



TANK ERECTION TOOLS INC

# 2025 PRODUCT CATALOG



# TABLE OF CONTENTS

<b>Tank Appurtenances</b> .....	2
Stairways .....	2
<b>Tank Tools</b> .....	2
Anti-Rotation Assy w/hardware .....	2
Bracket Strap .....	2
Bull Pin .....	3
C-Lug .....	3
Cribbing .....	4
Erection Nut Bucket .....	4
Finger Bar .....	5
I-Beam Strongback .....	5
Key Channel Strongback .....	6
Key Shim .....	6
Keyplate .....	8
Money Maker Wedge .....	10
Nuts .....	10
Plate Guy Hook .....	11
Poison Plate .....	12
Rolling Tie Off Block .....	12
Scaffold Board .....	13
Scaffold Board Chain Binder .....	13
Scaffold Bracket Carrier Unit .....	14
Scaffold Bracket/Post .....	14
Scaffold Safety Access Hatch/Aluminum .....	15
Shim Pin .....	15
Spreader Bar .....	16
Temporary Shell Ladder w/stand-offs .....	16
U-Bar .....	17
Vertical Ladder .....	17
Welder Test Plate .....	18
Welding Lead .....	18
Wire Rope .....	19
Wire Rope UBolt Clip .....	19



## 1. STAIRWAYS

**SKU:** N/A

Spiral Stairways, Stair Platforms, and Roof Rails.

Custom fabricated for all types and sizes of tanks built to customer specs.  
(Plain or Galvanized)

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## 1. ANTI-ROTATION ASSY W/HARDWARE (LUGS, BINDER, CHAIN, HOOKS)

**SKU:** Ard-Assy

Designed to prevent any rotation or lateral movement of a floating roof,  
ensuring it remains centered in the tank.

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## 1. BRACKET STRAP

**SKU:** N/A

Used to adhere scaffolding to tanks, Constructed out of carbon steel or stainless steel. Simply weld on and drop the scaffolding into the opening. The bracket strap has the industry standard single tab style slot. Double pin strap can be constructed upon request.

Part#: BS0001 (Carbon Steel)  
Thickness: 1/4" Width: 2" Length: 10-1/8"  
Weight: 1.4

Part#: BS0001s (304 Stainless Steel)  
Thickness: 1/4" Width: 2" Length: 10-1/8"  
Weight: 1.4

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## 1. BULL PIN

**SKU:** N/A

Thorough testing on our bull pins was conducted to ensure the correct hardness and retention. Machined out of special carbon steel alloy or stainless steel, our bull pin is extremely hard to fracture and will tolerate abuse. It features a tapered head that slows the "mushrooming" that occurs after being used extensively.

Part#: BP0001 (Carbon Steel)  
Width: 1-1/4" — Length: 12"  
Weight: 2.5

Part#: BP0001s (304 Stainless Steel)  
Width: 1-1/4" — Length: 12"  
Weight: 2.5

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## 1. C LUG

**SKU:** CL0001

C Lug is constructed of  $\frac{3}{4}$ " carbon steel and is a good choice for welding to the shell for slotting in bottoms or replacing a new bottom

Part#: CL0001

Material: Carbon Steel

Width: 7-1/4" — Thickness: 3/4" — Length: 7-1/2"

Weight: 10

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## 1. CRIBBING

**SKU:** TET-CRIB

Cribbing 6"x6"x48"L, rough sawn oak +/- 1/4"-1/2"

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## 1. ERECTION NUT BUCKET

**SKU:** N/A

Easily transport erection nuts

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## 1. FINGER BAR

**SKU:** FB0001

Finger Bar is constructed of carbon steel and used for fitting applications to eliminate mismatch of shell sections. 1"x4"x3/8"

Part#: FB0001

Material: Carbon Steel

Width: 1" — Thickness: 3/8" — Length: 4"

Weight: 0.5

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## 1. I-BEAM STRONGBACK

**SKU:** SB0001

Constructed from carbon steel, the I-Beam is primarily used for wind protection and girth seam fitting applications.

Part#: SB0001

Material: Carbon Steel

Height: 3" — Width: 2-1/4" — Length: 48"

Weight: 23.0

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## 1. KEY CHANNEL STRONGBACK

**SKU:** N/A

Strong backs are designed to form a stiffener between to horizontal sheets to provide stability to each ring. The Key Channel Strong back is available in 4" or 6" inch design and constructed out of structural grade channel iron. It features tabs to allow the bull pin to lock into place.

Part#: KC0002 (6" Carbon Steel)

Height: 2" — Width: 6" — Length: 48"

Weight: 44.0

Part#: KC0001 (4" Carbon Steel)

Height: 1-1/2" — Width: 4" — Length: 48"

Weight: 27

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## 1. KEY SHIM WEDGE

**SKU:** KWS0001

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## 2. KEY SHIM: STAINLESS STEEL

**SKU:** N/A

Key shims are available in 3/32", 1/8", and 5/32" thicknesses and are constructed from stainless steel. Our shims are designed to use the pin and wedge method allowing adjustment for several thicknesses of plate material.

Material: 304 Stainless Steel

Part#: KS332S — (ss 3/32")

Width: 2" - Thickness: 3/32" - Length: 4"

Weight: 0.1

Part#: KS18S — (ss 1/8")

Width: 2" - Thickness: 1/8" - Length: 4"

Weight: 0.1

Part#: KS532S — (ss 5/32")

Width: 2" - Thickness: 5/32" - Length: 4"

Weight: 0.1

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### 3. KEY SHIM: CARBON STEEL

**SKU:** N/A

Key shims are available in 3/32", 1/8", and 5/32" thicknesses and are constructed from carbon steel. Our shims are designed to use the pin and wedge method allowing adjustment for several thicknesses of plate material.

Material: Carbon Steel

Part#: KS332 — (3/32")  
Width: 2" - Thickness: 3/32" - Length: 4"  
Weight: .1

Part#: KS18 — (1/8")  
Width: 2" - Thickness: 1/8" - Length: 4"  
Weight: .1

Part#: KS10 — (10ga)  
Width: 2" - Length: 4" - Thickness: 10ga  
Weight: .1

Part#: KS532 — (5/32")  
Width: 2" - Thickness: 5/32" - Length: 4"  
Weight: .1

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### 1. 90° HINGED KEYPLATE

**SKU:** KPH001

Used for numerous fittings such as wind girder and cone sections where intermittent adjustment is needed.

90 Degree Hinged Keyplate allows for continual pull and push. It features a 110 degree to flat full range of motion

Part#: KPH001  
Material: Carbon Steel  
Height: 1-1/2" Width: 5-1/2" Length: 18-3/16"  
Weight: 19.0lbs

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## 2. 90° FIXED KEYPLATE

**SKU:** KPF001

90° Key Plate works at a 90° angle to push and pull walls as well as raise and lower. 90° fixed keyplate has a low profile design.

Part#: KPF001

Material: Carbon Steel

Height: 8" Width: 6-1/2" Length: 8"

Weight: 12.7lbs

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## 3. LIGHT DUTY KEYPLATE

**SKU:** KP0002

Light duty keyplate is based on the same design as our heavy duty keyplate but constructed out of 3/8" carbon steel. Weighing in at just under 13#, it is a great choice for smaller tanks and top rings.

Height: 4.25" — Width: 5.5" — Length: 19.25" — Weight: 12.7

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## 4. HEAVY DUTY KEYPLATE

**SKU:** KP0001

Heavy duty keyplate is a time tested design used in the industry for years. Constructed out of  $\frac{1}{2}$ " carbon steel it is able to handle all ranges of thicknesses for tank construction

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## 1. MONEY MAKER WEDGE

**SKU:** MM01

The Money Maker Wedge is a one-piece construction with a standard "nut" size of 2x2x1" with a 1-1/8" hole for attaching a rope or lanyard.

Part#: MM01

Material: Carbon Steel

Width: 5" — Height: 5" — Thickness: 2" — Length: 14"

Weight: 8.5

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## 1. BLANK ERECTION NUTS: STAINLESS STEEL



**SKU:** N/A

Erection nuts are burned, machined and drilled with 1-1/8" diameter holes. Various sizes available (Sizes below as is now)

Material: 304 Stainless Steel

Weight: 0.2, 0.3, 0.6, 0.9

Dimensions: 2"x 2" with 1-1/8" diameter holes

Size: 3/8" , 1/2" , 3/4" , 1"



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## 2. BLANK ERECTION NUTS: CARBON STEEL



**SKU:** N/A

Erection nuts are burned, machined and drilled with 1-1/8" diameter holes. Various sizes available (Sizes below as is now)

Material: Carbon Steel

Weight: 0.2, 0.3, 0.6, 0.9

Dimensions: 2"x 2" with 1-1/8" diameter holes

Size: 3/8" , 1/2" , 3/4" , 1"



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## 1. PLATE GUY HOOK

**SKU:** PGH-041

Dimensions are 7-1/2" x 7-1/2"

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## 1. POISON PLATE

**SKU:** N/A

Made of 304 Stainless Steel, these plates eliminate carbon impregnation while tools are being used on Stainless Steel. The Poison Plate reduce the cost of purchasing stainless steel key plates.

Part#: SB0001

Material: 304 Stainless Steel

Weight: 0.1

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## 1. ROLLING TIE OFF BLOCK

**SKU:** RTB-040

Attach the safety lanyard to the rolling tie-off block to easily relocate on large diameter tanks. Provides fall protection safety wherever needed.

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## 1. SCAFFOLD BOARD

**SKU:** N/A

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## 1. SCAFFOLD BOARD CHAIN BINDER (BINDER, CHAIN, HOOKS)

**SKU:** SLB-01

Used to secure scaffold bracket to the scaffold boards to hold boards in place.

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## 1. SCAFFOLD BRACKET CARRIER UNIT

**SKU:** SBC-030

Used to store and transport scaffold brackets and posts (Dimensions 5'3" H x 3'3"L)

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## 1. SCAFFOLD BRACKET/POST

**SKU:** N/A

Scaffold brackets and posts can be purchased galvanized or painted yellow. They are constructed out of carbon steel and feature the single tab design to match our bracket straps. Our posts are constructed of pipe and feature chain link cable supports.

Material: Carbon Steel

Part#: SBP001 — (Bracket-Yellow)  
Weight: 26

Part#: SPP001 — (Post-Yellow)  
Weight: 10

Part#: SBG001 — (Bracket-Galvanized)  
Weight: 26

Part#: SPG001 — (Post-Galvanized)  
Weight: 10

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## 1. SCAFFOLD SAFETY ACCESS HATCH/ALUMINUM

**SKU:** SAH-048

Allows for an entry point for our scaffolding system and works in conjunction with our temporary shell ladder.

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## 1. SHIM PIN

**SKU:** N/A

Shim has a strategically placed “stop” to prevent it from falling out of the key shim but allowing for an easier installation when used for girth seams. Used with the Key Shim and Key Shim Wedge.

Part#: SP0001

Material: Carbon Steel

Width: 3/4” — Length: 4”

Weight: 0.5

Part#: SP0001s

Material: 304 Stainless Steel

Width: 3/4” — Length: 4”

Weight: 0.5

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## 1. SPREADER BAR

**SKU:** N/A

Lifting device used in conjunction with cranes to uniformly pick up plate material

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Photos  
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## 1. TEMPORARY SHELL LADDER W/STAND-OFFS (SAFETY YELLOW)

**SKU:** SL-023

Used in conjunction with the scaffolding system and access hatch. Standard 8' tall. Custom heights available.

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## 1. U-BAR

**SKU:** N/A

U-bar is constructed of carbon steel or stainless steel and features an angled pin slot that allows the bull pin to stay in place.

Part#: UB0001

Material: Carbon Steel

Height: 1-5/8" - Thickness: 5/8" - Length: 7-3/4"

Part#: UBs0001

Material: 304 Stainless Steel

Height: 1-5/8" - Thickness: 5/8" - Length: 7-3/4"

Weight: 0.9

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## 1. VERTICAL LADDER (SAFETY YELLOW)

**SKU:** VL-004

Verticle ladders hook over the top of the tank to allow for easy access both inside and outside the tank when building, repairing or inspecting. Standard 12' Length

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## 1. WELDER TEST PLATE - 1/2 INCH

**SKU:** WTP0001

Made of 1/2" plate, welder test plates can be used for welder practice, tests and qualifications such as ASME. Sold per plate.

Part#: WTP0001

Width: 3" - Thickness: 1/2" - Length: 8" - Bevel: 22.5" - Land: 1/8"

Weight: 3.4 lbs each

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## 1. WELDING LEAD

**SKU:** N/A

Welding Leads with both Standard Duty and Heavy Duty and 6 ft Whip, 10 ft Whip, 50 ft Lead, 100 ft Lead

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## 1. 3/8" WIRE ROPE

**SKU:** WR-38

Galvanized steel wire rope contains zinc that helps withstand corrosion, wear resistance, and outdoor elements. Not suitable for marine applications.

Galvanized steel wire rope 3/8" in diameter, 7x19, 2880 Working load limit, 250 ft roll

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## 1. WIRE ROPE UBOLT CLIP

**SKU:** UBC-38

Wire Rope U-Bolt Clip, 3/8" Rope, 6-1/2" Rope Turnback, Forged Steel, (6 per 250 ft rope)

U-bolt clips tighten around wire rope with a wrench from the same side. They consist of a U-shaped bolt, a metal saddle, and two hex nuts. Wire Rope U-Bolt Clip, Compatible with 3/8" Diameter Rope, 6-1/2" Rope Turnback Length, Steel, Forged ( 6 needed per 250' of rope)

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# INDEX

## 1

- 1. 3/8" Wire Rope 19
- 1. 90° Hinged Keyplate 8
- 1. Anti-Rotation Assy w/hardware (lugs, binder, chain, hooks) 2
- 1. Blank Erection Nuts: Stainless Steel 11
- 1. Bracket Strap 3
- 1. Bull Pin 3
- 1. C Lug 4
- 1. Cribbing 4
- 1. Erection Nut Bracket 5
- 1. Finger Bar 5
- 1. I-Beam Strongback 6
- 1. Key Channel Strongback 6
- 1. Key Shim Wedge 7
- 1. Money Maker Wedge 10
- 1. Plate Guy Hook 12
- 1. Poison Plate 12
- 1. Rolling Tie Off Block 13
- 1. Scaffold Board 13
- 1. Scaffold Board Chain Binder (binder, chain, hooks) 14
- 1. Scaffold Bracket Carrier Unit 14
- 1. Scaffold Bracket/Post 15
- 1. Scaffold Safety Access Hatch/Aluminum 15
- 1. Shim Pin 16
- 1. Spreader Bar 16
- 1. Stairways 2
- 1. Temporary Shell Ladder w/stand-offs (Safety Yellow) 17
- 1. U-Bar 17
- 1. Vertical Ladder (Safety Yellow) 18
- 1. Welder Test Plate - 1/2 Inch 18
- 1. Welding Lead 19
- 1. Wire Rope UBolt Clip 20

## 2

- 2. 90° Fixed Keyplate 9
- 2. Blank Erection Nuts: Carbon Steel 11
- 2. Key Shim: Stainless Steel 7

## 3

- 3. Key Shim: Carbon Steel 8
- 3. Light Duty Keyplate 9

## 4

- 4. Heavy Duty Keyplate 10

# LET'S BUILD SOMETHING TOGETHER



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