

FEATURES

STANDARD

|   |  |
|---|--|
| E-Coat Corrosion Protection                         | Bushing and Grease Fitting at all Pivots |
| Galvanized Wear Items: Column Wrap & Chain-Arms     | Dock Loading Bottom Stops                |
| Quick Change Runner Switch Harness                  | Master Power Disconnect Switch           |
| Plug-n-Play LED Tail Light Harness                  | UHMW Dock Bumper Pad                     |
| Bolt-on Column Wraps (Replaceable)                  | Built-in Pressure Gauge                  |
| Enclosed Power Unit with Battery Kit & Hanger Frame | Built-in Voltage Gauge                   |
| Manifold Hose Connections at Liftgate and Pump      | Slide Pads                               |
| Adjustable Platform Chains                          | Dual Pump – PTV55 & 66                   |
| Hardened Stainless Steel Pins                       |  |

OPTIONS

|  |                                      |
|--|--------------------------------------|
| Full Galvanized Finish                                   | Trailer Charges                      |
| Cart Stops   | Solar Chargers                       |
| 16" ARR – Aluminum Retention Ramps                       | Hand Held Remote: Coil Cord          |
| Platform Warning Lights                                  | Hand Held Remote: Wireless Bluetooth |
| Bolt-on Kit: Stainless Steel or Mild Steel, Black or Raw | Dock Seal Header Kits                |
| Hose Kits: 3', 9', 18', 27'                              | Dock Seal Header LED Flood Light Kit |
| Truck Charge Kit   | Anti-Slip Platform Surface           |
| Trailer Charge Kit                                       | Dual Pump – PTV35 & 44               |
| Dual Nose Box  |                                      |



TECHNICAL DATA



PTV LIFTGATES

| PTV VERTICAL DIRECT LIFT  |                  |                   |                    |                        |                       |                       |
|---|------------------|-------------------|--------------------|------------------------|-----------------------|-----------------------|
| PTV   | LIFTING CAPACITY | PLATFORM SIZES    | BED HEIGHT RANGE** | WEIGHT INSTALLED STEEL | WEIGHT INSTALLED ALUM | APPROX. INSTALL HOURS |
| PTV-series – Standard E-Coat Vertical Lift for severe duty applications<br>Standard PTV Liftgate includes pump box, hanger brackets, and room for 3 batteries |                  |                   |                    |                        |                       |                       |
| PTV 35  | 3500             | 42 × 80 + 16 ARR* | 46" to 56"         | 1770                   | 1666                  | 8                     |
|   | 3500             | 60 × 80 + 12      | 40" to 56"         | 2082                   | 1853                  | 8                     |
|   | 3500             | 72 × 80 + 12      | 46" to 56"         | 2149                   | 1911                  | 8                     |
|   | 3500             | 84 × 80 + 16 ARR* | 46" to 56"         | 2147                   | 1924                  | 8                     |
| PTV 44  | 4400             | 42 × 80 + 16 ARR* | 46" to 56"         | 1770                   | 1666                  | 8                     |
|   | 4400             | 60 × 80 + 12      | 40" to 56"         | 2082                   | 1853                  | 8                     |
|   | 4400             | 72 × 80 + 12      | 46" to 56"         | 2149                   | 1911                  | 8                     |
|   | 4400             | 84 × 80 + 16 ARR* | 46" to 56"         | 2147                   | 1924                  | 8                     |
| PTV 55  | 5500             | 60 × 80 + 12      | 40" to 56"         | 2095                   | 1862                  | 8                     |
|   | 5500             | 72 × 80 + 12      | 46" to 56"         | 2162                   | 1919                  | 8                     |
|   | 5500             | 84 × 80 + 16 ARR* | 46" to 56"         | 2160                   | 1932                  | 8                     |
| PTV 66  | 6600             | 60 × 80 + 12      | 40" to 56"         | 2095                   | 1862                  | 8                     |
|   | 6600             | 72 × 80 + 12      | 46" to 56"         | 2162                   | 1919                  | 8                     |
|   | 6600             | 84 × 80 + 16 ARR* | 46" to 56"         | 2160                   | 1932                  | 8                     |

Bed height ranges: min = loaded / max = unloaded  
\* ARR = Aluminum Retention Ramp  
\*\* Models with optional ARR require 6" less floor height than units with a 12" fixed ramp when dock loading

SERVICE

In addition to innovations and advanced technology, we believe excellent service after the sale in an essential component of our customers’ success. That’s why we have more than 800 sales and service centers, 14 PALFINGER fully-owned sales and service locations, plus a fleet of 100+ mobile field service trucks—all conveniently located across North America to provide our users with exceptional support and dedication.

WARRANTY

When you choose PALFINGER, you get more than advanced technology. You partner with a trusted brand that’s committed to building your business. Our PTV Liftgates offer a 3 Year Warranty on the Pump and Motor, Cylinders, Hardware, Control System and Hydraulics—giving you the peace of mind you need to focus on the job ahead.



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PALFINGER reserves the right to modify, change or revise published specifications and furnish products so altered without prior notice.

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PALFINGER LIFTGATES  
PTV COLUMN LIFT

Solutions that do the heavy lifting.

LIFETIME EXCELLENCE



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PTV LIFTGATE

INNOVATIONS

The all new PTV Liftgate stands up to the stress of daily use and helps keep your trucks on the road. The dynamic redesign is based on customer feedback and enhances structure, performance, ease of use, installation and maintenance. Together with PALFINGER'S world-class service, the PTV Liftgate delivers more uptime with less maintenance, longer service life and lower cost of ownership—all to lift your business to new heights.



DURABLE, LIGHT-WEIGHT CONSTRUCTION

**COLUMN** features two-piece construction with bolt-on column wrap and is designed to stand up against docking and undocking.

**PLATFORM** comes in aluminum and steel options.

**HYDRAULICS** include hard lines that connect curbside and street-side manifold blocks, plus a protective cover on closing hoses.

**ADVANCED TECHNOLOGY SUPPORT**

The PTV Liftgate is equipped with a control system that includes built-in diagnostics to greatly reduce trouble shooting lead times.

**APPEARANCE**

Clean, modern design to match today's delivery vehicles.

RUST & DAMAGE PREVENTION

Bolt-ons are galvanized and e-coated prior to assembly for maximum protection and rust resistance. The UHMW impact bumper redirects dock impact force to the frame.

EASE OF USE

The new design allows walk ramp installation without modification to the traverse assembly and features repositioned bottom stop hooks for better clearance and positive engagement.

SERVICEABILITY

Standardized dimensions and a common parts design mean that your shop can quickly assist you if you need repairs.

E-COAT CORROSION PROTECTION

PALFINGER'S 12 step electrophoretic deposition dip process cleans each steel component and applies primer to the metal surfaces, ensuring complete coverage and automotive grade corrosion protection.



HIGHLIGHTS



BUSHINGS & GREASE ZERKS

**CUT DOWN ON COSTLY REPAIRS**

Grease zerks are built to pack in grease to minimize greasing needs and go the distance. High performance perforated bushings and grease zerks come standard and are located at all pivot points.



TUBE LASER CUT RUNNERS

**INCREASE STRENGTH & SIMPLICITY**

High tensile runner tubes are laser cut for maximum precision and optimized strength while minimizing weight. Universal upper slide pads with permanent fixed clip on the bottom for easy maintenance. Slide pads feature a new design and are made from new material for even longer life.



ALUMINUM PLATFORMS

**DELIVER INCREASED PAYLOAD**

PALFINGER aluminum platforms come standard with massive galvanized steel side bars, greaseable pivot points and bolted aluminum extrusions.



STANDARD H/D PUMP & MOTOR BOX

**MINIMIZE MAINTENANCE & DOWNTIME**

The heavy-duty steel enclosure is shipped complete with hanger brackets, non-corrosive aluminum lid, and all components needed for mounting batteries. Every enclosure is pre-wired with a master shut-off switch and re-settable 175 amp circuit breakers, plus pre-filled with biodegradable multi-temp hydraulic fluid for temperatures from -50°F to 150°F.



SMART CONTROLS READY FOR TELEMATICS

**MAKE YOUR EQUIPMENT SMARTER**

The Control System with built-in visible diagnostics provides the status of your lift and can assist you with quickly diagnosing low voltage, as well as other problems. Other features include built-in cycle counting and a re-settable service counter. The system can utilize today's telematics technology to provide feedback to fleet management through your truck's CAN bus system.



POWER PACK

**WE'VE GOT YOU COVERED**

PC board is mounted in a heavy-duty hinged rubber enclosure for added protection and easier visibility. A standard back up 3-button remote control with a 20 foot cord for all functions is included in the power pack for fast testing and service, or in emergency situations.

ENHANCEMENTS



COLUMN WRAP

**PROVIDES SUPERIOR STRENGTH & ALIGNMENT**

The bolt-on column wrap transmits dock impact force directly to the trailer frame instead of deforming the columns. The galvanized finish won't chip or rust. Plus, proven airgap design provides the ultimate column protection compared to traditional welded wrap column designs.



COLUMN DESIGN

**WITHSTANDS TOUGH CONDITIONS**

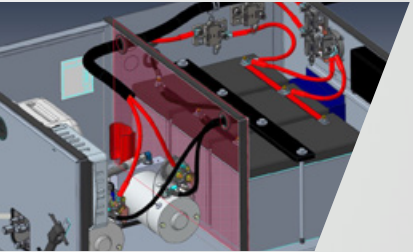
Our stronger column design features two formed pieces that stand up to dock abuse better but without added weight. Space inside columns protects wiring and hydraulics, providing longer service life and ease of maintenance.



BOLT-ON BRACKET DESIGN

**SIMPLIFIES MOUNTING & INSTALLATION**

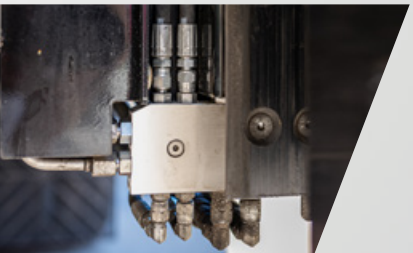
The improved button and key-hold design allows the gate to more easily be placed on a truck or trailer and eliminates the need for a separate column weldment for a bolt-on application. That means less downtime when a gate needs to be changed out.



BATTERY BOX ENHANCEMENTS

**INCREASE RELIABILITY & SAFETY**

Additional pre-installed and pre-routed components in the battery box deliver more reliability and safety than ever before while reducing installation errors. Safer battery cable routings and relocated circuit breakers provide a safer and neater box assembly. Plus, the addition of identification labels makes for easier troubleshooting.



HYDRAULIC ENHANCEMENTS

**DELIVER EXCEPTIONAL DURABILITY & A MORE ROBUST SYSTEM**

The addition of hydraulic hard lines provides more durability compared to hoses and less chance of getting snagged on an obstruction. A protective cover over open and close hoses extends service life, and extra guards for hard lines protect them from damage and keep them out of view.