



esafabrication

VALUE THROUGH FLEXIBLE SOLUTIONS





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Thank you for your interest in ESA Fabrication.

ESA's mission is to equip our customers with a strong, competitive edge while providing outstanding customer service. With decades of engineering experience in the electrical industry and a team that truly cares, each and every job is considered "mission complete".

Our experienced and innovative engineering team develops solutions that meet the unique requirements of our customers. Amongst industry distributors, contractors and manufacturers, ESA has built a reputation of integrity, excellence, craftsmanship, accountability, and communication. We invite you to explore how our quality products and flexible services can deliver value to you and your customers.

Tyson Gentz

Tyson Gentz- Owner

Made in
America





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Custom UL-Listed Enclosures

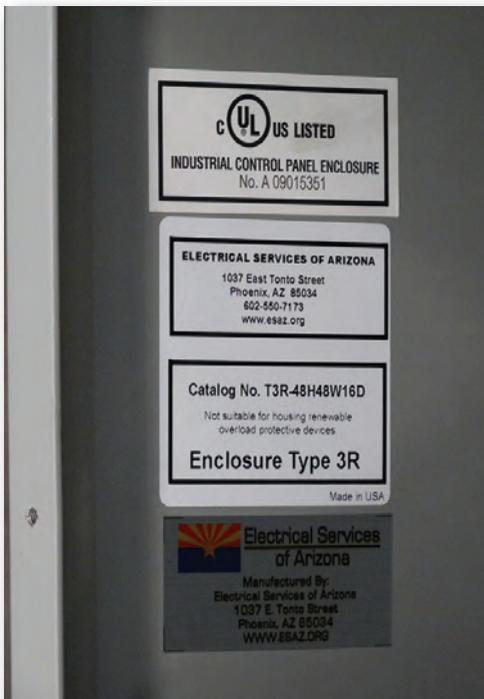


ESA Fabrication is an industry leader in manufacturing custom electrical enclosures and electrical cabinets to a number of industry standards and ratings; whether they are made from aluminum, steel, or stainless steel. ESA has built a superior reputation for providing customers with custom enclosure solutions to meet a wide variety of needs and specifications.

Our custom enclosures and raceways are fabricated in accordance with UL Specifications; including code gauge steel and welding finishes.

Features include:

- UL 50 and UL508A
- Powder coated finish
- Stainless Steel and Aluminum; can be brushed or polished
- Galvanized
- Keyed Locks; quarter turn latches, thumb screws, 3-point latches, and other closing options



Questions? Contact us for a no-obligation project evaluation.
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Welding Fabrication



ESA has an extremely talented and experienced staff of welders who work with a wide variety of materials; i.e., steel, aluminum, stainless steel, tubing, bar stock, brass, and sheet metal.

We have a diverse amount of metal working equipment; i.e., shears, brakes, ironworker, pipe bending equipment, and much more. We house a full-service weld shop for MIG, TIG, and ARC welding.

Our post welding finishing types include:

- Powder coating
- Hot dip galvanizing
- Plating
- Sand blasting

We bring “Value Through Our Flexible Solutions”.



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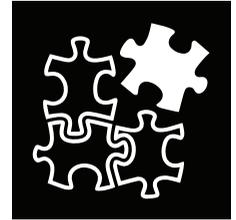
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Custom Fabrication

ESA has the resources, engineering experience, and creative talent required to make a customer's idea tangible.



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ESA is an extremely versatile fabrication shop with a vast amount of resources. Beginning with development and all the way through production to assembly, a custom project has our full support of cost effective machining, fabrication, and assembly processes and techniques. From a simple bracket to an entire jobsite power room, ESA's resources and experience are what allow a custom project to reach full potential.

ESA's resources include but are not limited to:



- Drawings and submittal sheets
- Structural Engineering Stamp
- Water jetting and laser cutting
- Braking, shearing, and cutting
- Punching and hole making
- Welding – Mig, Tig, Arc
- Powder coating and painting
- Stripping and sandblasting
- Hot dip galvanizing and plating



Material Handling Carts



Why buy material handling carts from ESA Fabrication?
... Our heavy duty carts are built to outlast the competition!



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- ESA Fabrication builds material carts using an unusually heavy gauge steel which ensures product longevity, security, and durability.
- Every ESA cart is finished with an industrial grade powder coat finish. We offer all industry standard and custom colors.
- Our carts are carefully designed and built with construction materials and packaging in mind, ensuring maximum storage space.
- We offer custom branding; welded-in, waterjet and laser cut, vinyl lettering and wraps.
- We can work one-on-one with you to design a custom cart that meets any unique jobsite need.
- We equip all of our carts with heavy duty, industrial, caster wheels.
- We use a special caster mounting bracket system that allows the caster wheels to be installed and uninstalled quickly and easily.
- We offer key-matching services so multiple carts may share the same key.
- Built **American Strong**; all of our carts are proudly made here, in the USA!



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Temporary Power Stations



ESA is your temporary power solutions provider! We engineer and build custom temporary power stations to meet your jobsite needs. Whether it is a single panel with a few receptacles or a complete power station with panel and transformer, ESA can handle it.

- We offer Type 1 or Type 3R power set ups.
- We can display your company brand on water-jet cut steel identification plates.
- We give all of our Temp Power steel structures an industrial powder coat finish and offer standard and custom colors.
- Our power stations have custom, forklift-friendly bases.
- Our bases can be outfitted with heavy-duty casters for easy mobility.

See our website for the easy-to-download order form.
Just click on the Catalog & Forms Tab.

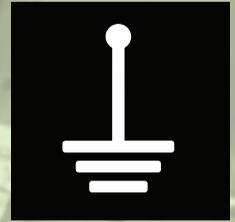


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Ground and Bus Bars



ESA Fabrication manufactures electrical ground bars and a wide variety of custom ground bars and busbars to meet your needs. ESA ensures top quality fabrication with precise, computerized, and numerically controlled tooling; specialized punching and cutting tools; and highly skilled fabricators.

We can build the custom components you require, from a wide variety of bar stock in the proper widths and thicknesses, that meet your exact specifications.

ESA is well known for our stand-offs and insulators that create the insulating air gap between a busbar and surrounding material. We use high-grade, high-strength, glass-reinforced polyester, with resistance to shattering. All are fitted with aluminum thread inserts, making installation quick and easy, while holding UL certification (UL certification number E84767).

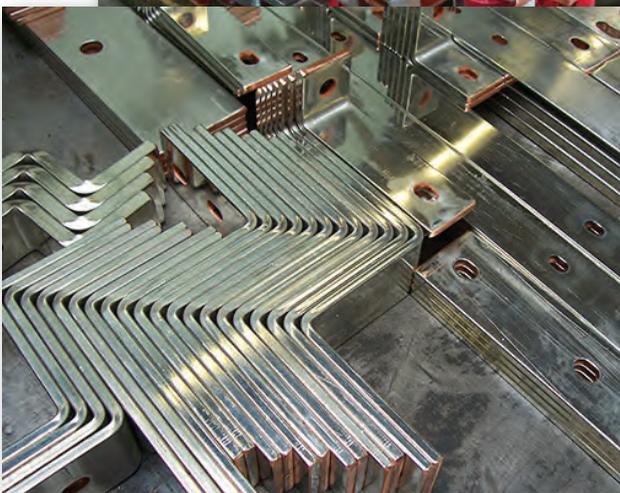
ESA also provides GP03 Electrical-Insulating Fiberglass Sheets and Strips, also known as polyester-grade industrial laminate. Made from fiberglass-reinforced polyester, it offers valuable electrical insulation and arc resistance.

Don't see what you need? No problem, just give us a call!



Materials we offer:

- Copper
- Silver Plated Copper
- Tin Plated Copper
- Aluminum
- Stainless Steel

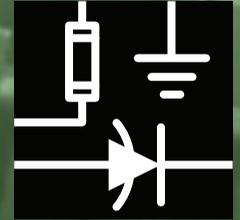


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Prefabricated / Engineered Solutions

ESA Fabrication was founded to help electrical contractors and distributors with all of their prefabrication needs. We have an extraordinary amount of experience, know-how, and utilize tried-and-true methods when it comes to building fully engineered electrical systems. We have successfully provided real-world solutions to our customers for over 10 years and we continue to be leaders in our industry.

ESA has successfully helped our customers build many of the following types of projects:

- School Dormitories
- Hotels
- Housing Projects
- Hospitals
- Offices
- Schools

We offer the prefabrication of:

- Fully Engineered Solutions
- Receptacles, Switches, and Components
- Electrical Panels and Load Centers
- Light Fixtures
- Disconnects
- Stub-ups and many other components

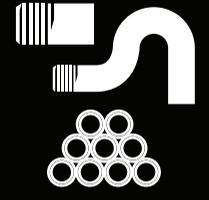


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Pipe Threading, Pipe Bending, Elbows, Nipples, and Risers



ESA offers extensive pipe threading and bending services in diameters ranging from 3/8" to 6". We use all of the popular materials, including; IMC, GRC, EMT, PVC Coated GRC (OCAL, ROB ROY, PERMA COAT), Aluminum Rigid Conduit, Brass Conduit, and Schedule 40 black pipe. We bend offsets as well as the more challenging 90's, kicks, and special radius bends. We bend standard pipe of; 18", 24", 36", 48", 60", and radius 90's. Our bending services include corrosion-resistant taping in custom sizes (including 20 MIL) and FA or GRC coupling installation on either end. We carry standard size, 90 degree elbows, and offer rapid turnaround on special orders. ESA utilizes NPT industrial dies for absolute precision and expedited order delivery. We manufacture and stock standard and custom nipples for nearly all applications, including gas lines.



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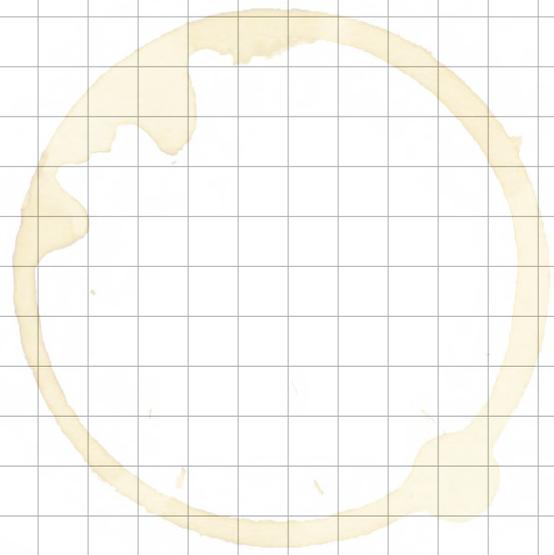


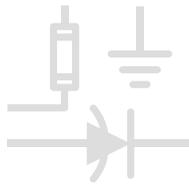
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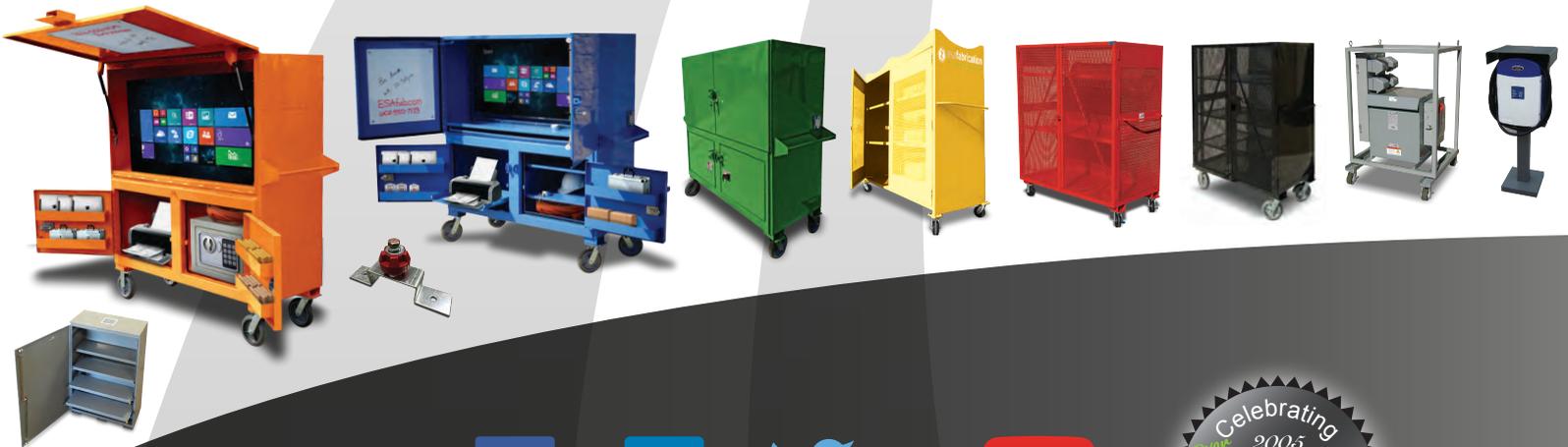


Notes:





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