

SOUTHERN PERFECTION

CAPABILITIES — 2026

METAL FABRICATION / BYRON, GEORGIA

COMPLETE METAL FABRICATION. UNDER ONE ROOF.

From a rough idea to a finished, painted part — designed, cut, formed, welded, and coated in a single Byron facility. One purchase order. One accountable team.

40+ YEARS

IN BUSINESS SINCE 1982

4TH GEN.

FAMILY-OWNED & OPERATED

ISO 9001

CERTIFIED QUALITY SYSTEM

CAGE 2W654

DEFENSE-REGISTERED

01 THE SINGLE-SOURCE ADVANTAGE

EVERY STEP, ONE BUILDING

Most fabricators send work out for design, finishing, or specialty steps — and your schedule waits in someone else's queue. We don't. **It starts on our own design floor and never leaves the building.**

00 DESIGN In-house SolidWorks engineering	01 CUT Laser & plasma cutting	02 FORM CNC forming, bending & rolling	03 MACHINE CNC turning & milling	04 WELD MIG/TIG & robotic welding	05 FINISH Wet paint & powder coat	06 SHIP Assembly & delivery
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When a job never leaves the building, there are no handoffs to chase, no second shop's backlog, and no finger-pointing on quality. You get **tighter lead times, one point of accountability, and a part that ships finished** — not one waiting on an outside coater.

Need a design first? **In-house design & engineering** turns your math data — or a rough idea on a napkin — into a buildable, production-ready part. That's the difference for a custom shop: we engineer it, we don't just build your print.

1 PO

ONE PURCHASE ORDER

1 SHOP

NO SUBCONTRACTING

1 TEAM

ACCOUNTABLE END TO END

SOLIDWORKS

IN-HOUSE DESIGN & ENGINEERING

IN-HOUSE CAPABILITIES

00 - DESIGN & ENGINEERING

In-house **SolidWorks** design and engineering — we take your math data, drawing, or a rough concept and turn it into a buildable, production-ready part before a single cut is made. For a custom shop, that's the whole game.

/ 01

LASER & PLASMA CUTTING

CNC laser and plasma cutting for clean, precise, repeatable parts.

LASER + PLASMA

/ 02

CNC FORMING & BENDING

Press-brake forming, CNC tube bending, and plate rolling.

100-TON • 8' & 10'

/ 03

CNC MACHINING

CNC turning and milling for machined components and features.

TURNING + MILLING

/ 04

WELDING

MIG and TIG welding across 20+ stations, plus robotic welding capabilities.

20+ MIG • 3 TIG • ROBOTIC

/ 05

FINISHING

Wet paint and powder coat in-house — Nordson dual-gun powder booth.

PAINT + POWDER COAT

/ 06

ASSEMBLY & REPAIR

Assembly and integration, plus repair fabrication of racks and equipment.

BUILD + REPAIR



THE MACHINES BEHIND THE WORK

High precision and efficiency, backed by current, named equipment — the capacity to take a project from flat stock to finished assembly without subcontracting.

CUTTING (2) Trumpf 7000 tube lasers — round 0.50"—10.75" OD, square to 8"×8". Two 5'×10' fiber lasers (Trumpf + Amada) with a 10-tower automatic loader. TUBE + FLAT LASER	FORMING Accurpress 8' and 10' 100-ton press brakes for precise, repeatable bends. 100-TON · 8' & 10'	MACHINING & ROUTING Haas CNC mill and lathe for machined features. Thermwood 5'×10' CNC router . MILL · LATHE · ROUTER
WELDING 20+ MIG machines and 3 TIG machines for aluminum and stainless, plus robotic welding capabilities . 20+ MIG · 3 TIG · ROBOTIC	FINISHING Timesaver flat deburring machine. Nordson dual-gun powder booth, plus wet paint — in-house. DEBURR · POWDER · PAINT	DESIGN & ENGINEERING In-house SolidWorks — from math data or a rough concept to a buildable, production-ready part. SOLIDWORKS

MATERIALS · Carbon steel · Stainless · Aluminum · Magnesium

PLANNED INVESTMENT · GROWING CAPACITY

We're an adaptable partner and align capital investment with the customers we serve. Slated expansions:

ADVANCED FORMING AUTOMATED PRESS BRAKES Amada press brakes with Automatic Tool Changers (ATC) and sectionalized tooling — for rapid, automated setups.	SECONDARY OPERATIONS STREAMLINED COMPLETION Upgraded tapping arms and magnetic drill stations to streamline end-to-end part completion.
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INDUSTRIES & WHAT WE BUILD

■ Heavy Equipment & Off-Highway	■ Food, Beverage & Dairy
■ Packaging & Paper	■ Material Handling
■ Transportation & Trailer	■ Aerospace — Non-Flight
■ Chemical Processing	■ Mining & Aggregate
■ Industrial Machinery & OEM	■ Distribution & Logistics
■ Energy & Power Generation	■ Data Centers
■ General Manufacturing	

Material-Handling Racks	Automotive, WIP & bakery
Returnable Containers	Bins, baskets & dunnage
Weldments & Frames	Robotic-welded, production volume
Sheet Metal	Precision parts, brackets & panels
Metal Enclosures	Cabinets, housings & containment
Guards & Platforms	Guarding, mezzanines, access
Custom Fabrication	Built to your drawing
Rack & Equipment Repair	Fast-turn repair fabrication



WHY BUYERS CHOOSE US

01

ONE ROOF

Design, cut, form, weld, and finish in one building — no subcontracting, no handoffs.

02

BUILT TO LAST

We repair racks and equipment too — so we know how they fail, and build them not to.

03

STABLE SUPPLIER

Forty-plus years, four generations, one facility. ISO 9001 certified.

04

FAST, FAIR QUOTES

Send a drawing and get a real price and lead time — no runaround.

05

REGIONAL

Short freight across the Southeast — and a shop you can visit and audit.

06

ONE ACCOUNTABLE TEAM

One purchase order, one point of contact, one shop that owns the result.

LET'S TALK ABOUT YOUR JOB

SEND US A DRAWING. WE'LL QUOTE IT.

Have a part, a weldment, a rack, or a repair that needs turning fast? Send the drawing — or just call and tell us what you're up against.

PHONE
(478) 956-4442

TOLL-FREE
(800) 237-4726

WEB
southernperfection.com

LOCATION
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