

POWER-PACKER®

TRUCK



AIR-POWERED HYDRAULIC LANDING GEAR

The Power Gear® system eliminates the back-breaking hand cranking of conventional landing gear and allows the maximum utilization of manpower and equipment to move, load, and unload trailers.



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.

LANDING GEAR SYSTEMS

Front Mount System



Power Gear® front mount systems are mounted to the existing trailer wing plates.

- Provides for fast, efficient trailer coupling or uncoupling, particularly under heavy loads
- Levels trailer on uneven ground
- Reduces potential of operator injury
- Reduces damage to fifth wheel and trailer

Rear Mount System



Power Gear® rear mount systems are usually mounted between the rear dual tires on high cube, drop frame trailers. (E-vans)

- Lifts trailers (up to 78,000 lbs.) to match dock height
- Increases opportunities for backhaul revenues
- Ensures level surface between dock and trailer
- Maximizes material transfer time

SYSTEM COMPONENTS

Control Box

Converts the emergency brake air supply (100 psi) into 50,000 or 78,000 lbs. of reliable lifting power.

Auto Booster

- Automatically extends legs at the push of a button
- Fast, easy to operate

Standard/Heavy-Duty

- Extends legs using manual handle operation
- Standard control box — 50,000 lb. capacity, heavy-duty — 78,000 lb. capacity



Auto Booster

Lifting Capacity	Part #	Auto Booster Option
50,000 lbs	100104	No
78,000 lbs	100106	No
78,000 lbs	101076	Yes

Leg Assemblies



- **Non-exposed Rods:** will not rust, corrode, dent or scratch
- **Thru-the-rod Design:** 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

Lifting Capacity (each)	Part No.	Stroke	Bore	Overall Height	Mounting Height
25,000 lbs.	100539	15	3.5	27.63	24.68"
	100459	16.5	3.5	29.13	26.18"
	100443	19.5	3.5	32.13	29.18"
	100439	20.5	3.5	34.56	29.44"
	100449	20.5	3.5	34.56	34.38"
	100344	24.5	3.5	39.38	33.38"
37,500 lbs.	100859	16.5	4	29.13	26.18"
	100861	19.5	4	32.13	29.18"
	100510	20.5	4	34.56	29.44"
	100506	20.5	4	34.56	34.38"
	100946	24.4	4	39.38	33.38"

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

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

Installation Kit



Lifting Capacity	Part No.	Bore
25,000 lbs.	100417	3.5"
37,500 lbs.	100417	4"

Includes all necessary hoses, fittings, connectors and hardware.

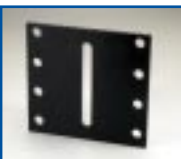
Split Collar Assemblies



Lifting Capacity	Part No.	Bore
25,000 lbs.	100346	3.5"
37,500 lbs.	100348	4"

Required for bracing of leg assembly.

Matching Mounting Plates



Lifting Capacity	Part No.	Bore
25,000 lbs.	100502	3.5"
37,500 lbs.	100226	4"

Engineered for ease of installation if correct mounting points are not present.

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

Automotive

Off highway

TRUCK

Patient Handling

Marine

Agriculture

Recreational Vehicles

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