

Columbia Manufacturing Services – A Division of Columbia Machine, Inc.

Columbia Machine is one of the world's leading manufacturers of concrete products and material handling equipment, serving customers in over 90 countries. We have extensive machining and fabrication capacity as you can see from the equipment list below. We have the skill sets in many long-term employees to complete any project we undertake. Our goal is to provide solutions to your manufacturing needs. At Columbia, we're more than a manufacturer, we're your partner.

MACHINE SHOP

Fifteen Vertical CNC Mills

- Max: X= 198", Y=70", Z=33"

Three Horizontal CNC Mills

- Maximum capacity: 135" x 86" x 63"
- Multiple pallets, 4th axis tables

Five CNC Lathes

- Maximum dia-22", Max length=60"
- Bar feed up to 4" diameter
- Live tooling

Four Surface Grinders

- Max capacity: 72" Table, 100Hp

Other Capabilities

- Manual Mills Drills & Lathes
- EDM
- Hone
- Broach
- Up to 20-Ton Crane Capacity

CUTTING & SHEARING

Combination Plasma Burn/CNC Machine

- One stop cutting and machining
- Plate capacity: 120"x 240"x 1.50"

Laser – 3000 Watt, up to 7/16" plate

Two Plasma/Oxyfuel Burning Tables

- Plate capacity: 120" x 240"
- Thickness: 12 gauge to 6" steel

Two Shears – Max 12' x ½" thickness

Three Automatic Band Saws – Max 14" Sq.

FABRICATION

22 Welding Stations

Robotic Welder - 24" x 46" Tables

Seven Straightening Presses

- Max 60" x 120", 60 Tons

Three Press Brakes

- Up to 16' Long, 320 ton

HEAT TREATING

Three Furnaces

- Carburizing
- Tempering
- Normalizing
- Stress Relieving
- Annealing

ASSEMBLY

Mechanical Assembly – Approx. 125,000 SF

Hydraulics Test & Assembly

Electrical Panel Assembly

FINISH

Shotblast Booth - 14' x 30' x 13'high

Four Paint Booths – Max 14' x 60' x 15' high

ENGINEERING

Mechanical & Electrical Design Engineers

CNC Programming

Complete Systems Integration

At Columbia, we maintain a culture of craftsmanship and value our employees' contributions to excellence. Please contact us today to discover the possibilities that are available to you with Columbia Manufacturing Services as your resource partner!