HOLLAND LIFTGATES

EXCEED PERFORMANCE AND LONGEVITY REQUIREMENTS WITH HOLLAND LIFTGATES
The original Truck Master® liftgate was developed in Canada to outperform competitive liftgates in harsh winter conditions. In 1981, Holland started production of the Truck Master line at its Norwich, Ontario facility. The years that followed brought expanded product lines with a focus on durability and dependability. Holland Truck Master went on to become the preferred liftgate by fleets in the Canadian market due to its proven performance, especially in cold weather conditions.

In 2004, The Holland Group introduced its liftgate line into the U.S. market. With the merger of SAF and The Holland Group in 2007, our U.S. liftgate offering was strengthened further with rapid advancement of our customer and product support networks. Today, HOLLAND Liftgates are one of many SAF-HOLLAND products that serve U.S. and Canadian commercial transportation fleets.

YESTERDAY
In 1963, Holland Hitch expanded its North American presence with the incorporation of Holland Hitch of Canada.

TODAY
SAF-HOLLAND supplies high-quality components and systems for trailers, semi-trailers, trucks, tractors, buses, and recreational vehicles. In addition to liftgates, we offer axle and suspension systems, fifth wheels, pintle hooks, drawbars, kingpins, and landing gear. When it comes to quality, safety, and reliability, the global commercial vehicle industry relies on products from SAF-HOLLAND.
LONG-TERM INVESTMENT; A TRUE ‘FLEET GATE’
Holland liftgates are designed with longevity in mind. Through continuous improvement of our liftgate designs, our goal is to always provide the most robust products that offer lowest lifetime cost available in today’s market. The durability of our liftgates is further complimented by our simple service friendly designs.

EASE OF INSTALLATION
The installation of HOLLAND liftgates are engineered to be ‘easy-and-clean’ which makes them suitable for not only body builders and OEM dealers, but also the do-it-yourself fleet. Installations are supported by easy to follow instructions and a simple bleed and power-up process. Kits can be configured for ‘application specific’ or ‘customer specific’ installations.

COLD CLIMATE PERFORMANCE
Holland liftgates are designed to perform in the coldest conditions. With Canada as our proving ground for nearly 30 years, Holland liftgates have a long history of dependability and performance in some of the harshest conditions in North America. It is Holland’s proven track record that makes our liftgates an excellent choice for any environment, especially northern climate applications.

CUSTOM LIFTGATE DESIGNS
Don’t modify your distribution operation to conform to your liftgate design. At Holland we frequently produce custom designs for those customers that require a special modification to fit with their delivery requirements...a custom fit

EXTENDED WARRANTY PACKAGE
SAF-HOLLAND offers an optional extended warranty for all DH, TL and TG Series liftgates. The extension increases warranty coverage from 3 years to 5 years.

BLACK ARMOUR™ ADVANCED CORROSION PROTECTION
For over a decade, SAF-HOLLAND has been a leader in advanced corrosion protection within the commercial transportation industry. Our Black Armour metal protection process has been standard for our liftgate products since 1998.

All DH, TL and TG Series liftgates feature the Black Armour metal protection process. The Black Armour™ metal protection process, unlike a primer, paint or powder coating, chemically bonds with metal to form a protective skin that is impervious to water and anti-icing chemicals.

Black Armour™ is paint compatible without pre-sanding. Black Armour™ will not shrink and remains flexible to resist gravel impingement. If scratched, Black Armour™ prevents the spread of creep corrosion.

We have customers who make it a practice of transferring HOLLAND Liftgates from one vehicle to another because they outlast the service life of their equipment.

DH SERIES
Direct Hydraulic Column Lift

TL SERIES
Fold-Away with Level Ride

TG SERIES
Conventional Fold-Away

TE SERIES
Economy Fold-Away
**DH SERIES**

**DIRECT HYDRAULIC COLUMN LIFT**

4,500, 5,500 & 6,600 LB. CAPACITIES

**FULLY AUTOMATIC OPERATION**
- Power Open/Power Close
- Power Up/Power Down
- Selectable Gravity Down on Demand

**TRAILER & TRUCK APPLICATIONS**
- Standard 86” platform width for 102” wide vehicle applications and optional 80” platform width for 96” applications.
- 6,600 lb. capacity model features standard extra heavy-duty 3/16” steel platform tread plate. Extra heavy-duty 3/16” platform is also optionally available on 4,500 & 5,500 models.
- Truck, semi-trailer, and pup trailer installation kits available. Custom kits available for special applications.
- Standard Black Armour™ protected pump/battery box features bulk-head fittings for hydraulic connections, strain relief grommets for electrical cables, and weather sealed access door with greasable hinges. Holds 3-group 31 batteries.
- “B” train compatible models available.

**LOW NOISE/QUIET OPERATION**
- The DH is the preferred design when operating in noise sensitive areas such as hotels, resorts, hospitals and residential neighborhoods.

**SAF-HOLLAND LIFTGATE WARRANTY**
- **STANDARD 3-YEAR PARTS AND LABOR FOR COMPLETE GATE**
- **AVAILABLE 5-YEAR EXTENDED WARRANTY ON PARTS AND LABOR FOR COMPLETE GATE**

See warranty specifications for complete details.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>DECK HEIGHT</th>
<th>PLATFORM*</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH4556</td>
<td>4,500 lbs. (2,041 kg)</td>
<td>35” to 60” (89 cm to 152 cm)</td>
<td>60” X 86”</td>
</tr>
<tr>
<td>DH4572</td>
<td>4,500 lbs. (2,041 kg)</td>
<td>43” to 60” (109 cm to 152 cm)</td>
<td>72” X 86”</td>
</tr>
<tr>
<td>DH4584</td>
<td>4,500 lbs. (2,041 kg)</td>
<td>49” to 60” (124 cm to 152 cm)</td>
<td>84” X 86”</td>
</tr>
<tr>
<td>DH5556</td>
<td>5,500 lbs. (2,495 kg)</td>
<td>35” to 60” (89 cm to 152 cm)</td>
<td>60” X 86”</td>
</tr>
<tr>
<td>DH5572</td>
<td>5,500 lbs. (2,495 kg)</td>
<td>43” to 60” (109 cm to 152 cm)</td>
<td>72” X 86”</td>
</tr>
<tr>
<td>DH5584</td>
<td>5,500 lbs. (2,495 kg)</td>
<td>49” to 60” (124 cm to 152 cm)</td>
<td>84” X 86”</td>
</tr>
<tr>
<td>DH6656</td>
<td>6,600 lbs. (2,994 kg)</td>
<td>35” to 60” (89 cm to 152 cm)</td>
<td>60” X 86”</td>
</tr>
<tr>
<td>DH6672</td>
<td>6,600 lbs. (2,994 kg)</td>
<td>43” to 60” (109 cm to 152 cm)</td>
<td>72” X 86”</td>
</tr>
<tr>
<td>DH6684</td>
<td>6,600 lbs. (2,994 kg)</td>
<td>49” to 60” (124 cm to 152 cm)</td>
<td>84” X 86”</td>
</tr>
</tbody>
</table>

* Also available in 80” platform widths for 96” vehicle applications.
Length dimension excludes retention ramp.
INTERNAL & EXTERNAL CORROSION PROTECTION

STANDARD PROTECTION

- Black Armour™ protection for exterior surfaces, the internal surfaces of the columns, and the roller tracks.
- Marine grade toggle switches are encapsulated in corrosion resistant urethane.
- Electronics feature abrasion and weather resistant harness coverings and Deutsche connectors with factory applied dielectric grease.

OPTIONAL PROTECTION

- Hot dip galvanization of complete liftgate is available, including pump/battery box and mounting brackets.

ADVANCED HYDRAULIC POWER STANDARD ON 6,600 LB. MODELS AND OPTIONAL ON 5,500 LB. MODELS

- The patented hydraulic system features an Equal Displacement Master Cylinder that evenly powers each cylinder to assure a level lift even with heavy off-set loads.
- Features dual pump/motor that run concurrently during operation to decrease motor loads and cycle times, and increase pump/motor life.
- The hydraulic system is self-bleeding to reduce installation and service times.
TL SERIES
FOLD-AWAY™
WITH LEVEL RIDE
4,000 & 5,000 LB. CAPACITIES

POWER UP/POWER DOWN
LEVEL RIDE PLATFORM TILTS
AT GROUND

TRUCK & TRAILER
APPLICATIONS
• Standard 88” platform width for 102” and
96” wide vehicle applications.
• Can be installed without a deck extension
for flush mount.
• Truck, semi-trailer, and pup trailer
installation kits available. Custom kits
available for special applications.
• Electronics include a cab, body, or pump
box mounted 150-amp circuit breaker and
master disconnect switch.
• Rear impact guard is available in bolt-on
design that conforms to FMVSS 223/224.
• Factory plumbed hydraulics are available.

OPTIONAL AUXILIARY DUAL
PUMP/MOTOR SYSTEM
• In normal dual pump mode, one pump/
motor provides power-up while the second
provides power-down to “exercise” both
power units keeping them lubricated and
functional. In the event of unit failure, the
system can be switched from dual pump
mode to select either of the single pumps to
completely power the liftgate.

HEAVY-DUTY PIVOT
CONNECTIONS feature
lubricated composite bearings. Optional NoLube® bearings
available.

DUAL LOCK LATCHES ensure
safe platform stowage during
vehicle transit.

DUAL FOOT ACTIVATED CART
STOPS are standard on 61”
platforms.

PLATFORM is easily adjusted
for pitch with easy to
access bolt near the pivot
connections.

Power Pack / Battery Boxes for TL Series Liftgates

<table>
<thead>
<tr>
<th>Main Tube Mount Box Standard</th>
<th>Side Mount Box Options</th>
<th>Side Mount Box Brackets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Armour Coated</td>
<td>Power Pack Box Only</td>
<td>Black Armour (Hot Dipped Galvanized Optional)</td>
</tr>
<tr>
<td></td>
<td>Power Pack Box &amp; Battery (2) Box</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Combination Power Pack/Battery (2) Box</td>
<td></td>
</tr>
</tbody>
</table>

Steel Boxes and Covers
• Weather Seal Closures
• Bulkhead Fittings for Hydraulics
• Strain-relief Grommets for Electrical
Extruded Aluminum Platform features an extremely rugged bi-fold hinge design with full-width heavy-duty pins.

Dual, Double Acting Hydraulics Cylinders and wide-stance “H” style lift frame help stabilize off-set loads.

Dually Torsion Springs provide easy platform folding. 61" platforms include a convenient open/close handle.

## CORROSION PROTECTION
- Black Armour™ protection is standard.
- Hot dip galvanized coating is available.
- Sealed marine grade toggle switches.
- Lift cylinder rods are nitride coated for enhanced corrosion and wear resistance.
- Steel platform crossmembers are internally coated and sealed to protect from the inside out.

## SAF-HOLLAND LIFTGATE WARRANTY
- Standard 3-Year Parts and Labor For Complete Gate Available
- Available 5-Year Extended Warranty On Parts and Labor For Complete Gate

See warranty specifications for complete details.

### THREE TAIL LIGHT OPTIONS
1. Weld-on or bolt-on post mounted light boxes.*
2. 5” steps with completely integrated recessed tail lights with light guards.*
3. 5” steps prepped for ready-to-install tail lights with light guards.

* Tail lights are available as LED or Incandescent and can be configured for trailer or truck applications.

### Wedge Style Platform Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Dimensions (inches)</th>
<th>Material</th>
<th>Deck Height</th>
<th>Ext. Plate Thickness</th>
<th>2”</th>
<th>3”</th>
<th>5”</th>
<th>Brace</th>
<th>Bumpers</th>
</tr>
</thead>
<tbody>
<tr>
<td>TL4048</td>
<td>4,000 lbs.</td>
<td>48” x 88”</td>
<td>Steel/Aluminum</td>
<td>44” to 58”</td>
<td>12”</td>
<td>1”</td>
<td>2”</td>
<td></td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>TL4052</td>
<td>4,000 lbs.</td>
<td>52” x 88”</td>
<td>Steel/Aluminum</td>
<td>44” to 58”</td>
<td>12”</td>
<td>1”</td>
<td>2”</td>
<td></td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>TL4061</td>
<td>4,000 lbs.</td>
<td>61” x 88”</td>
<td>Extruded Aluminum</td>
<td>48” to 57”</td>
<td>14”</td>
<td>1”</td>
<td>2”</td>
<td></td>
<td>Black Armour</td>
<td>Optional Hot Dip Galvanized.</td>
</tr>
<tr>
<td>TL5061</td>
<td>5,000 lbs.</td>
<td>61” x 88”</td>
<td>Extruded Aluminum</td>
<td>48” to 57”</td>
<td>14”</td>
<td>1”</td>
<td>2”</td>
<td></td>
<td>Optional</td>
<td>Optional Heavy-Duty Rubber ‘D’ Style</td>
</tr>
</tbody>
</table>

**NOTE:** Black Armour coated steps shipped separate from deck extension. Galvanized steps welded to deck extension prior to galvanization.
TG SERIES
CONVENTIONAL FOLD-AWAY™

DUAL CYLINDER MODEL
2,500 / 3,000 / 3,500 LB. CAPACITIES

SINGLE CYLINDER MODEL
2,500 LB. CAPACITY

POWER UP/POWER DOWN
TRUCK & TRAILER APPLICATIONS
• Standard 88" platform width for 102" and 96" wide vehicle applications.
• Can be installed without deck extension for flush mount.
• Electronics include a cab, body, or pump box 150 amp circuit breaker and master disconnect switch.
• Factory plumbed hydraulics are available.

OPTIONAL AUXILIARY DUAL PUMP/MOTOR SYSTEM
• In normal dual pump mode, one pump/motor provides power while the second provides power-down to “exercise” both power units keeping both units lubricated and functional. In the event of power failure, the system can be switched from dual pump mode to select either of the single pumps to completely power the liftgate.

DUAL LOCK LATCHES ensure safe platform stowage during vehicle transit.

WIDE SPACED LIFT ARMS with dual acting cylinders help stabilize off-set loads.

ALL PIVOT CONNECTIONS feature grease zerks.

PLATFORM is easily adjusted for pitch.

2,500 LB. CAPACITY SINGLE CYLINDER MODEL
When the application only calls for a 2,500 lb. capacity liftgate, the single cylinder model provides the same features and options as the higher capacity dual cylinder model.

Power Pack / Battery Boxes for TG Series Liftgates

<table>
<thead>
<tr>
<th>Main Tube Mount Box Standard</th>
<th>Side Mount Box Options</th>
<th>Side Mount Box Brackets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Armour Coated</td>
<td>Power Pack Box Only</td>
<td>Black Armour (Hot Dipped Galvanized Optional)</td>
</tr>
<tr>
<td></td>
<td>Power Pack Box &amp; Battery (2) Box</td>
<td>Steel Boxes and Covers</td>
</tr>
</tbody>
</table>
|                             | Combination Power Pack/ Battery (2) Box |- Weather Seal Closures
|                             |                                      |- Bulkhead Fittings for Hydraulics |
|                             |                                      |- Strain-relief Grommets for Electrical |
DUAL TORSION SPRINGS provide easy platform folding.

THREE TAIL LIGHT OPTIONS
1. Weld-on or bolt-on post mounted light boxes.*
2. 5” steps with completely integrated recessed tail lights with light guards.*
3. 5” steps prepped for ready-to-install tail lights with light guards.
   * Tail lights are available as LED or Incandescent and can be configured for trailer or truck applications.

SAF-HOLLAND Liftgate Warranty
- STANDARD 3-YEAR PARTS AND LABOR FOR COMPLETE GATE
- AVAILABLE 5-YEAR EXTENDED WARRANTY ON PARTS AND LABOR FOR COMPLETE GATE
See warranty specifications for complete details.

CORROSION PROTECTION
- Black Armour™ protection is standard.
- Hot dip galvanized coating is available.
- Sealed marine grade toggle switches.
- Lift cylinder rods are chromed for enhanced corrosion and wear resistance.
- Steel platform crossmembers are internally coated and sealed to protect from the inside out.

DUAL CYLINDER MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Dimension / Style.</th>
<th>Material</th>
<th>Deck Heights</th>
<th>Standard 92” Deck Extensions</th>
<th>Side Steps</th>
<th>Step Brace</th>
<th>Dock Bumpers</th>
</tr>
</thead>
<tbody>
<tr>
<td>TG3047</td>
<td>3,000 lbs.</td>
<td>40” x 88” + 7” Ramp</td>
<td>Steel (Optional Steel/Aluminum)</td>
<td>44” to 57”</td>
<td>12”, 5/16”</td>
<td>Standard</td>
<td>Standard</td>
<td>Optional Uncoated</td>
</tr>
<tr>
<td>TG3048</td>
<td>3,000 lbs.</td>
<td>47” x 88” Wedge Style</td>
<td>Extruded Aluminum</td>
<td>44” to 54”</td>
<td>12”, 5/16”</td>
<td>Standard</td>
<td>Standard</td>
<td>Optional Uncoated</td>
</tr>
<tr>
<td>TG3547</td>
<td>3,500 lbs.</td>
<td>40” x 88” + 7” Ramp</td>
<td>Steel</td>
<td>44” to 54”</td>
<td>12”, 1/2”</td>
<td>Optional</td>
<td>96” Wide</td>
<td>102” Wide</td>
</tr>
<tr>
<td>TG3548</td>
<td>3,500 lbs.</td>
<td>40” x 88” Wedge Style</td>
<td>Extruded Aluminum</td>
<td>44” to 54”</td>
<td>12”, 1/2”</td>
<td>Standard</td>
<td>Black Armour Protection or Optional Hot Dip Galvanized.</td>
<td></td>
</tr>
<tr>
<td>TG3552</td>
<td>3,500 lbs.</td>
<td>52” x 88” Wedge Style</td>
<td>Extruded Aluminum</td>
<td>46” to 57”</td>
<td>12”, 1/2”</td>
<td>Optional</td>
<td>96” Wide</td>
<td>102” Wide</td>
</tr>
<tr>
<td>TG3561</td>
<td>3,500 lbs.</td>
<td>61” x 88” Wedge Style</td>
<td>Extruded Aluminum</td>
<td>48” to 57”</td>
<td>12”, 1/2”</td>
<td>Optional</td>
<td>Black Armour Protection is Standard, or Optional Hot Dip Galvanized.</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Additional dual cylinder models are available with varying platform materials and sizes.

SINGLE CYLINDER MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Dimension / Style.</th>
<th>Material</th>
<th>Deck Heights</th>
<th>Standard 92” Deck Extensions</th>
<th>Side Steps</th>
<th>Step Brace</th>
<th>Dock Bumpers</th>
</tr>
</thead>
<tbody>
<tr>
<td>TG2536</td>
<td>2,500 lbs.</td>
<td>31” x 88” + 5” Ramp</td>
<td>Steel</td>
<td>34” to 57”</td>
<td>12”, 5/16”</td>
<td>Optional</td>
<td>96” Wide</td>
<td>Optional Uncoated</td>
</tr>
<tr>
<td>TG2542</td>
<td>2,500 lbs.</td>
<td>42” x 88” Wedge</td>
<td>Steel</td>
<td>44” to 57”</td>
<td>12”, 5/16”</td>
<td>Optional</td>
<td>96” Wide</td>
<td>Optional Uncoated</td>
</tr>
<tr>
<td>TG2545</td>
<td>2,500 lbs.</td>
<td>37” x 88” + 5” Ramp</td>
<td>Fabricated Aluminum</td>
<td>44” to 57”</td>
<td>12”, 5/16”</td>
<td>Black Armour Protection is Standard, or Optional Hot Dip Galvanized.</td>
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<td></td>
</tr>
<tr>
<td>TG2547</td>
<td>2,500 lbs.</td>
<td>40” x 88” + 7” Ramp</td>
<td>Steel (Optional Steel/Aluminum)</td>
<td>44” to 57”</td>
<td>12”, 5/16”</td>
<td>Optional</td>
<td>96” Wide</td>
<td>Optional Uncoated</td>
</tr>
</tbody>
</table>

NOTE: Black Armour coated steps shipped separate from deck extension. Galvanized steps welded to deck extension prior to galvanization.
THE HOLLAND TLV SERIES LIFTGATE PROVIDES THE NECESSARY PREMIUM FEATURES AT AN AFFORDABLE PRICE.

TLV SERIES FOLD-AWAY™
A PREMIUM PRODUCT... NOT A PREMIUM PRICE

SINGLE CYLINDER MODEL 2,750 LB. CAPACITY

LEVEL RIDE PLATFORM/ TILTS AT GROUND

POWER UP/ GRAVITY DOWN
OPTIONAL POWER UP/ POWER DOWN
(Gravity down liftgates are not recommended for operation in extreme cold.)

TRUCK APPLICATIONS
• Fully enclosed and protected pump motor
• Overload protected charge line
• Grease zerks at all major pivot points
• 1/4” x 12” reinforced tread plate deck extension
• Fully sealed and potted curbside control station
• Torsion assisted folding
• Roller arm assisted opening
• Recessed platform hinges
  – Eliminate trip hazards
  – Allow side loading/unloading of platform

SAF-HOLLAND LIFTGATE 2-YEAR PARTS AND LABOR WARRANTY
(2-YEAR STRUCTURAL & 18-MONTH ELECTRONICS AND HYDRAULICS)
See warranty specifications for complete details.

LEVEL RIDE PLATFORM / TILTS AT GROUND

The TLV Fold-Away liftgate platform provides a level ride when in the raising and lowering mode. The platform tilts when it makes contact with the ground to provide an easy transition on and off the platform surface.
DUAL TORSION SPRINGS to assist folding.

ROLLER TYPE PLATFORM OPENER to assist with easier unfolding of platform.

WEDGE STYLE PLATFORM Plate steel construction for maximum durability.

REINFORCED DECK EXTENSION stands up to dock impacts and rolling loads.

GREASE ZERKS at all major pivot points.

FOUR STEEL RECESSED PLATFORM HINGES provide smooth and consistent open and close performance.

TAIL LIGHT OPTIONS
Weld-on or bolt-on post mounted light boxes with LED or incandescent lights.

ADDITIONAL OPTIONS
- 2”, 3” or 5” step bumpers
- Power Up/Power Down
- Cab shut-off switch

MOUNTING DIMENSIONS

TLV SERIES LIFTGATE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Lifting Capacity</th>
<th>Platform Dimensions</th>
<th>Bed Height Range</th>
<th>Mounting Clearance</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV-2748</td>
<td>2,750 lbs.</td>
<td>48” Deep x 80” Wide</td>
<td>38” Minimum</td>
<td>39” to 45” from Rear of Deck Extension</td>
<td>750 lbs.</td>
</tr>
</tbody>
</table>
From fifth wheel rebuild kits to suspension bushing repair kits, SAF-HOLLAND Original Parts are the same quality components used in the original component assembly. SAF-HOLLAND Original Parts are tested and designed to provide maximum performance and durability. Will-fits, look-alikes or, worse yet, counterfeit parts will only limit the performance potential and could possibly void SAF-HOLLAND’s warranty.

Always be sure to spec SAF-HOLLAND Original Parts when servicing your SAF-HOLLAND product.