

# History

### Schoellhorn-Albrecht

Our accommodation ladders and gangways work in a variety of settings, with the most common being commercial ships, small passenger vessels, docks, navy piers, and refineries. Schoellhorn-Albrecht offers accommodation ladders and gangways of any length, made from 6061-T6 aluminum alloy or other alloys such as 5086.

All Schoellhorn-Albrecht ladders and gangways are designed and tested to meet industry standard specifications.



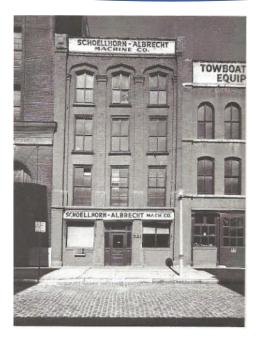


For additional information, drawings and specifications contact us.



1141 Reco Ave., St. Louis, MO 63126

## History



Schoellhorn-Albrecht has enjoyed a long history in Saint Louis, Missouri supporting the inland river industry. Pictured at left is the Schoellhoen-Albrecht building in 1887. It was located on the St. Louis Riverfront in historic Laclede's Landing located on the west bank of the Mississippi River. Pictured below is the current Schoellhorn-Albrecht building located in St. Louis County.





1141 Reco Ave., St. Louis, MO 63126

## **Table of Contents**

Page Description	PAGE No.
Accommodation Ladders	
Beam Style with Curved Treads & Self Stowing System	7
Beam Style with Feathering Treads & Self Stowing System	8
Beam Style with Curved Treads & Automated Stowing	9
NavSea Style with Curved Treads & Self Stowing System	10
NavSea Style with Feathering Treads	11
Beam Style with Curved Treads & Telescoping System	12
Truss Style with Feathering Treads	13
Truss Style with Curved Treads	14
Dock to Barge Style with Curved Treads & Rail System	15
Dock to Barge Style with Feathering Treads & Rotating Base	16
Dock to Barge Style with Feathering Treads & Portable System	17
ATB Tug to Barge Style with Curved Treads & Powered	18
Gangways	
Truss Style with Deck Planking	20
Beam Style with Deck Planking & Stowing System	21
Accommodation Ladder & Gangway Accessories	
Upper Connections	23
Lower Connections	24
Deployment / Recovery	25
Pilot Ladder	26
NavSea Ladder Replacement Parts	27-29
Barge Coaming Ladders	
Coamover I	31
Coamover II	32
Hi-Lo Ladders	33
Fixed "A" Frame Ladder	34



1141 Reco Ave., St. Louis, MO 63126

- Corrosion Resistant Aluminum Alloy
- Beam or Truss Designs
- Fixed, Curved or Feathering Treads
- 24", 30", 36" and Custom Widths
- Rope, Chain and Pipe Handrails
- Upper and Lower Rotating Platforms
- Self Stowing and Manual Stowing Designs
- Auxiliary and Support Equipment Including: Davits, Lifting Gear, Winches, and Boat Fenders
- Custom Designs Available



Our standard accommodation ladders are designed for a distributed load of 185 lbs on every other tread. Higher load ratings available.

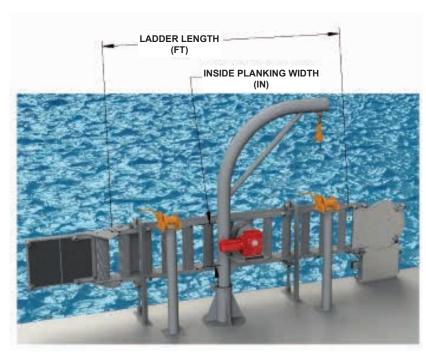


### **Beam Style with Curved Treads & Self Stowing System**

Heavy Duty Structural Aluminum Ladder with Curved Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Davit with Steel Stowage Equipment

#### **Available Options:**

Feathering Self-Leveling Steps Powered or Manual Winch Folding Handrails Foldable Stanchions w/Rope or Chain Rails Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Ship Bumpers & Fenders Custom Coatings on Steel



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Position (Above) 90° Stowed Position (Left) Removable Stanchions w/ Rope Rails Schoellhorn-Albrecht Custom Curved Fixed Tread Upper Rotating Platform Manual Davit Removable Lower Platform for Dock Access & Dock Roller



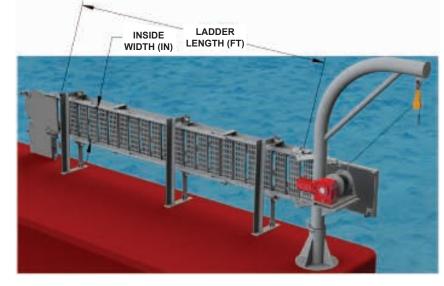
#### 1141 Reco Ave., St. Louis, MO 63126

### **Beam Style with Feathering Treads & Self Stowing System**

Heavy Duty Structural Aluminum Ladder with Feathering Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Davit with Steel Stowage Equipment

#### **Available Options:**

Schoellhorn-Albrecht Custom Curved Tread Powered or Manual Winch Removable Stanchions w/ Rope Rails Custom Upper & Lower Platforms Available Dock / Deck Rollers or Casters Ship Bumpers & Fenders Custom Coatings on Steel



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Position (Above) 90° Stowed Position (Left) Folding Stanchions w/ Rope Rails Upper Rotating Platform Removable Lower Platform for Dock Access Pneumatic Davit & Dock Roller



www.schoellhorn-albrecht.com

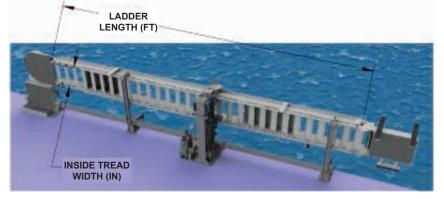
#### 1141 Reco Ave., St. Louis, MO 63126

### **Beam Style with Curved Treads & Automated Stowing System**

Heavy Duty Structural Aluminum Ladder with Curved Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Steel Stowage Equipment

#### **Available Options:**

Feathering Self-Leveling Steps Powered or Manual Winch Folding Handrails Removable Stanchions w/Rope or Chain Rails Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Position (Above) 90° Stowed Position (Left) Folding Stanchions w/ Rope Rails Schoellhorn-Albrecht Custom Curved Fixed Tread Upper Platform Lower Platform Automated Stowing Davit Ship to Ship Bumpers & Dock Roller



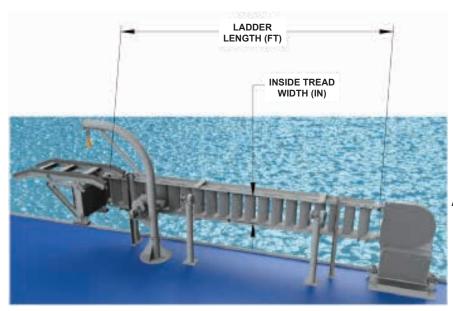
#### 1141 Reco Ave., St. Louis, MO 63126

### **NAVSEA Style with Curved Treads & Self Stowing System**

Heavy Duty Structural Aluminum (5086) Ladder with Curved Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Davit with Steel Stowage Equipment NavSea Style Ladder and Platforms

#### **Available Options:**

Feathering Self-Leveling Steps Powered or Manual Winch Folding Handrails Removable Stanchions w/Rope or Chain Rails Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel Custom Materials such as 6061-T6



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Position (Above) 90° Stowed Position (Left) Folding Stanchions w/ Rope Rails Schoellhorn-Albrecht Custom Curved Fixed Tread Powered Davit Upper Rotating Platform (NavSea 804-2255408) Removable Lower Platform with Fender and Ship Bumper

for Ship to Ship Access (NavSea 804-2255403)



#### 1141 Reco Ave., St. Louis, MO 63126

### **NAVSEA Style with Feathering Treads**





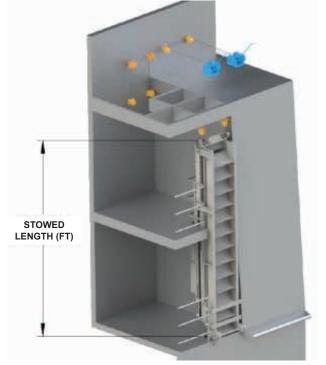
1141 Reco Ave., St. Louis, MO 63126

### **Beam Style with Curved Treads & Telescoping System**

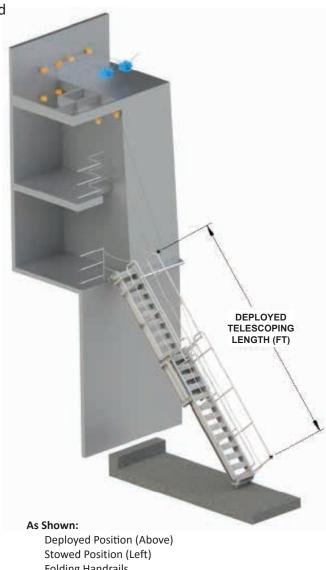
Heavy Duty Structural Aluminum Ladder with Curved Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Top Deck Winch Operated Deployment and Stowage Hinged Upper Connection Folding Handrails

#### **Available Options:**

Powered Winch Removable Stanchions w/Rope or Chain Rails Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Materials Custom Coatings on Steel



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



Stowed Position (Left) Folding Handrails Schoellhorn-Albrecht Custom Curved Fixed Tread Telescoping Ladder Manual Winch Hinged Upper Platform & Dock Swivel Casters



### **Truss Style with Feathering Treads**

Heavy Duty Structural Aluminum Ladder with Feathering Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Fixed Pipe Handrails

#### **Available Options:**

Schoellhorn-Albrecht Custom Curved Treads Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel Custom Materials



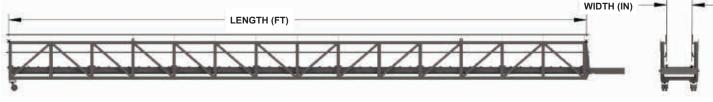


Feathering Treads Closed Position (Shown, stowed as horizontal) Feathering Treads Open Position (Shown, working as upright)

As Shown:

Deployed Position (Right) Ladder Detail View (Below) Feathering, Self Leveling Treads (Above) Pipe Handrails Hinged Upper Platform & Dock Swivel Casters





Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



www.schoellhorn-albrecht.com

1141 Reco Ave., St. Louis, MO 63126

### **Truss Style with Curved Treads**

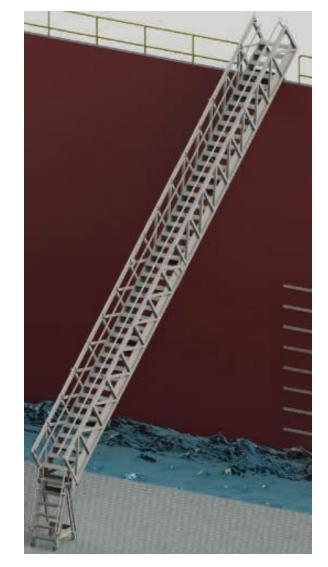
Heavy Duty Structural Aluminum Ladder with Curved Tread Customized lengths and widths to suit your application Typical Maximum Inclination of 55° Fixed Pipe Handrails with Spliced Connection

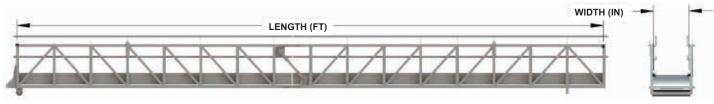
#### **Available Options:**

Feathering Self-Leveling Steps Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel Custom Materials



Shown: Deployed Position (Right) Ladder Detail View (Below) Schoellhorn-Albrecht Custom Curved Treads (Above) Fixed Handrails with Spliced Connection Gunnel Clip Lower Trussel & Dock Roller Shown





Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.

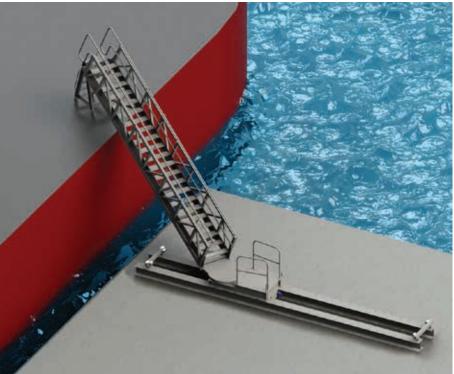


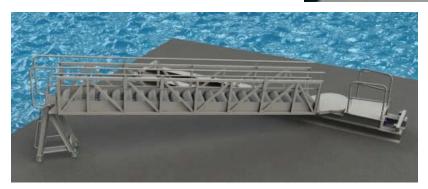
### **Dock to Barge Style with Curved Treads & Rail System**

Heavy Duty Structural Aluminum Ladder with Curved Tread Customized lengths and widths to suit your application Typical Maximum Inclination Above or Below Dock of 55° Rail System Lower Platform Trussel Upper Platform

#### **Available Options:**

Powered Winch Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel





Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.

#### As Shown:

Deployed Position (Above) Dock Stowed Position (Left) Fixed Handrails Schoellhorn-Albrecht Custom Curved Fixed Tread Upper Rotating Platform Lower 180° Telescoping Platform Upper Trussel with Casters



www.schoellhorn-albrecht.com

#### 1141 Reco Ave., St. Louis, MO 63126

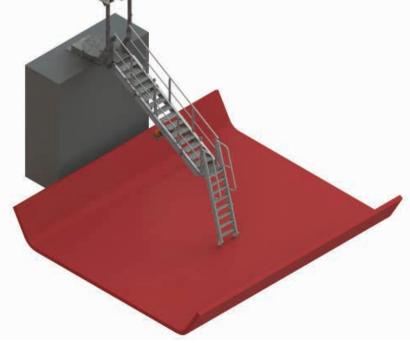
### **Dock to Barge Style with Feathering Treads & Rotating Base**

Heavy Duty Structural Aluminum Ladder with Feathering Tread Customized lengths and widths to suit your application Typical Maximum Inclination Above or Below Dock of 55° Slewing Bearing Lower Platform Ladder Upper Platform

#### **Available Options:**

Powered Winch Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel





Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.

#### As Shown:

Deployed Position at Dock Level (Above) Deployed Position Below Dock Level (Left) Folding Handrails Feathering Treads (Self-Leveling) Upper Ladder Platform with Casters Lower 180° Slew Bearing Platform Manual Winch



#### 1141 Reco Ave., St. Louis, MO 63126

### Dock to Barge Style with Feathering Treads & Portable System

Heavy Duty Structural Aluminum Ladder with Feathering Tread Customized lengths and widths to suit your application Access Heights Above or Below Dock up to 55° Heavy Duty Wheels for Portability Manual Winch System for Stowing

#### **Available Options:**

Powered Winch Fixed Base Removable Handrails Foldable Stanchions w/Rope or Chain Rails Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Below Dock Level (Above) Deployed Above Dock Level (Left) Folding Handrails Feathering Treads Upper Ladder Platform with Casters Lower Portable Platform Manual Winch



www.schoellhorn-albrecht.com

1141 Reco Ave., St. Louis, MO 63126

### **ATB Tug to Barge Style with Powered Deployment & Curved Treads**

#### **Pneumatic Powered:**

Heavy Duty Structural Aluminum Gangway with Curved Treads Customized Lengths and Widths to Suit your Application Pneumatic Cylinder Deploying / Stowing System Slewing Bearing Base Attachment





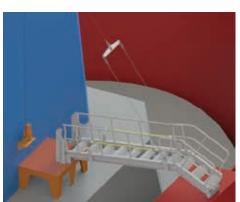
As Shown:

Deployed Position (Left) Stowed Position (Far Left) Fixed Extended Handrails Schoellhorn-Albrecht Custom Curved Fixed Tread Pneumatic Cylinder Deploy/Stow System Slewing Bearing Base Attachment & Dock Wheels

#### **Electric Powered:**

Heavy Duty Structural Aluminum Gangway with Curved Tread Customized Lengths and Widths to Suit your Application Electric Powered Deploying / Stowing System Fixed Base





Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.

#### As Shown: Deployed Position (Left) Stowed Position (Far Left) Folding Extended Handrails Schoellborn-Albrecht Custom C

Schoellhorn-Albrecht Custom Curved Fixed Tread Electric Powered Deploy/Stow System Fixed Base & Dock Caster



#### 1141 Reco Ave., St. Louis, MO 63126

# Gangways

- Corrosion Resistant Aluminum Alloy
- Beam or Truss Designs
- Deck Planking with or without Deck Cleats
- 24", 30", 36" and Custom Widths
- Safety Rails on Both Ends
- Lifting Padeyes
- Dock Rollers or Wheels
- Gunwale Clips
- Bulbous Cleats





Our standard gangways are designed for a distributed load of 75 lbs/ft<sup>2</sup>. Higher loadings are available



1141 Reco Ave., St. Louis, MO 63126

## Gangways

### **Truss Style with Deck Planking**

Heavy Duty Structural Aluminum Gangway with Deck Planking Customized lengths and widths to suit your application Typical Maximum Inclination of 30°

#### **Available Options:**

Deck Planking with Raised Cleat Powered or Manual Winch Options Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Custom Coatings on Steel







Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.

#### As Shown:

Built for New York Waterway's East River Ferry Truss Style Construction Aluminum Deck Planking Fixed Handrails Gunnel Clip Ramps



www.schoellhorn-albrecht.com

1141 Reco Ave., St. Louis, MO 63126

## Gangways

### **Beam Style with Deck Planking & Stowing System**

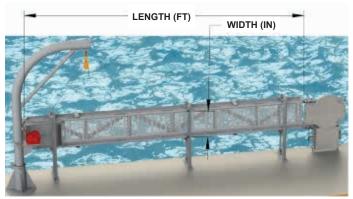
Heavy Duty Structural Aluminum Ladder with Deck Planking Customized lengths and widths to suit your application Typical Maximum Inclination of 30° Davit with Manual Winch

#### **Available Options:**

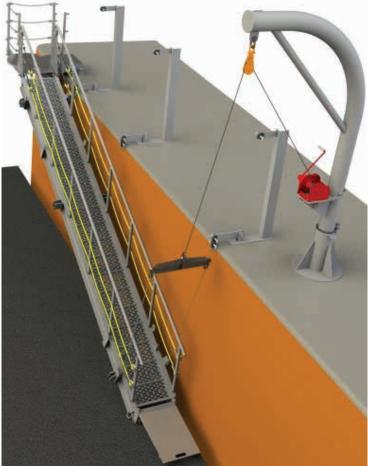
Powered Winch Options Folding Handrails Removable Stanchions with Rope or Chain Rails Custom Upper & Lower Platforms Dock / Deck Rollers or Casters Ship Bumpers & Fenders Custom Coatings on Steel



Deck Planking Detail (Shown, with raised cleat option)



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Position (Above) 90° Stowed Position (Left) Folding Stanchions w/ Rope Mid-rails Aluminum Deck Planking with Cleats (Detail) Upper Rotating Platform Lower Platform Ramp Manual Winch & Davit with Stowing System



#### 1141 Reco Ave., St. Louis, MO 63126

### **UPPER CONNECTIONS**

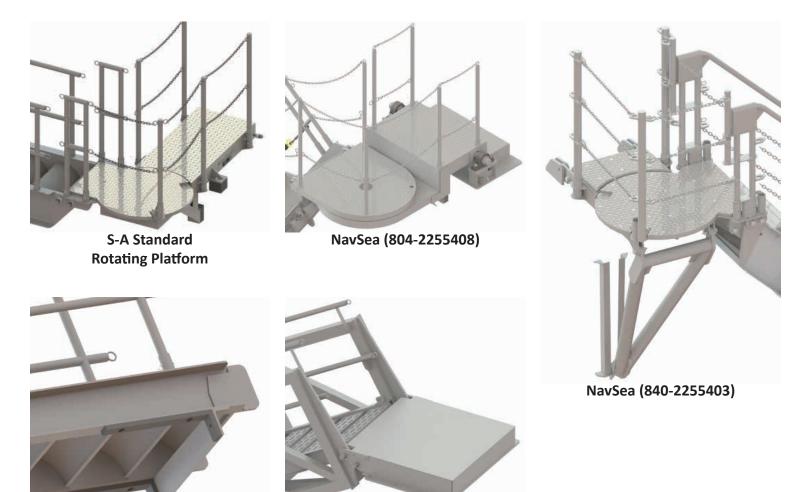
### LOWER CONNECTIONS





### **Upper Connections**

Aluminum & Steel Construction Available Special Configurations Slip-Resistant Walking Surfaces Custom Options Available



**Gunnel Clip** 

**Hinged Connection** 

Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



### **Lower Connections**

Aluminum & Steel Construction Available Special Configurations Slip-Resistant Walking Surfaces Custom Options Available



Platform



Ramp



**Swivel Casters** 





Ship to Ship Bumper NavSea (804-2255403)



Dock Roller UHMW & Galvanized Options

Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



www.schoellhorn-albrecht.com

1141 Reco Ave., St. Louis, MO 63126

## **Deployment / Recovery**

Aluminum & Steel Construction Available Special Configurations Custom Options Available

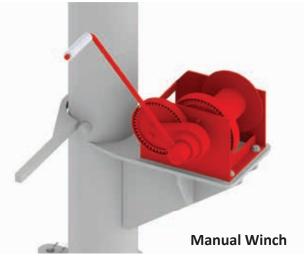








**Standard Davit** 



Automated Stowing Davit

Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



### Pilot Ladder (Solas Embarkment/Debarkment Ladder)

Suspension Rope (3/4" [19mm] Diameter) is one Continuous Length on Each Side Ladders Tested to 2,000 lbs. Steps Tested to 700 lbs. with no more than 3/4" deflection 15" Step Spacing

#### **Available Options:**

Manual or Powered Winch Hardwood or Plastic Steps Non-Skid Grit or grooves Applied to Steps



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us. As Shown: Deployed Position (Above) Manual Winch 3/4" Diameter Suspension Rope Hardwood Steps



### **Replacement Parts for NavSea Ladders (Treads)**

Replacement Steps for existing Ladders

Other Replacement Parts Available. Please Contact us for Ladder Replacement Parts not shown.



#### **Replacement Feathering Treads**



**Replacement Tread Caps** 



Replacement Tread Cap with Sub Base

• Replacement Treads for Feathering Ladders

- Treads made to NavSea drawing 804-2255402 Rev C.
- Material is made in Aluminum 5086
- Specify Length; 24" or 30"
- Specify Tread Type; "A", "B" or "C"
- Replacement Tread Caps
- Treads made to NavSea drawing 803-5959202 Rev -.
- Material is made to MIL-T-24634, Type II Aluminum
- Specify Tread length
- Specify Tread Width; 4", 6" or 9"
- Replacement Tread Caps with Sub-Base
- Treads made to NavSea drawing 803-5959202 Rev -.
- Cap Material is made to MIL-T-24634, Type II Aluminum
- Specify Sub-Base Material; Steel, 304 Stainless Steel or 316 Stainless Steel
- Specify Tread length
- Specify Tread Width; 4", 6" or 9"

Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



www.schoellhorn-albrecht.com

1141 Reco Ave., St. Louis, MO 63126

### **Replacement Parts for NavSea Ladders (Lower Platform)**

Bumpers and Fenders for existing Ladders

Other Replacement Parts Available. Please Contact us for Ladder Replacement Parts not shown.



- Replacement Fender for Lower Platform
- Treads made to NavSea drawing 804-2255403 Rev B.
- Fender Base Material is made in Aluminum 5086
- Fender Pad Material made from FLEXANE



- Replacement Fender for
  Lower Platform
- Treads made to NavSea drawing 804-2255405 Rev B.
- Fender Base Material is made in Aluminum 5086
- Fender Pad Material made from FLEXANE

#### **Replacement Fender for Lower Platform**



Lower PlatformTreads made to NavSea

**Replacement Bumper for** 

- drawing 804-2255403 Rev B.
- Fender Base Material is made in Aluminum 5086
- Fender Pad Material made from FLEXANE
- Specify Bumper Type I or II

#### **Replacement Bumper for Lower Platform**

**Replacement Fender for Lower Platform** 

Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



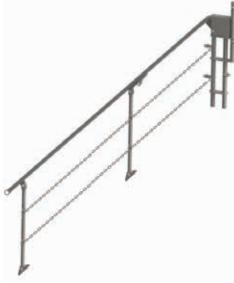
- Replacement Bumper for
  Lower Platform
- Treads made to NavSea drawing 804-225540 Rev B.
- Fender Base Material is made in Aluminum 5086
- Fender Pad Material made from FLEXANE
- Specify Bumper Type I or II

Replacement Bumper for Lower Platform



### **Replacement Parts for NavSea Ladders (Hand Rail)**

Replacement Hand Rail and Components for existing Ladders Other Replacement Parts Available. Please Contact us for Ladder Replacement Parts not shown.



**Full Hand Rail Assembly** 

- Replacement Hand Rail Assembly
- All Hand Rail Components made to NavSea drawing 804-2255408 Rev C.
- Hand Rail Material made from Aluminum 5086
- Stanchion Material made from Aluminum 5086
- Chain Material Made From Galvanized Steel



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



Corrosion Resistant Aluminum Alloy

- 2' to 6' Coaming
- Portable and Lightweight
- Patented Ladder Designs (D669,194)
- Create a Safer Work Environment
- Custom Designs and Sizes Available





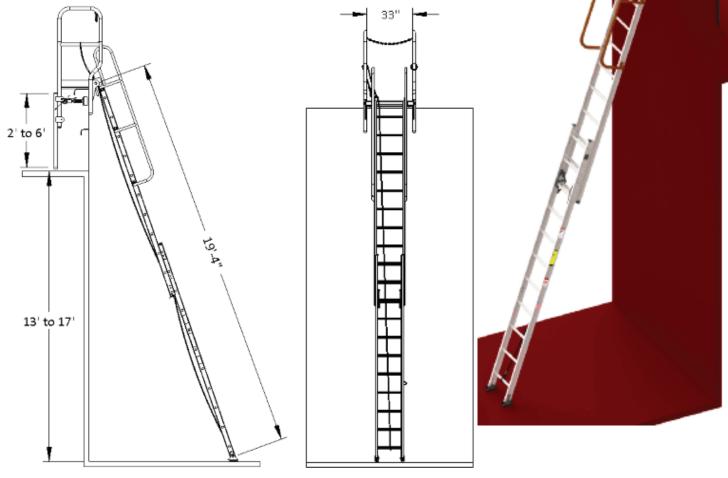
Our barge Coaming Ladders are designed for a Working Load of 300 lbs, IA rated (Industrial Heavy Duty).



1141 Reco Ave., St. Louis, MO 63126

### **Coamover** I

Safe, Fast & Reliable way to Climb Down into a Barge for Cleaning, Maintenance, etc. All Aluminum Construction Extended Hand Rails Anti-Slip Grip Portable Platform and Extension Ladder Adjustable Step for 2' to 6' Coaming Walls Pushes Up and Locks Against Wall to Clear way for a Bobcat



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.

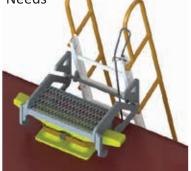


1141 Reco Ave., St. Louis, MO 63126

### **Hi-Lo Ladders**

#### **Kevel Attachment Style**

All Aluminum Construction Platform Attaches to a Standard 36" or 42" Kevel Used to Access between Loaded and Empty Barges and Back to Barge Extended Handrails Customized Lengths to Suit your Needs





#### As Shown:

Deployed Position (Right) Kevel Attachment (Left) Ladder Rungs with Anti-Slip Grip Fixed Extended Handrails Easy One Man Deployment Telescoping Ladder

#### Cruciform Bitt Attachment Style

All Aluminum Construction Platform Attaches to a Standard Cruciform Bitt Used to Access between Empty Barges Extended Handrails Roller for Portability Customized Lengths to Suit your Needs



Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



#### As Shown:

Deployed Position (Left) Stowed with Ramp Attachment for Shallow Angles (Far Left) Ladder Rungs with Anti-Slip Grip Fixed Extended Handrails Upper Platform Attaches to Cruciform Bitt Dock Roller for One-Man Deployment Telescoping Ladder



www.schoellhorn-albrecht.com

#### 1141 Reco Ave., St. Louis, MO 63126

### **Fixed "A" Frame Ladder**

Safe, Fast & Reliable way to Climb down into a Barge for Cleaning, Maintenance, etc. Heavy Duty Aluminum Construction Center Pick Point for Crane Extended Fixed Handrails Safety Swing Gate Anti-Slip Grip Customized Lengths to Suit your Needs





Product details and specifications are subject to change without notice. For additional information, drawings and specifications contact us.



1141 Reco Ave., St. Louis, MO 63126







**Bow Staple** 

Anchor







Schoellhorn-Albrecht Machine Co., Inc. 1141 Reco Ave., St. Louis, MO 63126 Telephone: 314-965-3339 FAX: 314-965-3341