucking (CNC and Multi Spindle), Drill and Tap, Cross drill, deep hole drill, Counter sink, Precision Assembly, Broaching, Honing, Milling, Tumbling, Bead blast, Cut to length, Grooving, Slotting, Trimming, Chamfering

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- Chucking PCM can chuck blanks up to 12" diameters on CNC or Multiple Spindle Chuckers.
- Precision Grinding PCM is equipped to form grind, I.D., O.D grind, centerless grind, double disk grind, and Blanchard Grind all to tolerances of +/- .0002".
- Broaching PCM's broaching department is equipped with 12 machines of various stroke and tonnage and can work internally and externally to the limits of our 54" stroke, 15 ton machine.
- Precision Assemblies PCM specializes in mating parts together through various methods including brazing and mechanical fits producing a precision assembly for additional machining or ready for direct installation. Packaging to customer specifications is also available.

Quality

Policy:

- Total Customer Satisfaction
- Strive to Achieve Zero Defects in Everything we do
- Continuously improve quality processes and systems to facilitate zero defects and to create total customer satisfaction.

Quality Capabilities Include:

PPAP service, CMM, Profile measurement, Computerized Surface Profile, Optical Comparator, Surface finish testing, Magnaflux testing, Rockwell hardness testing, World class calibration process, Ultrasonic cleaning, and Millipore cleanliness testing including particle counting.

About PCM

Founded in in 1929, Port Clinton Manufacturing Company has earned and enjoyed the respect of its customers. For nearly a century the Port Clinton Manufacturing Co. has been committed to total customer satisfaction by providing high quality manufacturing services and complete customer care. PCM specializes in high value added hardened, ground, and precision parts. The company's reputation has been built on high quality, close tolerance work. The many years of commitment to excellence have earned Port Clinton Manufacturing a Dun & Bradstreet AAA rating.

As a closely held family corporation, Port Clinton Manufacturing Company prides itself on its owner's willingness to give their personal attention to each customer's needs.

For further information on how Port Clinton Manufacturing Co. can increase your profitability and help meet your manufacturing requirements, contact us at any time! Our customer service personnel will quickly respond to your needs.

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