

# Sturdy stabilization for tough terrains

Our stabilization systems help your rough-terrain equipment gain maximum performance without sacrificing safety and productivity. Our stabilization systems' smooth extension flow rate gives you a safe, steady lift. As a result, you can quickly level your equipment, lock the system in place and start working.

## Stabilization System Components

### STABILIZATION LEGS

Our unique stabilizer leg designs, which have no dismantling or reassembly time, are available in standard and heavy-duty formats. Integrated load-holding valves with mechanical locks provide stability and safety, even if accidental damage occurs while the leg is under load. In addition, an individually operated valve bank allows the legs to work separately or together, giving your team more control and flexibility.

#### Standard stabilization leg features:

- 3- to 6-inch bore size
- 16,000- to 70,000-pound load rating
- Integrated valve block which offers:
  - Reduced assembly time
  - Positive load holding even if a line, tube, or fitting is damaged
  - Minimized potential for catastrophic failure
  - A counterbalance valve for overload protection
- SAE fittings for reduced leak potential
- Tube-in-tube cylinder body design helps prevent rock, dust, or debris contamination
- Back mounting plate for ease of installation (optional corresponding mounting plates are available)
- Range of replaceable shoe sizes - from 10 to 16 inches with up to a 10-degree swivel
- Matches or exceeds the life cycle of any crane



#### Heavy-duty stabilization leg features:

- 5- to 6-inch bore size
- 12-, 18-, 24- and 36-inch stroke options
- 58,000- to 85,000-pound leg capacity
- 115,000- to 170,000-pound mechanical load holding
- Up to a 20% side-load capacity, based on stroke.
- 14, 20-degree swivel shoe options
- 11- and 25.5-inch mounting plate options
- 5 GPM maximum flow rate

### OUTRIGGERS

For increased productivity or higher payloads, install our outriggers in the front or rear of your vehicle. Power-Packer outriggers provide stability with 100% capacity all around the lift zone. With a split collar and SAE-certified ports, our outriggers can be mounted virtually anywhere and offer reduced leak potential. Add in our dual counterbalance valves, and you now have an added level of overload protection.

#### Outrigger features:

- Single out, dual out and double-stack designs
- 15-, 18-, 21- and 25-inch stroke options
- 25-, 35-, 45- and 55-inch extension distances
- Designed to work with standard class 1-6 trucks or a class 7 commercial truck, depending on the crane rating.
- Capable of stabilizing any crane with up to an 87,000-foot-pound rating

## CYLINDERS

Repeatedly lifting and lowering equipment means you need cylinders designed for high duty-cycle. Power-Packer cylinders have an optional orifice-flow control to manage speed and ensure a smooth descent. For easier hose routing and installation, our fixed return tube allows retracting and extension ports to be in the same location. Choose from various stroke, bore, and mounting configurations to fit numerous applications.



### Cylinder features:

- 6- to 23-inch standard stroke lengths
- 1.5- to 2.5-inch bore diameters
- 3,500 PSI maximum operating pressure
- Single- and double-acting design

## CHOOSE A COMPLETE POWER-PACKER SYSTEM

Power-Packer's complete stabilizer system supports different types of equipment on your construction site, so you can consolidate vendors and reduce production lead times. Seamlessly integrate select components into a pre-existing hydraulic circuit, or take advantage of our self-contained system for peak efficiency.

## Additional System Components

### CONTROL BOXES

An optional addition to your Power-Packer System, our control boxes include a pump motor, reservoir, filter, and valves for all-in-one operation. Choose electric or gas power, patented flow-restrictor controls and an oil reservoir with a leveling gauge. Our control boxes easily integrate into your hydraulic system for added efficiency. When combined with our stabilizer or outrigger systems, you minimize the need for adjustment. You also have the option of isolating the hydraulic circuit for increased safety and performance.

### Control box features:

- 0 to 6 valve options
- 6.5- or 11-gallon reservoir options
- 12-, 24- and 575-volt driven or gas-driven options



### PUMPS AND LATCHES

Have an existing electric pump? Plug in our valve blocks, and you can control our stabilization legs onsite or remotely. Consider upgrading any existing pumps to our electric pumps for improved automation and efficiency. In addition, our industry-leading latches can be added to any system for increased safety.



**Contact us:** Need help with specifying the parameters of your system? Technical support questions? Are you looking for complete installation or service manuals? Maybe you need instructional videos or answers to frequently asked questions? Our subject matter experts understand your application and are here to serve as a valued partner. To learn more, visit [powerpackerus.com](http://powerpackerus.com) or email [info@powerpackerus.com](mailto:info@powerpackerus.com).

Power-Packer engineers and manufactures a robust, innovative line of hydraulic position and motion control products that have become the gold standard in excellence for tilting, latching, leveling, lifting, and stabilizing systems used in many of today's most demanding markets. We have headquarters in the Netherlands and the U.S. and manufacturing plants strategically located worldwide. So no matter your application, design challenge, or geographic location, Power-Packer engineers can work with you to develop the right custom hydraulics solution to help you and your employees work smarter and safer.