

# Custom Engineered Solutions

Standard Electrical Products often fall short for challenging power distribution applications. That's where Lex **CES** is your solution.



## Custom Engineered Systems and Units

- Custom Portable Transformers
- Portable Transfer Switches
- Portable Input and Output Panels
- Ruggedized Switchgear



200 Amp Automatic Transfer Switch



1600 Amp AC / 4000 Amp DC  
Shipyard Combo Box

# Custom Engineered Solutions

**PowerHOUSE™**  
Portable Distribution Boxes

**PowerGATE™**  
Switches & Panels

**PowerFLEX™**  
Cable Assemblies

**PowerRACK™**  
Rolling Distribution Racks

LEX Products Corporation is a leading manufacturer of innovative portable power distribution products. LEX Custom Engineered Solutions is a service offered by Lex Products to solve customer need for a custom electrical distribution product. We are trusted by our customers to draw from our depth of knowledge of portable power distribution systems to create an elegant, application-specific solution to meet your requirements.

LEX Products knows that all of our customers' power distribution requirements are not the same and has developed an approach that will meet even the most demanding electrical, mechanical, packaging, and thermal requirements safely with the highest quality in mind. We develop solutions based on our customer needs from heavy-duty industrial applications to small entertainment venues, and between.

When a standard or configurable product will not support your desired application, the design team at LEX products utilizes their skills and experience to use best practices used in our standard offering to support complete custom engineered solutions. We adhere to requirements of the National Electric Code, UL standards, and other regulatory agencies to provide a compliant design.

## Custom Engineered Solutions

### Types of Products

- PowerGATE™ Portable Automatic Transfer Switch
- PowerGATE™ Manual Transfer Switch
- PowerHOUSE™ Transformer Boxes (15KVA-150KVA)
- PowerRACK™ Transformer Racks
- PowerGATE™ Disconnect Switches
- PowerGATE™ Company Switches

### Types of Applications:

- Outdoor Events
- Temporary Relief
- Back-Up Power
- Motion Picture
- Live Events
- Plant Shutdowns
- Rental Houses

### Certifications

- IPC/WHMA-A-620 Certified
- AS9100:2009 (Rev. C) Certified
- ISO 9001:2008

**PowerGATE™**  
Switches & Panels



**800 Amp Company Switch**



**1600 Amp AC/4000 Amp DC Shipyard Combo Box**



**400 Amp Horizontal Company Switch**

**PowerHOUSE™**  
Portable Distribution Boxes



**Transformer Boxes**



**Shelter Panel**



**30KVA Transformer Box**



# Manufacturing Capabilities

**PowerHOUSE™**  
Portable Distribution Boxes

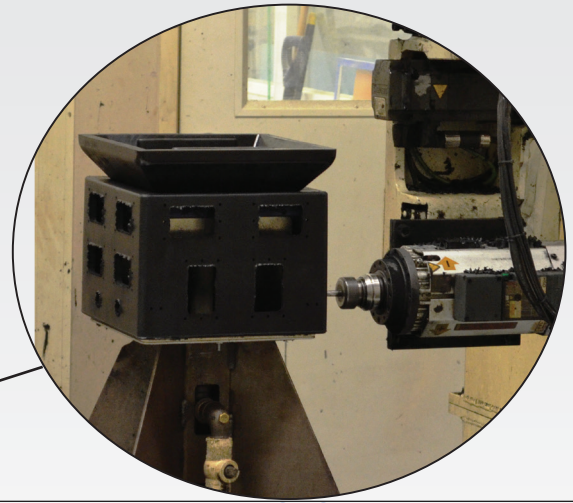
**PowerGATE™**  
Switches & Panels

**PowerFLEX™**  
Cable Assemblies

**PowerRACK™**  
Rolling Distribution Racks



**32 Amp Portable Distribution Dolly**



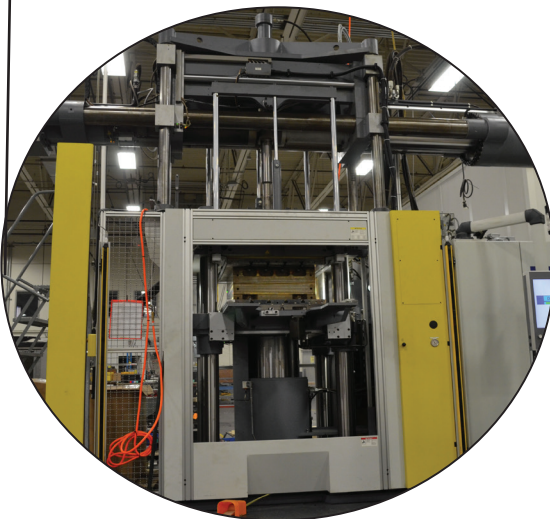
## Multi-Axis CNC Machining

Multi-Axis routers can custom create as many inputs and outputs as your power distribution unit needs.



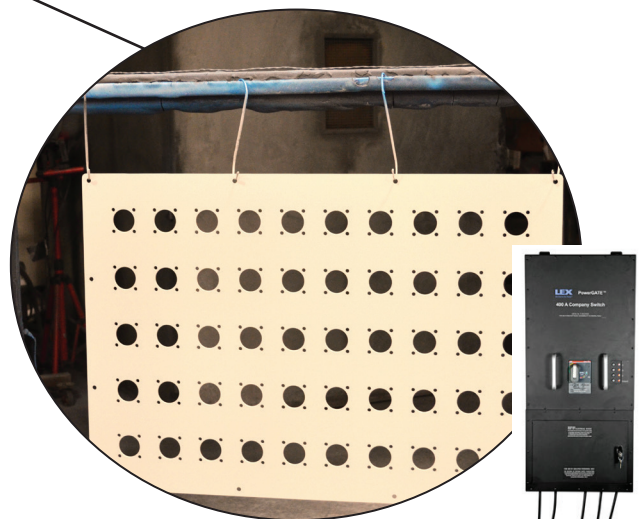
## Sheet Metal Fabrication

Sheet metal punches and presses that cut, stamp and shape a variety of dimensions in steel and aluminum.



## Rubber Box Molding Machine

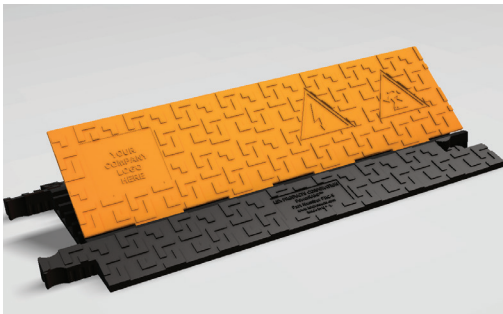
Our state of the art injection rubber thermoset molding machine allows complete control over the manufacturing process.



## Sheet Metal Finishing

Finish off a custom piece utilizing our powder coating capabilities and choose from an assortment of colors

## Other Products and Solutions



### PowerRAMP®

The PowerRAMP™ Crossover Cable Protection System delivers durability, safety and convenience with quality construction and materials designed to stand up to pedestrian and heavy vehicular traffic while protecting electrical cables and hoses. A deep 5-channel construction can accommodate up to 1.25 inch diameter cables or hoses, and a 1.625 inch center channel allows for up to #2 AWG Type SC 5-wire banded sets, unlike some competitive products with smaller channels. PowerRAMP™ Crossovers mate with major cable protector brands and products, carry a load capacity rating of 32,600 lbs. per axle and are constructed of UV stabilized, heavy-duty, non-conductive polyurethane materials, allowing for commercial, industrial, military and entertainment applications.



### LuxCommander™

Designed for use in harsh environments, LuxCommander™ Portable Work Lights are lighter in weight, more energy efficient than competitor products and deliver three times more light output than conventional fluorescent work lights for a brighter and safer worksite. LuxCommander™ Portable Work Lights are environmentally sealed for safe use in wet locations, equipped with feed thru wiring from easy daisy-chaining and are available in an optional 60-minute battery backup version. These lights are typically used in aircraft and aerospace applications, as well as shipyards, construction sites, temporary emergency shelters and anywhere powerful, portable lighting is needed.

Lex Products sales are coordinated through direct field sales locations as well as sales support staff in both the Shelton, CT and Sun Valley, CA locations. Territory sales are supported by an internal sales and support department to satisfy daily customer needs. In addition, Lex Products provides technical support for all of its products.



When you have the need for a custom engineered portable power distribution solution, call us! We welcome the opportunity to review your specific application needs and will work diligently with you to develop a customized solution that fits your needs in a timely fashion.



#### Lex Headquarters

15 Progress Drive  
Shelton, CT 06484

Main: (203) 363-3738  
Toll free: (800) 643-4460  
Fax: (203) 363-3742

#### Hours of Operation

8:30 a.m. - 5:00 p.m. EST  
Monday through Friday

#### Lex West

12701 Van Nuys Blvd., Suite Q  
Pacoima, CA 91331

Main: (818) 768-4474  
Toll free: (800) 643-4460  
Fax: (818) 768-4040

#### Hours of Operation

8:30 a.m. - 5:00 p.m. PST  
Monday through Friday



Lex Products  
15 Progress Drive  
Shelton CT 06484  
203.363.3738  
203.363.3742 Fax

Lex West  
12701 Van Nuys Blvd  
Suite Q  
Pacoima, CA 91331  
818.768.4474  
818.768.4040 Fax

[www.lexproducts.com](http://www.lexproducts.com)  
[info@lexproducts.com](mailto:info@lexproducts.com)  
800.643.4460

© Copyright Lex Products 2020

Produced in the United States of America  
All Rights Reserved.

Lex Products logo and [lexproducts.com](http://lexproducts.com) are  
trademarks or registered trademarks of Lex Products  
in the United States, other countries, or both.