



Mobile Hydraulics Solutions
Unsurpassed Inventory and
Industry Knowledge



Electronic Controls Manufacturing
25 + Years of Industry Leading
Electronic Controls



Hydraulic Valve Manufacturing
State-of-the-Art Mobile Solutions



**Liquid Production and
Application Systems**
Innovations in Snow & Ice,
Herbicide, and Dust Control



Fluid Conveyance Solutions
Kitting and Components for All Your Needs



**Mobile Resource
Management Systems**
Value Added Hardware and
Software Solutions

All The Capabilities You Need

Today's mobile hydraulic needs are broader and more complex than ever before. That's why FORCE America has expanded our capabilities to meet these evolving requirements. A look at our companies will show how we go beyond mobile hydraulics to provide all the resources you need to perform better and more efficiently.

FORCE America Companies

FORCE America

Mobile Hydraulics Solutions.
Unsurpassed inventory and
industry knowledge.



Electrical Controls Manufacturing

25 plus years of design and
manufacturing innovative,
industry leading,
electronic controls.



Hydraulic Valve Manufacturing

Design and manufacturing of a wide
variety of integrated mobile
hydraulic valve systems.



VariTech® Industries

Liquid product solutions for;
production, storage, transfer
and application systems.



Precise™ MRM

Advanced, GPS based vehicle
hardware and software
systems to monitor
mobile assets.



Heartland Technical Sales

Hose and fittings. Custom manufactured kits
and stock components
for all your needs.



With this widespread expertise, FORCE America gives you one resource for performing the most complex tasks with total convenience and simplicity.

America's Mobile Power and Control Leader

With 50-plus years of experience and 50,000-plus products, FORCE America is in an ideal position to serve you best. As the industry's leading innovator, we have the ability to take on your most demanding challenges and resolve them to your complete satisfaction. And if we don't have a product for a particular need, we will design, prototype and build one for you.

Specializing In A Variety of Markets FORCE America is a vital resource for industries ranging from snow and ice removal to OEM suppliers to the agricultural world. If you have an on or off-highway vehicle needing hydraulic power, control or tracking, we offer it. FORCE America serves customers in:

- Lawn and garden equipment
- Mining
- Concrete
- Marine lift and dredging equipment
- Fire trucks
- Construction
- Towing
- Airport ground support
- Service/utility trucks
- Oil fields
- Logging
- Trucking
- Railroad
- Garbage trucks
- Fleet vehicles
- And much more

The Latest Technology And The Talent To Maximize It

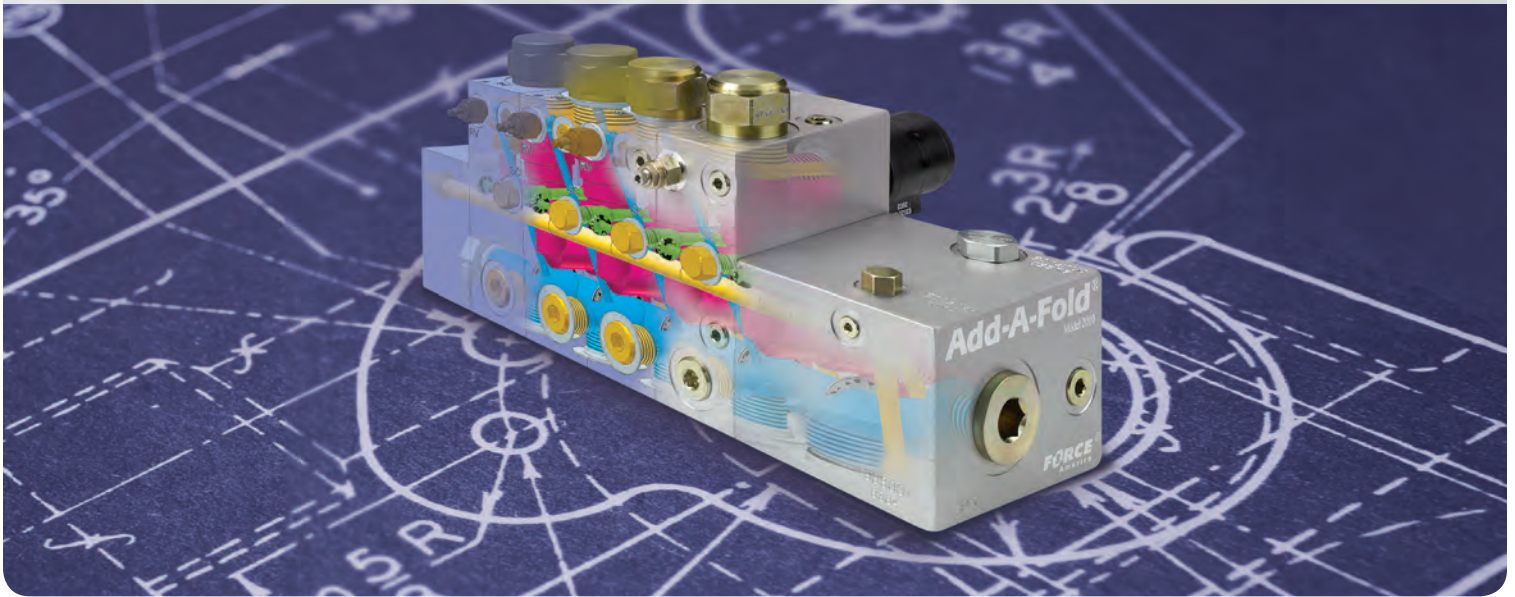
Today's ever-changing mobile markets require a supplier that anticipates your requirements and exceeds them through innovative design, efficient manufacturing and continuous product improvement. The key to achieving this is FORCE America's depth of technology, which includes:

- High-efficiency pressure and flow compensated pumps
- Integrated spool and cartridge valves
- Integrated hydraulic manifold solutions
- Multi-function control systems
- Fleet and resource management
- And much more

Our technology serves you to the fullest, thanks to dedicated specialists who deliver solutions that make your job easier and your equipment more efficient.



Engineered To Work Wonders



FORCE America employs the most experienced team of hydraulic, electrical, liquid dispensing, fabrication, software and system engineers. They're empowered by leading-edge 3D-CAD, advanced machining and proven design technologies. Combine all that with a wealth of

market experience and a customer-focused approach, and we have everything required to create your ideal solution ... from initial concept to final implementation. This shows in the way that FORCE America leads the industry in innovative and patented designs.



Electronic System Design

- Motion Control Systems
- Circuit Board Designs
- Custom Packaging
- Electrical/Mechanical Assembly
- Final Assembly and Testing
- Prototype/Performance Testing
- Software Design
- Wire and Cable Harnesses



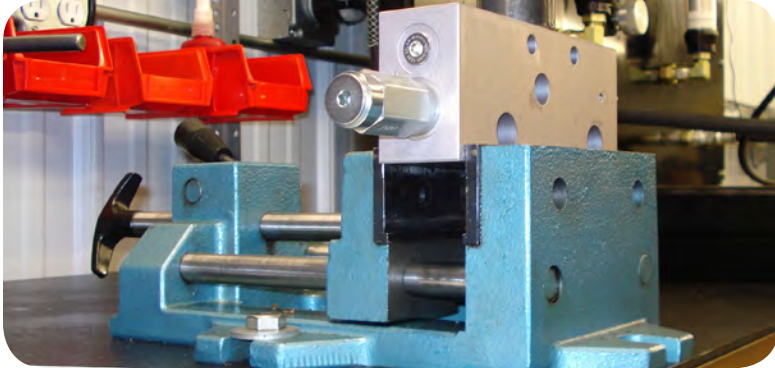
Mobile Resource Management Solutions

- GPS hardware
- Fleet activity information
- Leading-edge software and services



Hydraulic System Design and Manufacturing

- Fluid Power and Motion Control Expertise
- System Application Engineering



Integrated Hydraulic Circuit Manifold and Valve Manufacturing

- 3-D Solid Modeling
- Anodizing/Coatings
- Application-Specific Designs
- Cartridge Valves
- Integrated Hydraulic Circuit Manifolds
- Prototyping and Performance Testing
- CNC Machining
- 100% Quality Testing
- Contract Manufacturing



Liquid System Design and Manufacturing

- Anti-icing and De-icing
- Herbicide Spraying
- Dust Control
- Spray Bars and Nozzles
- Custom Poly Tank Design, Prototyping and Performance Testing
- Stock and Standard and Custom Application Solutions



Custom Hose and Fitting Assemblies

- Custom Kitting
- Fittings
- Couplers
- Adaptors

The Right Products...Right Now



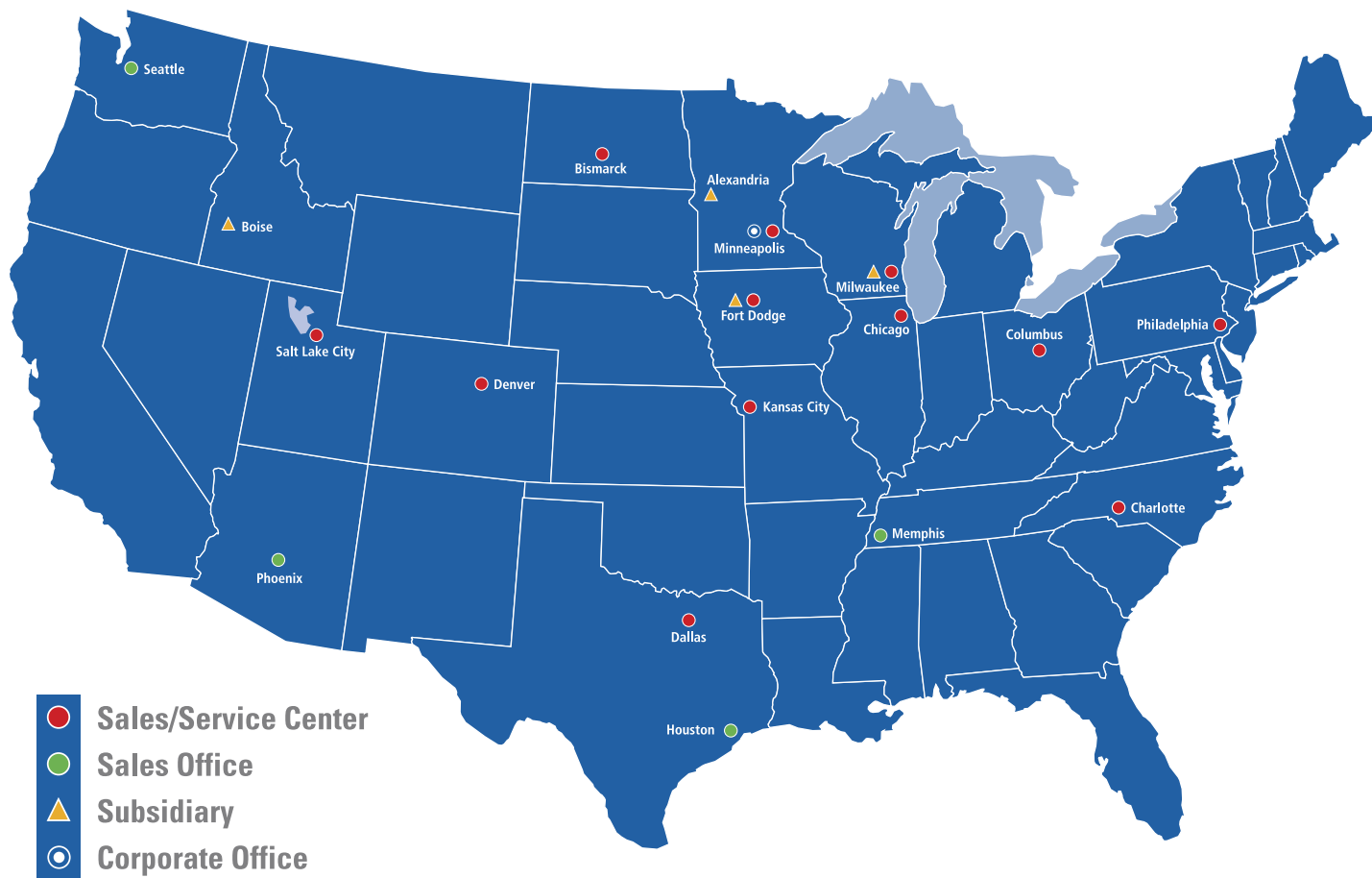
These days, you can't wait for the products you need. FORCE America has a reputation for responsive service ... thanks to 12 sales service centers/warehouses across the US, stocking over 50,000 products in inventory. We take a comprehensive approach that's unique to the

mobile on/off highway industry. With our manufacturing expertise, we can offer a number of product choices to deliver customized systems and parts. From a simple hose fitting to the most sophisticated electronic controls, and GPS systems, we have it all.

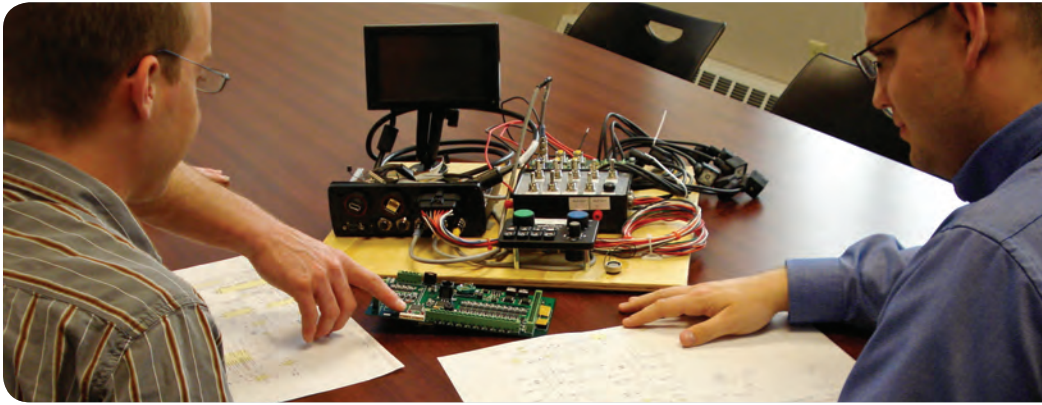
At Your Service...coast to coast

As equipment becomes more sophisticated, technical support is crucial. If you have a question, FORCE America's experienced representatives can help guide you through any application,

installation or specification. For more complex issues, one of our engineers is here to help. And to increase your efficiency, we offer a variety of technical training programs tailored to your exact needs.



Taking Ownership Of Your Needs



FORCE America employees are owners of the company, so everyone has a stake in ensuring your complete satisfaction with all products and services. There are many hydraulic variables that can affect performance.

But at FORCE America, you can be sure of one constant. Our people have the knowledge, experience and desire to give you exactly what you need to get the job done best.

Product From The Finest Names In The Industry

- | | | |
|--|------------------------------|------------------------------------|
| Airtac | Goodyear Tire and Rubber | Parker Hannifin |
| Apsco | Heartland Technical Sales | - Accumulator |
| Brand Hydraulics | Hedland Flo-tech | - Cartridge Valve |
| Brevini Group | Hub City | - Chelsea PTO |
| Cross Manufacturing | Hydro Leduc | - Commercial Valve/Pump |
| CW Mill Equipment Company, Inc. | Hydro-Tek | - Filter |
| Daman | ifm efector | - Gresen |
| Del Hydraulics | Internormen Filters | - Mobile Cylinder |
| Delavan | Lake Monitors | - Pioneer |
| Donaldson Filtration Products | Lenz | - Pumps/Motors |
| Eaton | Lodar | - Valve |
| - Char-Lynn | Love Joy Incorporated | PreCise Mobile Resource Management |
| - Eaton | Magnaloy | Prince Hydraulics |
| - Vickers | Magnetek Enrange | Safeway Hydraulics Incorporated |
| - Weatherhead | Metro Hydraulics | Salami |
| Eskridge Gear | Morse | Stucchi USA |
| FGP Gear Pumps | Neapco Driveline | Thermal Dynamics International |
| Flow Ezy Filters | Noshok Inc. | Thermal Transfer Products |
| FORCE America | Ogura Industrial Corporation | Tulsa Winch |
| FORCE America Electrical Manufacturing | Oilgear | VariTech Industries |
| FORCE America Valve Manufacturing | OMFB | Wescon Products Company |
| | Omni Gear | Williams Controls |
| | | Yuken |
| | | Zinga Industries |



Customer Comments

"We buy from FORCE America because of the people behind the products. The people in their Illinois branch are experts in the application of their products and are always willing to go out of their way to be helpful and informative. Whether dealing with matters of price, availability or engineering, they are always working on our behalf to promote the smooth and efficient operation of our business interests. FORCE America is a true asset to our business."

P.B., Owner, Truck Equipment Company



"Our counties fleet has been using FORCE America hydraulics and controllers since 2003. We continue to do business with FORCE America because of the quality of the equipment and superior service support. It is very apparent that the customer is always the number one consideration when dealing with FORCE America. We continue to use FORCE America products for the consistency in quality it brings to our fleet."

D.G., Director, Fleet Management, County Highway Department



"We have worked with FORCE America for almost 20 years. They provide an excellent product at a great price, are always a phone call away if there's a problem, and perhaps more important, they've acted as a true partner on many of our R&D projects. The word "partner," really sums it up for us. We truly think of them in that way, rather than as just a traditional vendor."

J.W., Owner, Manufacturing Company



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