





TABLE OF CONTENTS

Introduction.....	2
Prefabrication.....	3
Fabrication.....	4
Inspection.....	4
Testing and Measuring.....	4-5
Material Handling.....	5
Machining.....	6-7
Assembly.....	8
Finishing.....	8

***To supply superior products
and services at a competitive
price with integrity.***

INTRODUCTION

R-V Industries is a uniquely diversified engineering and manufacturing company. We offer complete fabrication, machining, assembly and finishing services.

Headquartered in Honey Brook, PA with two additional facilities located in Morgantown and Wagontown, PA, R-V Industries offers 160,000 square feet of manufacturing space.



MORGANTOWN



WAGONTOWN



HONEY BROOK

PREFABRICATION

M.C. = Maximum Capacity

Burning

- 3 cutting systems, plasma burners, one torch and computerized controls.
- 1 high definition plasma burner with beveling capabilities up to +/- 52° and 27.3 feet of effective cut length. +/- 0.015" accuracy in 72" of travel

Forming

- 3 press brakes, 1 CNC controlled back gauge and ram, 1 CNC controlled back gauge, 1 with manual back gauge. M.C.= 400 ton x 12'.
- 4 plate rolls. M.C.= 10' x 3/4" c/s. Min.= 4 7/8" diameter
- Angle bending roll. M.C. = 6" x 6" x 1/2".

Sawing

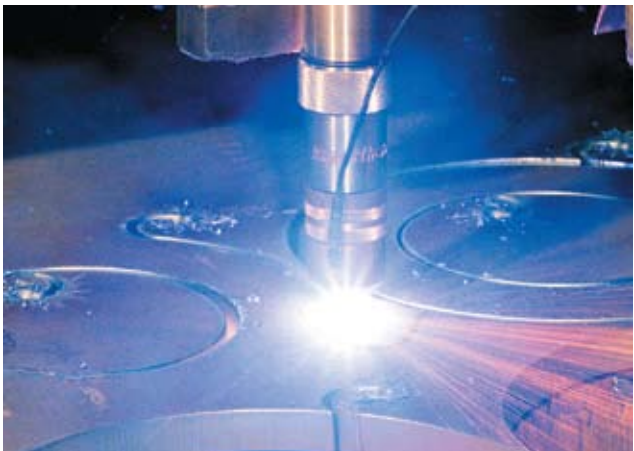
- 5 saws. M.C.= 19" diameter round bar, 18" x 20" cube, fully automatic, with mitering capabilities.

Shearing

- 1 gap type shear with power back gauges. M.C. = 5/8" x 12' c/s, 1/2" x 12' s/s

Punching

- 4 Ironworkers. M.C.= 75 tons.



FABRICATION

M.C. = Maximum Capacity

- A.W.S. and A.S.M.E. Code welding: “U, R, S, UM” stamps and NQA-1. Weldments to 60 tons, materials include aluminum, carbon steel, hastelloys, nickel and stainless steel.
- Assorted weld positioners. M.C.= 8 tons.
- Assorted turning and idler rolls. M.C.= 90 tons.

Positioning

- 6 Manipulators. M.C.= 12’ vertical, 13’6” horizontal.

Welding

- 4 sub arc units. M.C.= 1500 amp.
- 1 lot of GMAW units with auto feeders, carts and booms. M.C.= 650 amps.
- 15 GTAW units.
- 8 Stick units.
- 2 Nelson stud guns.
- 11 MIG (GMAW) pulse units.

Welding Types

- FCAW
- GMAW
- GTAW
- SAW
- SMAW

INSPECTION

- CWI Inspectors.
- Level II LPT Inspectors.
- Level I LPT Inspectors.
- Quality Control Inspectors.

A.S.M.E. Inspection Agency: The Hartford Steam Boiler Inspection and Insurance Company

TESTING and MEASURING

- 1 Hydraulic engine hydrotester. M.C.= 5,000 lbs.
- 1 Vacuum pump.
- 2 Vibratory stress relief machines

TESTING and MEASURING

M.C. = Maximum Capacity

- Densitometer
- Gauge Calibration
- Halogen Leak Detector
- Hardness Testers
- Liquid Penetrant Testing
- Magna Flux Detector
- Mass Spectrometer - Helium
- Micrometers
- Moly Detection Kit
- Optical Level and Alignment
- Paint Gauges
- Surface Profile Gauges
- UT Thickness Gauge
- X-ray Film Viewers
- Sling Psychrometer
- Vernier Calipers

MATERIAL HANDLING

Lifting

- 25 overhead cranes. M.C.= 40 tons, 24' lift.
- 27 Forklifts. M.C.= 10 tons.
- 4 Scissor lifts. M.C.= 1 ton, 31' high.
- 1 Vacuum lifter. M.C.= 500 lbs.
- 2 Telescoping lift. M.C.= 500 lbs., 40' high.

Hauling

- Capable of hauling maximum legal limits.
- Oversize hauling

Company Fleet

- Diesel tractors.
- 42' Trailers.
- 6 ton Flatbed.
- Miscellaneous others.



MACHINING

M.C. = Maximum Capacity

Lathes

- 7 Engine Lathes

- 60/80" diameter x 354" cc. M.C.= swing.
- 27/40" diameter x 472" cc. M.C.= length.

- 4 CNC Lathes

- 2 slant bed 19/28" diameter - 30" cc.
- (1) 24/40" diameter x 120" cc.
- 1 mill/turn 16/22" diameter, 60" cc., 12" chuck with a 3" thru spindle capacity

Horizontal Boring Mills

- 4 Manual type. M.C.= 6" spindle, x-travel = 135", y-travel = 75", z-travel = 48", w-travel = 72".
- 2 CNC. M.C. = 6" spindle, x-travel = 120", y-travel = 96", z-travel = 36", w-travel = 63".
- 1 Programmable. M.C.= 6" spindle, x-travel = 120", y-travel = 96", z-travel = 48", w-travel = 63".

Vertical Boring Mill

- 4 M.C.= 120" swing, 84" under rail, tracker equipped.



MACHINING

M.C. = Maximum Capacity

Roll Grinders

- (1) 36" diameter x 256" face.
- (1) 42/60" diameter x 256" face.

Dynamic Balancing Machines

- 3 Max. weight = 25,000 lbs., min. weight = 25 lbs., max swing = 100", max. length = 384".
- Capable of multi-plane balancing
- Dynamic balancing - 60" x 425".

Planer Mill

- 1 M.C.= 72" x 72" x 16' planer mill with 4 heads.

Planer

- (1) 46" openside x 245" stroke.

Blanchard Grinder

- (1) 76" diameter table.

Vertical Machining Centers

- 2 CNC. M.C.= 40" x 80" table, x-travel = 80", y-travel = 40", z-travel = 36".

Drill Presses

- 3 Radial arm drill presses. M.C.= 6' arm.
 - 6' x 19" Radial.
 - 3' x 8" Radial.



ASSEMBLY

M.C. = Maximum Capacity

- Complete assembly services. M.C. = 25 tons.
- Control panel manufacturing.
- Field service/assembly crews.

FINISHING

Compressors

- 6 Air compressors. M.C.= 100 h.p.

Polishing

- Mechanical polishing, mill finish to mirror.
- Electropolishing.

Cleaning/Painting

- 4 Empire 250 sandblast systems.
- 2 Paint booths, 1 with a track rail system, M.C.= 42' long x 16' wide x 14' high.
- 1 Airless paint spraying system.
- Various abrasive blastings including grit and glass bead



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