

POWER-PACKER®

OFF HIGHWAY



HYDRAULIC STABILIZING SYSTEMS

Power Gear® hydraulic leg assemblies have been designed to withstand severe operating elements and continue to provide years of trouble free operation.

AN
Actuant
COMPANY

www.actuant.com

Power-Packer® is dedicated to meeting the needs and challenges of today's global customers through engineered solutions, Lean Manufacturing Processes, and quality systems. We have been manufacturing position and motion control activation systems for over 30 years. Power-Packer® is making the operation of equipment and vehicles easier, safer, and more economical for end users around the world.

CONTROL OPTIONS

System Control Boxes



- Self-contained power source — valves, oil reservoir with level gauge, breather cap and oil drain port
- Various power supplies available
- All control systems include patented flow restrictors for controlled retraction of legs
- **“Power Beyond”** available with all control boxes*

Power Supply	Part No.	No. of Valves	Reservoir Size
12 Volt	300214	1	6.5 gallons
	300215	2	
	300216	3	
	300217	4	
	300218	5	
	300219	6	
24 Volt	300250	1	6.5 gallons
	300251	2	
	300252	3	
	300253	4	
	300254	5	
	300255	6	

Power Supply	Part No.	No. of Valves	Reservoir Size
110/220 VAC	300313	1	6.5 gallons
	300314	2	
	300315	3	
	300316	4	
	300317	5	
	300318	6	
220/440 VAC	300349	1	6.5 gallons
	300350	2	
	300351	3	
	300352	4	
	300353	5	
	300354	6	

Gasoline Power Unit



- Independent power allows for fast, trouble free equipment set-up.
- Power — Gas electronic ignition engine has 12 VDC starter system. Meets all EPA emissions standards. Complete with battery and charging system. (Engine also supplied with backup manual pull start.)
- Hydraulic Reservoir — Made from heavy-gauge steel. Features a sight gauge for oil level of tank and spin-on filter for easy field service

GPM	Part No.	Reservoir Size
3.5 GPM @ 3600 RPM	300600	11 gallons

Hydraulic Valve Assemblies



- One to six bank valves available
- All Power Gear® valves use motor spool configurations to optimize leg features
- Integral flow control valves added to provide controlled lowering
- **“Power Beyond”** available with all valve assemblies*

No. of Valves	Part No.
1	3025-1
2	3025-2
3	3025-3
4	3025-4
5	3025-5
6	3025-6

****“Power Beyond” and Closed Center** auxiliary valves allow the addition of auxiliary cylinders to use our power supply.

HYDRAULIC STABILIZING LEGS



- **Non-exposed Rods:** will not rust, corrode, dent or scratch
- **Thru-the-rod Resign:** no external transfer tube to bend, dent or break
- **Integral Pilot Operated Lock Valve:** the leg is locked into position even if the hydraulic system malfunctions
- **Compact Leg Designs:** maximum strength and lifting capacity from small efficient designs
- **Integral Shoe Design:** cup shoe design produces stability and minimizes penetration
- **Ease of Maintenance:** lock valves are repairable without removing the leg
- **Parts Availability:** same day availability on leg and lock valve repair kits

Leg Capacity	Part No.	Stroke	Bore	Overall Height	Mounting Height	Stiff Leg
10,000 lbs.	2010-18	18"	3"	28"	23	no
16,000 lbs.	2014-18	18"	3"	30"	25	no
16,000 lbs.	2012-25	25"	3"	37"	32.50"	no
24,000 lbs.	300071	15"	3.5"	27.60"	24.68"	no
	300074	20.5"	3.5"	34.53"	29.44"	no
	300076	24.5"	3.5"	39.35"	33.38"	no
	300301	20.5"	3.5"	34.53"	29.44"	yes
	300305	24.5"	3.5"	39.35"	33.38"	yes
31,000 lbs.	300090	15"	4"	27.19"	24.69"	no
	300079	20.5"	4"	34.53"	29.44"	no
	300081	24.5"	4"	39.35"	33.38"	no
	300157	36"	4"	53.03"	34.94"	no
	300292	20.5"	4"	34.53"	29.44"	yes
300293	24.5"	4"	39.35"	33.38"	yes	
49,000 lbs.	300463	18"	5"	35.75"	19.69"	no
	300464	24"	5"	42.75"	19.69"	no
	300465	36"	5"	57.75"	19.69"	no
	300487	18"	5"	35.81"	24.05"	yes
	300488	24"	5"	42.81"	24.05"	yes
300490	36"	5"	57.81"	24.05"	yes	
70,000 lbs.	300050	18"	6"	35.43"	27.10"	no
	300084	24"	6"	42.43"	27.10"	no
	300137	36"	6"	59.95"	27.10"	no
	300184	18"	6"	35.43"	27.61"	yes
	300431	24"	6"	42.43"	27.61"	yes
300439	36"	6"	57.95"	27.61"	yes	

NOTES:
Mounting height is measured from top to bottom of shoe to the center of the top mounting plate hole.
Scale drawings of individual legs are available upon request.



"STIFF LEGS" Only Power Gear® offers an optional stiff leg for all of their 3.5" through 6" bore leg assemblies. The stiff leg works as a secondary locking device.

Leg chart defines standard leg design. MANY other stroke legs are available. Consult your sales representative for price and availability.

Mounting Plates



Leg Capacity	Part No.	Bore
10,000-16,000 lbs.	200007	3"
24,000 lbs.	100502	3.5"
31,000 lbs.	100226	4"
49,000 lbs.	100226	5"
49,000 lbs. (w/stiff leg)	300500	5"
70,000 lbs.	300035	6"
70,000 lbs. (w/stiff leg)	300165	6"

Power-Packer® is
a worldwide leading
supplier of motion
control systems
in the following
global markets:

Automotive

Truck

OFF HIGHWAY

Patient Handling

Marine

Agriculture

Recreational Vehicles

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