▼ Shown: **PL20025-ASA** and **PL20014-ASA**



# Efficient Lifting with Continuous Automatic Load Locking

- **Provides continuous locking protection during lift, lower and hold functions**
- **Patent-pending control technology synchronizes cylinder and lock nut for smooth and efficient lifting and lowering**
- **Unique double-acting cylinder offers a low collapsed height to accomodate more lifting applications**
- **Simple 2-button pendant allows operation of raise and lower functions from up to 6,1 metres away**
- **All load-bearing cylinder components have a nitrocarburized treatment to improve wear characteristics and resist corrosion**
- **Ergonomic handle has six positions for comfortable handling and folds when not in use**
- **Meets ANSI/ASME B30.1-2015, AS/NZS-2538, AS/NZS-2693 certification criteria.**

**POW'R-LOCK™ Self-Locking Lift System**

Only the POW'R-LOCK™ Lift System provides continuous positive locking of the load through all stages of lifting and lowering. No operator intervention is required to activate or de-activate the automatic locking system.

Two different stroke lengths are available. Both models are powered by an external compressed air system (user-supplied).

A convenient two-button pendant controls operation of the Lift System's air motor and directional control valve.

**Tilt Load Cap**

All POW'R-LOCK™ Lift System models feature a Tilt Load Cap to reduce side-loading.

**Safety First**

When lifting large, heavy vehicles certain precautions must be followed. Follow your published safety directions for lifting and cribbing your loads. The Pow'R-LOCK™ Lift System provides load/lock protection, but you must follow the safety directions for load cribbing operations.



◄ *The PL-Series POW'R-LOCK™ Portable Lift System.*

## Accessories

**Flat Load Cap** – Non-tilt load cap has lower profile for tight lifting spaces.

**Spacers** – Minimize gap between load cap and lifting point to maximize hydraulic stroke of the jack.

**Extensions** – Stackable, with large alloy steel locating studs to resist effects of side-loading.

**Extension Base Adapter** – Extension Base Adapter design eliminates risk of improper stacking when using more than one extension.

## PL Series

Rated Lifting Capacity:
## 181 ton

Stroke:
## 356 - 622 mm

Maximum Operating Pressure:
## 700 bar

| | Model Number | Description | Height (mm) | PL20014-ASA | PL20025-ASA |
|---|---|---|---|---|---|
| | PLC1 | Flat Load Cap | 34 | x | x |
| | PLS1 | Spacer | 26 | x | x |
| | PLS2 | Spacer | 51 | x | x |
| | PLE5 | Extension | 127 | x | x |
| | PLE7 | Extension | 178 | x | x |
| | PLE9 | Extension | 229 | x | x |
| | PLE11 | Extension | 280 | x | – |
| | PLE14 | Extension | 356 | x | – |
| | PLB12 | Extension base adapter | 305 | x | – |

**WARNING!**

**PLE11** and **PLE14** Extensions and **PLB12** Extension Base Adapter are to be used with the "short" model **PL20014-ASA** only. Use of these extensions on the "tall" model **PL20025-ASA** will result in an excessive maximum lifting height. Load could become unstable and drop, resulting in possible personal injury and/or property damage.

| Model Number | Maximum Additional Stack Height * |
|---|---|
| PLS20014-ASA | 712 mm |
| PLS20025-ASA | 229 mm |

* Using optional PLB and PLE-Series extensions and PLS-Series spacers. Load cap height is NOT included in the stack height.
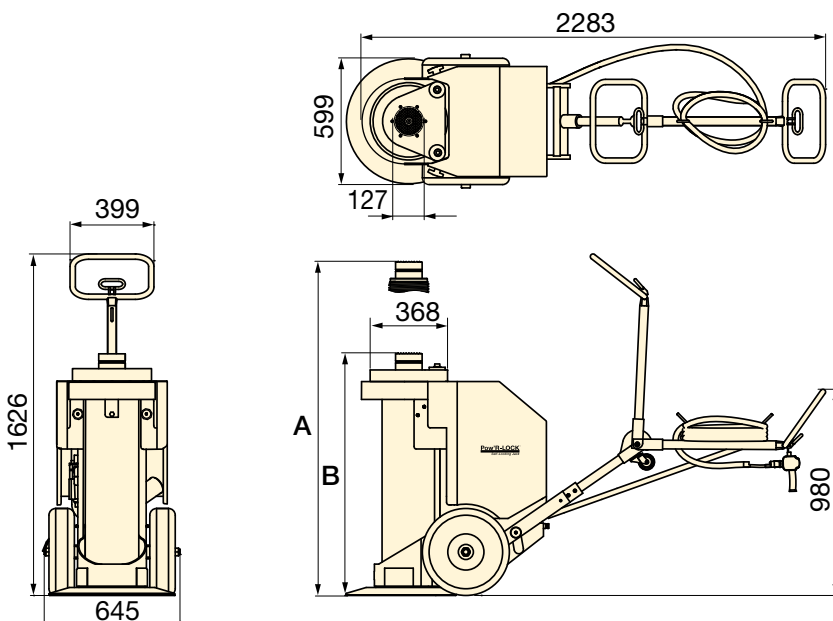
**PR-Series, POW'R-RISER® Mobile Lifting Jack**

When automatic load-locking is not required, the POW'R-RISER® jack provides a mobile lifting solution.

2283
599
127
399
1626
645
368
A
B
980

| Capacity ton (kN) | Stroke (mm) | Model Nr. with Air Pump | Cylinder Lifting Speed [1] (mm/min) | | Recommended Air Supply [2] | | A [3] (mm) | B [3] (mm) | (kg) |
|---|---|---|---|---|---|---|---|---|---|
| | | | Load | No Load | (l/min) | (bar) | | | |
| **181** | 356 | **PL20014-ASA** | 51 | 61 | 3681 - 4247 | 3,8 - 6,9 | 1219 | 864 | 501 |
| (1779) | 622 | **PL20025-ASA** | 51 | 61 | | | 1778 | 1156 | 599 |

[1] Depending on available airflow, regulator setting, pump speed and load weight.

[2] Minimum dynamic air pressure of 3,8-4,1 bar. 6,2-6,9 bar required to achieve 1779 kN capacity.

[3] Height A and B are with Swivel Load Cap installed. Subtract 51 mm if flat load cap is used.