



A Big Rocks Manufacturing Company

# CAPABILITIES STATEMENT

## ABOUT US

Big Rocks Engineering has **over two decades** of comprehensive experience in the **aerospace, heavy trucking, equipment manufacturing, and flow control industries**. As an integrated engineering and manufacturing service provider, our capabilities include product design to development and production. With facilities focused on **engineering, precision machining, metal fabrication, stamping and powder coating**, we stand as your one-stop solution for both engineering services and manufacturing needs.

We're a privately held small business, anchored in Missouri, and serve as the central business development and engineering hub for a consortium of manufacturing firms. Our family of companies include CED Precision Machining (Bloomsdale, MO), Mack Hils Metal Fabrication (Moberly, MO), Roberts Tool and Die (Chillicothe, MO) and Total Powder Coat and Finish (Moberly, MO).

## CORE COMPETENCIES

- **End-to-End Product Design, Development, and Prototyping**
- **Integrated Manufacturing: Precision Machining, Fabrication and Stamping**
- **Powder Coating: Inventory Management, Kitting, and Logistics**

## DISTINCT ADVANTAGES

- **Focused Quality:** Our specialized entities ensure unmatched quality across all services, driven by expertise.
- **Strategic Location:** Centrally positioned in Missouri, we're primed for optimal accessibility.
- **Industry Mastery:** With deep experience, we excel in serving original equipment manufacturers.
- **Full Spectrum Service:** We cover the entire product journey, from innovative design and development to production and distribution.

## PAST PERFORMANCES



## NAICS CODES

541330	ENGINEERING SERVICES
332710	MACHINE SHOPS
332999	MISC. METAL FABRICATION
325510	POWDER COAT
333111	FARM & EQUIPMENT MANUFACTURING
333120	CONSTRUCTION MACHINERY MANUFACTURING
541340	DRAFTING SERVICES
541490	OTHER SPECIALIZED DESIGN SERVICES
336413	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
333612	SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING
332912	FLUID POWER VALVE AND HOSE FITTING MANUFACTURING
332911	INDUSTRIAL VALVE MANUFACTURING
332919	OTHER METAL VALVE AND PIPE FITTING MANUFACTURING
332510	HARDWARE MANUFACTURING
336120	HEAVY DUTY TRUCK MANUFACTURING
336214	TRAVEL TRAILER AND CAMPER MANUFACTURING
336212	TRUCK TRAILER MANUFACTURING

### FEDERAL SUPPLY CLASSES

1650	AIRCRAFT HYDRAULIC, VACUUM, AND DE-ICING SYSTEM COMPONENTS
1660	AIRCRAFT AIR CONDITIONING, HEATING, AND PRESSURIZING EQUIPMENT
3040	MISC. POWER TRANSMISSION EQUIPMENT
4730	HOSE, PIPE, TUBE, LUBRICATION, AND RAILING FITTINGS
4820	VALVES, NON-POWERED
5340	HARDWARE, COMMERCIAL
5365	BUSHINGS, RINGS, SHIMS, AND SPACERS
1730	AIRCRAFT GROUND SERVICING EQUIPMENT
2320	TRUCKS AND TRUCK TRACTORS, WHEELED
2330	TRAILERS

### PRODUCT SERVICES CODES

C212	ENGINEERING GENERAL DRAFTING
C214	ENGINEERING GENERAL MANGEMENT
D313	IT AND TELECOM - COMPUTER AIDED DESIGN/COMPUTER AIDED MANUFACTURING
AD24	R&D – DEFENSE OTHER: SERVICES (ENGINEERING DEVELOPMENT)

### Integrated Manufacturing: Precision Machining, Stamping and Fabrication

Our capabilities are underpinned by advanced CNC technologies, cutting-edge waterjet and laser systems, and diversified presses and forming equipment. Our [ISO 9001:2015](#) certification stands testament to our dedication to excellence. Every commitment we make is backed by proven expertise, ensuring precise, efficient, and cost-effective solutions tailored to government standards.

#### Highlighted Capabilities:

- CNC Milling & Turning
- Waterjet Cutting
- Laser Cutting & Turret Punch Press
- Press Brakes
- Stamping - Progressive
- MIG & TIG Welding

### End-to-End Product Design, Development, and Prototyping

Committed to exceeding the stringent requirements of government projects. We've honed an all-inclusive engineering suite—from innovative product development to state-of-the-art [3D modeling and reverse engineering](#). Our commitment is to transform your mission-critical concepts into operational assets with unmatched **accuracy and effectiveness**.

#### Highlighted Services:

- New Product Development
- Reverse Engineering and 3D CAD Modeling
- Technical Packages & Prototypes

### Powder Coating: Inventory Management, Kitting, and Logistics

Our top-tier powder coating infrastructure delivers impeccable finishes, meeting diverse mission demands. Beyond mere surface perfection, our expansive [40,000 square foot warehouse](#) ensures the safe and organized storage of your assets. Coupled with our adept logistics expertise, we guarantee [prompt, efficient deliveries](#), ensuring your assets are always mission-ready.

### COMPANY INFORMATION

Registered Company Name	Big Rocks Engineering
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