

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 35	3500	42 x 80 + 16 ARR*	46" to 56"	1770	1666	8
	3500	60 x 80 + 12	40" to 56"	2082	1853	8
	3500	72 x 80 + 12	46" to 56"	2149	1911	8
	3500	84 x 80 + 16 ARR*	46" to 56"	2147	1924	8
PTV 44	4400	42 x 80 + 16 ARR*	46" to 56"	1770	1666	8
	4400	60 x 80 + 12	40" to 56"	2082	1853	8
	4400	72 x 80 + 12	46" to 56"	2149	1911	8
	4400	84 x 80 + 16 ARR*	46" to 56"	2147	1924	8
PTV 55	5500	60 x 80 + 12	40" to 56"	2095	1862	8
	5500	72 x 80 + 12	46" to 56"	2162	1919	8
	5500	84 x 80 + 16 ARR*	46" to 56"	2160	1932	8
PTV 66	6600	60 x 80 + 12	40" to 56"	2095	1862	8
	6600	72 x 80 + 12	46" to 56"	2162	1919	8
	6600	84 x 80 + 16 ARR*	46" to 56"	2160	1932	8

PTV-series – Standard E-Coat Vertical Lift for severe duty applications
Standard PTV Liftgate includes pump box, hanger brackets, and room for 3 batteries

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 is 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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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

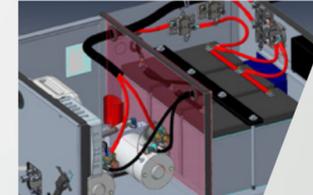
Our stronger column design features two formed pieces that stand up to dock abuse better but without added weight. Space inside columns protects wiring and hydraulics, providing longer service life and ease of maintenance.



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.