

## Port City Group Equipment List

Port City Group Headquarters  
 1985 E. Laketon Ave.  
 Muskegon, MI 49442  
 Sales can be contacted at  
 Ph. 231-777-3941  
 Fax 231-773-3416  
[sales@portcitygroup.com](mailto:sales@portcitygroup.com)

**Equipment List for The Port City Group****Port City Group Headquarters**

CAD Capabilities  
 3 – Stations Cadkey 20  
 2 – Seats of Master Cam  
 2 – Solid Works  
 FEA Capabilities  
 Mold Flow Analysis Prototyping Capabilities  
 Soft P20 Die Cast Tools  
 Machining from Solid  
 SLA Models

## Laboratory Measurement Equipment

2 – DEA Coordinate Measuring Machines  
 1 - Manual & 1 – CNC  
 2 – Federal Floor Model CMMs  
 3 – Optical Comparitors  
 1 – Phillips X-Ray Machine  
 1 – DVT Vision Inspection System  
 1 – Magnetic Thread Detection Machine  
 - Misc Specific Part Gauges

**Port City Castings Corporation**

Die Cast Equipment  
 1- 1200 ton Prince Die Cast Machine  
 2- 800 ton B&T Die Cast Machine  
 4- 650 ton B&T Die Cast Machines  
 7- Rimrock Brute Extractor Spray Units  
 7- Rimrock Autoladles Melting Equipment  
 1 - 5,800 lb./Hr MPH Reverbs  
 8 - MPH Holding Furnaces  
 160'- MPH Launder Equipment  
 160'- Underground Prab Scrap Conveyor

## Deburring Equipment

1 - Golf Shot Blasting Unit  
 4 - Double End Polishing Stands  
 2 - Sweco Vibratory Finishing Mach.  
 3 - VL Rampe Vibratory Finishing Mach.  
 1 - 20 cu. Ft. Inline Vibratory Deburring Machine

## Machining Equipment

2 - Matsuura CNC Machining Centers  
 2 - Miyano CNC Lathes  
 3 - Nakamura Tome CNC Lathes  
 2 - Haas CNC Machining Centers

## Port City Group Equipment List

2 - Miyano CNC Machining Centers  
 2 - Okuma CNC Lathe  
 2 - Okuma CNC Machining Center  
 2 - Fanuc 6 Axis Robots  
 Multiple dedicated special machining Centers

**Muskegon Castings Corporation**

## Die Cast Equipment

4 -650 ton Prince Die Cast Machines  
 1 - 650 ton B&T Die Cast Machine  
 5 - Rimrock Brute Extractor Spray Unit  
 5 - Rimrock Autoladles  
 All Machines are equipped with automatic  
 die clamping Machining Equipment  
 4 - Clausing 80 CNC Turning Centers  
 Multiple Dedicated Machining Centers  
 2 - Fanuc 6 Axis Robots

## Melting Equipment

1 - 4,000 lb./Hr MPH Reverb  
 5 - MPH Holding Furnaces  
 90' MPH Launder Equipment  
 90' Underground Scrap Conveyers  
 (Prab)

## Deburring Equipment

5 - VL Rampe Vibratory Finishing Units

**Mirror Image Tool**

## Tool Room Support Equipment

1 - Clausing B100 CNC Milling Machine  
 1 - Okomoto CNC EDM Ram Sinker Machine  
 2 - Clausing CNC Mills  
 6 - Manual Milling Machines  
 1 - Turning Lathes  
 1 - Metal Cutting Saw  
 1 - Sheet Metal Former  
 2 - Surface Grinders  
 2 - Core Pin Grinders  
 1 - Moore Jig Grinder

## MP - II Specialty Division

## Die Cast Equipment

2 - Techmire 44NT Multi Slide Die Cast Machines  
 4 - Techmire 66NT Multi Slide Die Cast Machines

## Melting Equipment

All Machines are Equipped with their own  
 Independent metal systems

## Machining Equipment

## "Quick Tap" Tapping Equipment

Multiple Dedicated Specialized Machining Centers

## Deburring Equipment

1 - SurfTran Thermal Deburring Machine  
 1 - VL Rampe Vibratory Finishing Machines

## Port City Group Equipment List

- 1 - Centrifugal Vibratory Deburring Machine
- 4 - Part on Part Tumblers

**Port City Metal Products**

## Die Cast Equipment

- 3 - 450 ton B&T Die Cast Machine
- 2 - 650 ton B&T Die Cast Machine
- 1 - 150 ton National Die Cast Machine
- 5 - Rimrock Tiebar Mount Extractors
- 8 - Rimrock Brute Extractor Spray Unit Melting Equipment
- 6 - MPH Melting/Holding Units

## Machining Equipment

Multi Dedicated Special Machining Center

## Deburring Equipment

- 1 - Sweco Vibratory Finishing Machine
- 1 - VL Rampe Vibratory Finishing Machine

**Port City Custom Plastics**

- 1 – 55 Ton Milacron Molding Machine
  - 2 – 85 Ton Milacron Molding Machine
  - 1 – 70 Ton Milacron Vertical Molding Machine
  - 1 – 150 Ton B&T Molding Machine
- All machines feature the latest in process controls.