WORK BRIDGES

WB1224

SAFETY, ASSEMBLY & PARTS MANUAL

Manual Part #: 068521 | Revision: B
Language: English | Original Instructions

ALLEN
CONCRETE PAVERS

WORK BRIDGE
SAFETY, ASSEMBLY & PARTS MANUAL

This manual covers the products listed below:

Part No.	Description
-	WB1224, Work Bridge

NOTICE

This manual, or a copy of it, must be kept with the machine at all times.
There is a manual storage container located on the machine for your convenience.

Allen Products are covered under one or more of the following patent numbers:
10,100,537; 9,068,301; 9,068,300; 8,360,680; 7,690,864; 7,114,876B1; 6,857,815B2; 6,582,153
With other Patents Pending.

Printed in U.S.A.

Limited Warranty

Allen Engineering Corporation ("Allen") warrants its products to be free of defects in material or workmanship for:

TWO YEARS FROM END USER'S DATE OF PURCHASE

Warranty period begins on the date of purchase by the End User of the product. All warranty is based on the following limited warranty terms and conditions, including the disclaimer of implied warranties and consequential damages.

1. Allen's obligation and liability under this warranty is limited to repairing or replacing parts if, after Allen's inspection, there is determined to be a defect in material or workmanship. Allen reserves the choice to repair or replace.
2. If Allen chooses to replace the part, it will be at no cost to the customer and will be made available to the Allen Distributor, Dealer, or Rental Center from whom the End User purchased the product.
3. Replacement or repair parts, installed in the product, are warranted only for the remainder of warranty period of the product as though they were the original parts.
4. Allen does not warranty engines or batteries. Engine warranty claims should be made directly to an authorized factory service center for the particular engine manufacturer. Batteries are not warranted due to unknown treatment during transport, etc, and any battery claims should be directed to the battery manufacturer.
5. Allen's warranty does not cover the normal maintenance of products or its components (such as engine tuneups and oil & filter changes). The warranty also does not cover normal wear and tear items (such as belts and consumables).
6. Allen's warranty will be void if it is determined that the defect resulted from operator abuse, failure to perform normal maintenance on the product, modification to product, alterations or repairs made to the product without the written approval of Allen. Allen specifically excludes from warranty any damage to any trowels resulting from an impact to the rotors.
7. Impact damage to gear boxes is not covered under the Allen warranty and is deemed customer abuse.
8. Allen will pay shop labor on warranty items at the Allen Shop Labor Rate in existence on the date of the warranty claim. An Allen labor chart will determine the time allowed to complete a repair and will govern the shop labor hours that will be allowed.
9. Allen will pay freight on warranty replacement parts at worldwide standard ground rates. No warranty replacement parts will be shipped air freight at the expense of Allen. Allen only pays outbound freight charges when sending warranty replacement parts to the customer via ground service. Allen does not pay any inbound freight. However, if Allen determines this to be a warranted item, only then will Allen reimburse the customer for inbound freight at standard ground rates.
10. ALLEN ENGINEERING CORPORATION'S WARRANTY POLICY WILL NOT COVER THE FOLLOWING: TAXES; SHOP SUPPLIES; ENVIRONMENTAL SURCHARGES; AIR FREIGHT; TRAVEL TIME; LOSS OF TIME; INCONVENIENCE; LOSS OF RENTAL REVENUE; RENTAL COSTS OF EQUIPMENT USED TO REPLACE THE PRODUCT BEING REPAIRED; LOSS OF USE OF THE PRODUCT; COMMERCIAL LOSS; OR ANY OTHER CHARGES WHATSOEVER OR ANY LIABILITIES FOR DIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE OR DELAY.
11. ALLEN ENGINEERING CORPORATION MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED. THIS LIMITED WARRANTY IS IN LIEU OF THE WARRANTY OF MERCHANTABILITY AND FITNESS. THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THIS DOCUMENT.
12. No Allen employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Allen Engineering Corporation.

GENERAL INFORMATION

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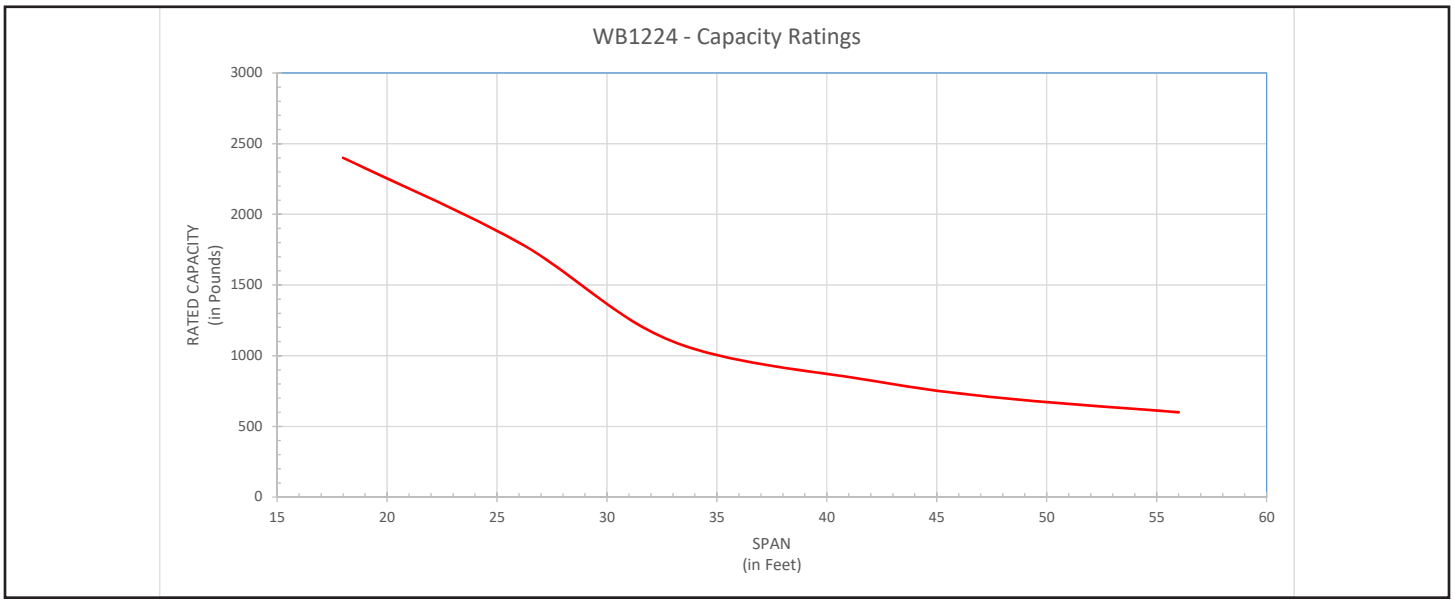
Load Capacity Ratings



Notes on Load Capacity Ratings:

1. Maximum span/rating with 7-1/2 ft sections (x7): ***56ft @ 600lbs***
   - Total span above **INCLUDES** End Frame and Wheels
   - Total span of **SECTIONS ONLY:** ***52-1/2 ft***
2. All ratings are calculated using the largest sections available to achieve desired length.
3. Load ratings are calculated using pneumatic tires.
4. Deflection should exceed no more than 2.62” with Maximum span/weight applied.
5. Calculations are done without factoring weather. Please note that in adverse weather conditions, capacity ratings need to be decreased.

Please contact Allen Engineering PRODUCT SUPPORT with any questions reguarding load capacity.

Information Contained in this Manual

This manual provides information and procedures to safely operate and maintain the Allen Machine.

For your own safety and protection from personal injury, carefully read, understand, and observe the safety instructions described in this manual. Keep this manual or a copy of it with the machine at all times.

Always operate this machine in accordance with the instructions described in this manual. A well maintained piece of equipment will provide many years of trouble free operation.

This manual is divided into the following sections:

SECTION 1
SAFETY

SECTION 2
ASSEMBLY

SECTION 3
PARTS

Complete any warranty requirements as specified by the engine manufacturer in their instructions found inside the manual box located on the back of the riding trowel operator's seat.

Your engine and clutch is not manufactured by Allen Engineering Corporation, Inc, and therefore is not covered under Allen Engineering Corporation, Inc warranty.

Your engine manufacturer should be contacted if you wish to purchase a parts manual or a repair manual for your engine.

Refer to enclosed owners engine manual for complete OEM instructions. See your battery manufacturer for battery warranty.

Dealer Information / Ordering Parts

Your Dealer has Allen Engineering Corporation trained mechanics and original Allen replacement parts. Always contact the Allen Dealer who sold you this machine for Allen Certified repairs and replacement parts.

Place Allen Dealer information below for future reference.

Dealer Name: _____ Dealer Phone #: (_____) - _____ - _____ Address: _____ City / State / Zip: _____	Salesman: _____ Salesman Phone #: _____ Additional Comments: _____ _____ _____

The "PARTS & DECALS MANUAL" contain illustrated parts lists for help in ordering replacement parts for your machine. Follow the instructions below when ordering parts to ensure prompt and accurate delivery:

1. All orders for service parts - include the serial number for the machine. Shipment will be delayed if this information is not available.
2. Include correct description and part number from the "PARTS & DECALS MANUAL"
3. Specify exact shipping instructions, including the preferred routing and complete destination address.
4. **DO NOT** return parts to AEC without receiving written authorization from AEC. All authorized returns must be shipped pre-paid.
5. When placing an order, please contact the AEC dealer nearest you.

NOTE

ALL INFORMATION, SPECIFICATIONS, AND ILLUSTRATIONS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE AND ARE BASED ON THE LATEST INFORMATION AT THE TIME OF PUBLICATION.

Model Number

Manufacturer's Codes:

When ordering parts or requesting service information, you will always be asked to specify the model and serial numbers of the machine. The legends below specifically defines each significant character or group of characters of the Model Number and Serial Number codes.

Model Number

WB 1224

Series
1224 (12" High x 24" Wide)

Work Bridge

Technical Specifications

These work bridges are ideal for joint work, applying curing compounds, bull-floating, applying textures or whenever a suitable platform for doing bridge work is required. The Allen Work Bridge is an economical workhorse on any job site.

Work Bridge 1224	
Dimensions (H x W x L)	12” x 24” x (2’, 5’, 7-1/2’)
Section Lengths	2’ 5’ 7-1/2’
Maximum Length (Feet)	50
Minimum Height (in) {Top of Deck}	15
MaximumHeight (in) {Top of Deck}	60
Weight	2 FT Section: 66 lbs 5 FT Section: 127 lbs 7-1/2 FT Section: 175 lbs
Wheels	Pneumatic Foam Filled Flanged Style for Forms Cupped Style for Pipe Rails

SECTION 1
SAFETY

⚠ WARNING

RESPIRATORY HAZARDS

Grinding/cutting/drilling of masonry, concrete, metal and other materials can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm.

SILICOSIS WARNING

Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica.

⚠ WARNING

Cancer and Reproductive Harm
www.P65Warnings.ca.gov

CALIFORNIA PROPOSITION 65 WARNING

Gasoline engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

Manual Tag Safety Detail

Safety-Alert Signs

This manual contains Safety-Alert Signs, as defined below, which must be followed to reduce the possibility of improper service damage to the equipment or personal injury. Read and follow all Safety-Alert Signs included in this manual.

NOTE defines an operating procedure, condition, etc. which is essential to highlight that contains useful or important information.

EMERGENCY is used for the identification of safety equipment, first aid, or emergency egress locations.

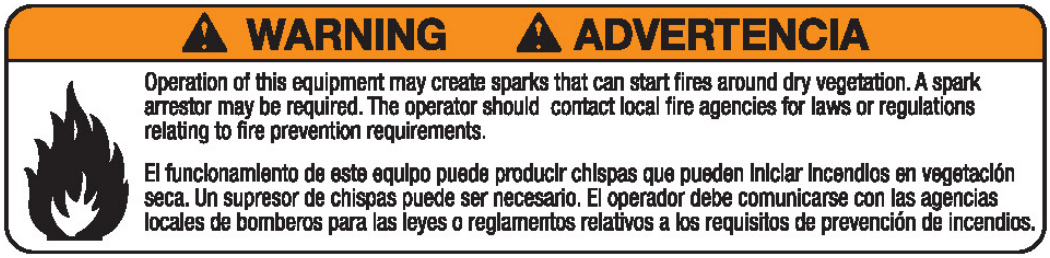
NOTICE used to convey safety information on labels and signs.

CAUTION is indicative of a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

WARNING Indicative of a potentially hazardous situations that could result in death or serious injury

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury

Spark Arrestor Notice / Hazard Symbols



Some states require that in certain locations arrestors be used on internal combustion engines. A spark arrester is a device designed to prevent the discharge of spark or flames from the engine exhaust. It is often required when operating equipment on forested land to prevent the risk of fires. Consult the engine distributor or local authorities and make sure that you comply with regulations regarding spark arrestors.

Symbol	Safety Hazard
	Lethal exhaust gas hazards
	Explosive fuel hazards
	Burn hazards
 	Rotating parts/crush hazards
	Pressurized fluid hazards
	Hydraulic fluid hazards

Potential hazards associated with the operation of this equipment will be referenced with hazard symbols which may appear throughout this manual in conjunction with safety notes.

Operating Safety

⚠ WARNING

Familiarity and proper training are required for the safe operation of this equipment! Equipment operated improperly or by untrained personnel can be dangerous! Read the operating instructions contained in both this manual and the engine manual and familiarize yourself with the location and proper use of all controls.

- **NEVER** operate this machine in applications for which it is not intended.
- **NEVER** operate this machine while under the influence of drugs or alcohol.
- **NEVER** allow anyone to operate this equipment without proper training. People operating this equipment must be familiar with the risks and hazards associated with it.
- **NEVER** touch the engine or muffler while the engine is on or immediately after it has been turned off. These areas get hot and may cause burns.
- **NEVER** use accessories or attachments that are not recommended by AEC. Damage to equipment and injury to the user may result.
- **NEVER** operate the machine with the belt guard missing. Exposed drive belt and pulleys create potentially dangerous hazards that can cause serious injuries.
- **NEVER** leave machine running unattended.
- **DO NOT** run the machine indoors or in an enclosed area such as a deep trench unless adequate ventilation, through such items as exhaust fans or hoses, is provided. Exhaust gas from the engine contains poisonous carbon monoxide gas; exposure to carbon monoxide can cause loss of consciousness and may lead to death.
- **ALWAYS** remain aware of moving parts and keep hands, feet, and loose clothing away from the moving parts of the equipment.
- **ALWAYS** keep hands, feet, and loose clothing away from moving parts of the machine.
- **ALWAYS** read, understand, and follow procedures in the Operator's Manual before attempting to operate the equipment.
- **ALWAYS** be sure operator is familiar with proper safety precautions and operation techniques before using machine.
- **ALWAYS** close fuel valve on engines equipped with one when machine is not being operated.
- **ALWAYS** store the equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.
- **ALWAYS** operate the machine with all safety devices and guards in place and in working order.

Engine Safety

⚠ DANGER

Internal combustion engines present special hazards during operation and fueling. Read and follow the warning instructions in the engine owner's manual and the safety guidelines below. Failure to follow the warnings and safety guidelines could result in severe injury or death.

- **DO NOT** run the machine indoors or in an enclosed area such as a deep trench unless adequate ventilation, through such items as exhaust fans or hoses, is provided. Exhaust gas from the engine contains poisonous carbon monoxide gas; exposure to carbon monoxide can cause loss of consciousness and may lead to death.
- **DO NOT** smoke while operating the machine.
- **DO NOT** smoke when refueling the engine.
- **DO NOT** use fuel that is more than 90 days old. Use of unmixed, improperly mixed, or fuel older than 90 days, (stale fuel), may cause hard starting, poor performance, or severe engine damage and void the product warranty.
- **DO NOT** refuel a hot or running engine.
- **DO NOT** refuel the engine near an open flame.
- **DO NOT** spill fuel when refueling the engine.
- **DO NOT** run the engine near open flames.
- **ALWAYS** refill the fuel tank in a well-ventilated area.
- **ALWAYS** replace the fuel tank cap after refueling.
- **ALWAYS** keep the area around the muffler free of debris such as leaves, paper, cartons, etc. A hot muffler could ignite the debris and start a fire.

Service Safety

⚠ WARNING

Poorly maintained equipment can become a safety hazard! In order for the equipment to operate safely and properly over a long period of time, periodic maintenance and occasional repairs are necessary.

- **ALWAYS** disconnect the battery before servicing the equipment.
- **DO NOT** attempt to clean or service the machine while it is running. Rotating parts can cause severe injury.
- **DO NOT** crank a flooded engine with the spark plug removed on gasoline-powered engines. Fuel trapped in the cylinder will squirt out the spark plug opening.
- **DO NOT** test for spark on gasoline-powered engines if the engine is flooded or the smell of gasoline is present. A stray spark could ignite the fumes.
- **DO NOT** use gasoline or other types of fuels or flammable solvents to clean parts, especially in enclosed areas. Fumes from fuels and solvents can become explosive.
- **ALWAYS** turn engine off and remove key from machine before performing maintenance or making repairs.
- **ALWAYS** keep the area around the muffler free of debris such as leaves, paper, cartons, etc. A hot muffler could ignite the debris and start a fire.
- **ALWAYS** replace worn or damaged components with spare parts designed and recommended by AEC Corporation.
- **ALWAYS** disconnect the spark plug on machines equipped with gasoline engines, before servicing, to avoid accidental start-up.
- **ALWAYS** switch off the power supply at the battery disconnect before adjusting or maintaining the electrical equipment.
- **ALWAYS** keep the machine clean and labels legible. Replace all missing and hard-to read labels. Labels provide important operating instructions and warn of dangers and hazards.

ALWAYS DO A THOROUGH INSPECTION OF THE SLINGS, CHAINS, AND HOOKS BEFORE ATTEMPTING TO LIFT THE MACHINE!

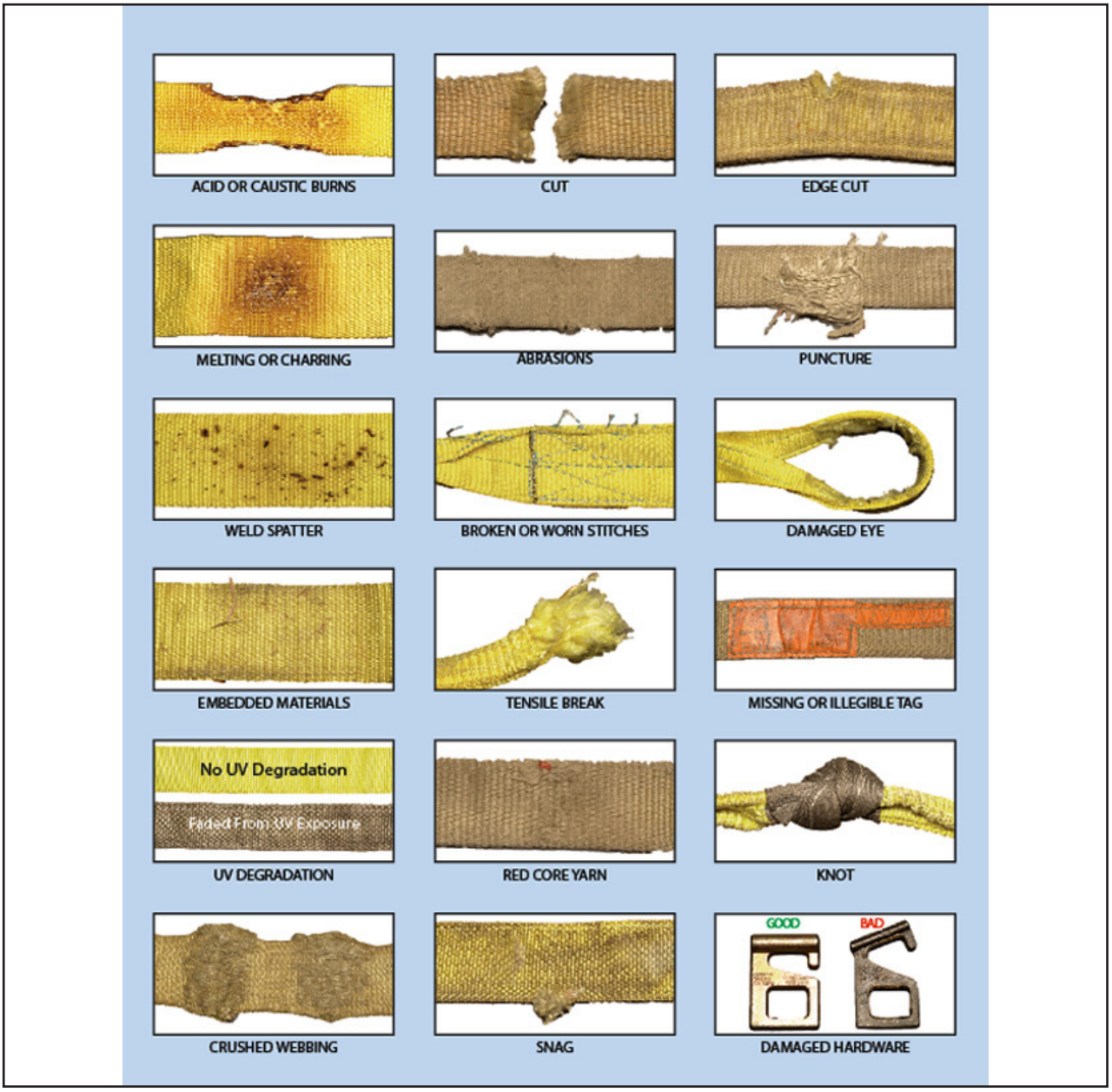
OSHA has set forth guidelines which detail the use of Rigging Equipment for Material handling. This guideline is found under

OSHA Standard Number: 1926.251

Please read and follow all guidelines found in this standard.

Removal from service.

Synthetic web slings shall be immediately removed from service if any of the following conditions are present:

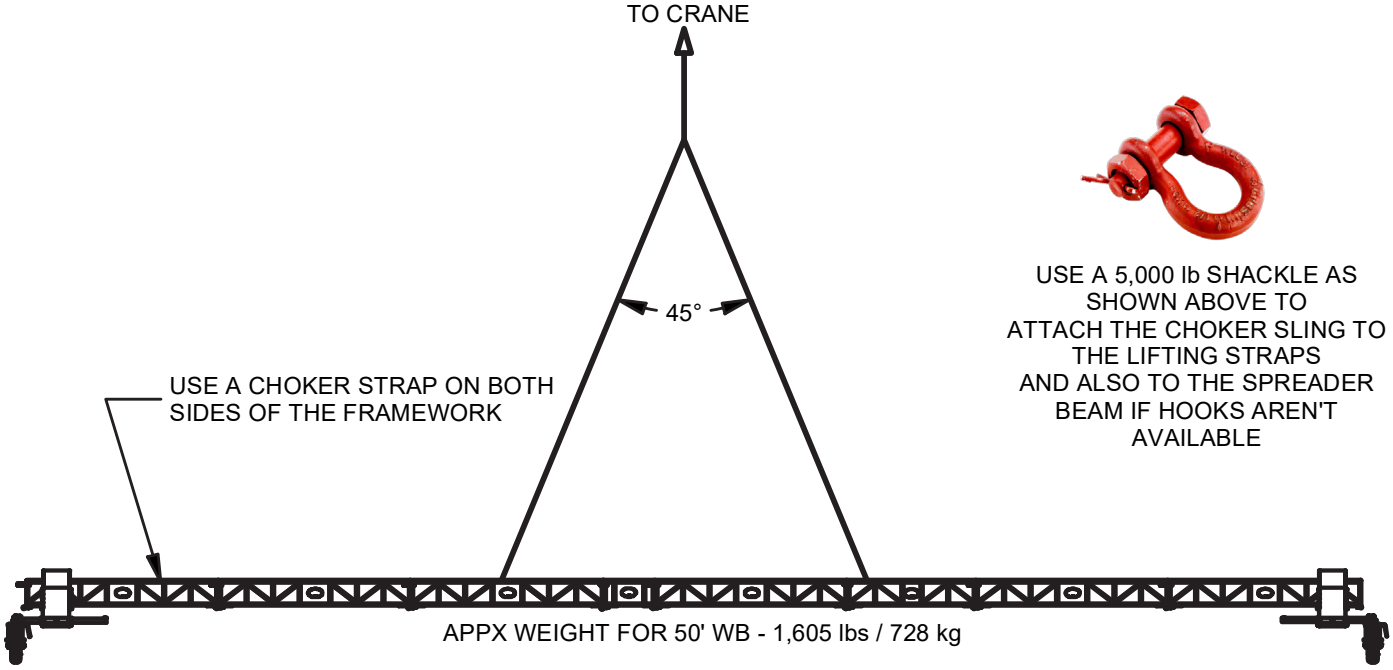


Lifting Safety

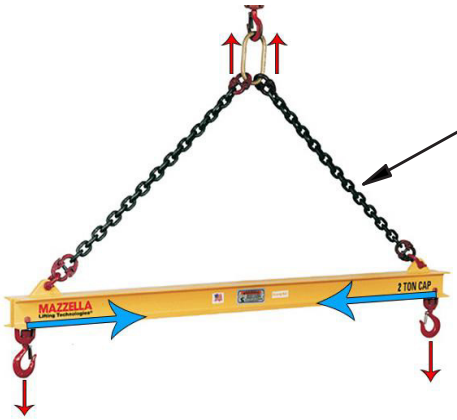
PLEASE CONSULT ON-SITE SAFETY COORDINATOR BEFORE ATTEMPTING TO LIFT MACHINE.
IMPROPER RIGGING AND LIFTING CAN RESULT IN **INJURY OR DEATH**.

BELOW IS AN EXAMPLE OF STRAP PLACEMENT AND LIFTING PROCEDURES, BUT THIS **SHOULD NOT** BE USED AS A GUIDE FOR LIFTING THE MACHINE!

(ON LONGER WORKBRIDGES, A SPREADER BEAM MAY BE REQUIRED.)



USE A 5,000 lb SHACKLE AS SHOWN ABOVE TO ATTACH THE CHOKER SLING TO THE LIFTING STRAPS AND ALSO TO THE SPREADER BEAM IF HOOKS AREN'T AVAILABLE



SPREADER BEAM EXAMPLE

LIFTING STRAP EXAMPLE

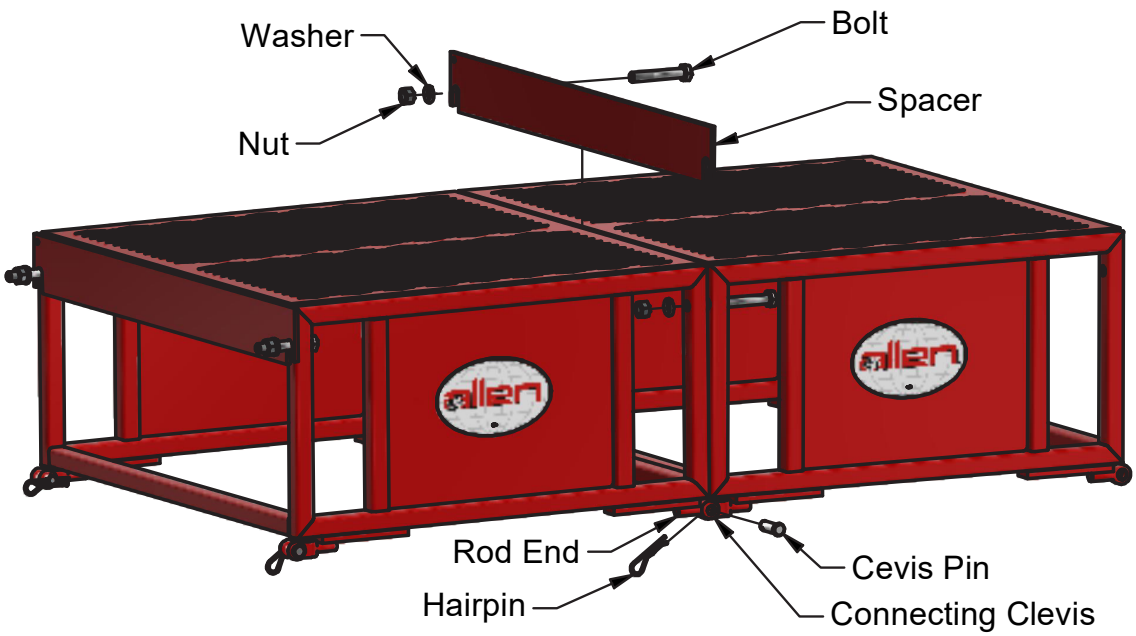
CHOKER SLING EXAMPLE

- Make sure the hitch and coupling of the towing vehicle are rated equal to, or greater than the trailer "gross vehicle weight rating."
- **ALWAYS** inspect the hitch and coupling for wear. Never tow a trailer with defective hitches, couplings, chains, etc.
- Check the tire air pressure on both towing vehicle and trailer. Trailer tires should be inflated to 50 psi cold. Also check the tire tread wear on both vehicles.
- **ALWAYS** make sure the trailer is equipped with a safety chain.
- **ALWAYS** properly attach trailer's safety chains to towing vehicle.
- **ALWAYS** make sure the vehicle and trailer directional, backup, brake and trailer lights are connected and working properly.
- DOT Requirements include the following:
    - Connect and test electric brake operation.
    - Secure portable power cables in cable tray with tie wraps.
- The maximum speed for highway towing is 55 MPH unless posted otherwise. Recommended off-road towing is not to exceed 15 MPH or less depending on type of terrain.
- Avoid sudden stops and starts. This can cause skidding, or jack-knifing. Smooth, gradual starts and stops will improve towing.
- Avoid sharp turns to prevent rolling.
- Trailer should be adjusted to a level position at all times when towing.
- Raise and lock trailer wheel stand in up position when towing.
- Place chock blocks underneath wheel to prevent rolling while parked.
- Place support blocks underneath the trailer's bumper to prevent tipping while parked.
- Use the trailer's swivel jack to adjust the trailer height to a level position while parked.
- Use tie downs to ensure machine does not move during transportation.

SECTION 2
ASSEMBLY

See below for assembly of the WB1224 workbridge.

Work Bridge Section Connections:

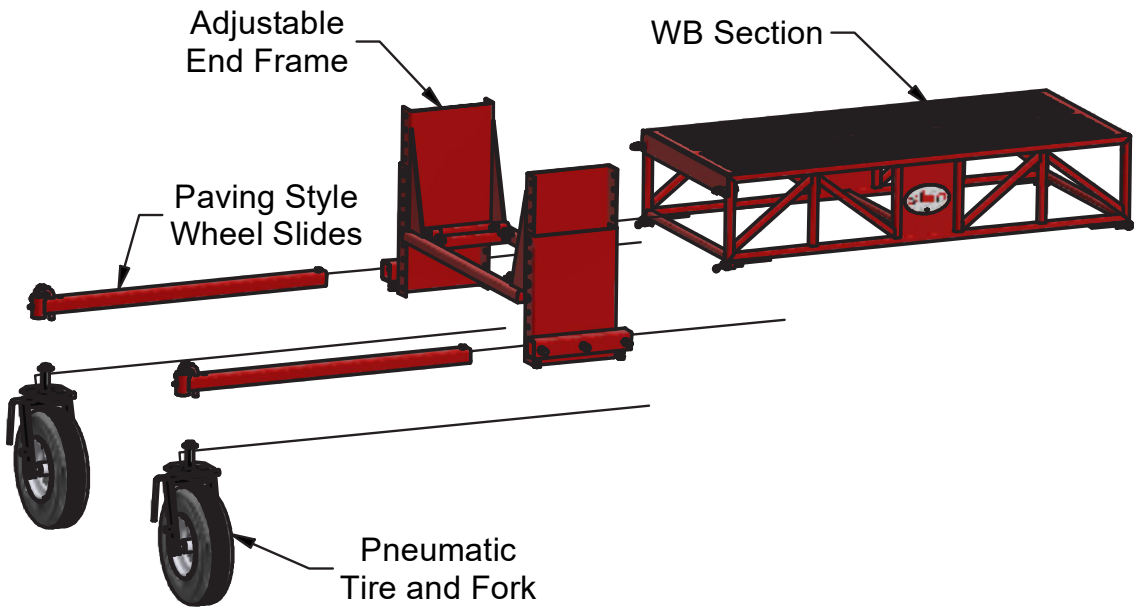


1. Align WB section so that the Connecting Clevis sits outside the rod end.
2. Insert clevis pin through connecting clevis, also passing through the Rod End.
3. Inser haripin into hold on clevis pin, locking the clevis pin in place.
4. Do this for both sides o fthe WB section.
5. Raise opposite WB section so that it is level with the first section, making sure to leave room the spacer to be added.
6. Insert Bolt into hole provided in the WB Frame, do this for both sides of the section.
7. Place spacer inbetween the two workbridge sections, hanging it on the bolts that were inserted in Step 6.
8. Place Washer and Nut onto bolt and tighten, do this for both sides of the section.

Note: Use the largest sections available, placing the largest sections in the center and the smaller sections at the ends. This will reduce the number of hinge points where the load bearing will be the greatest.

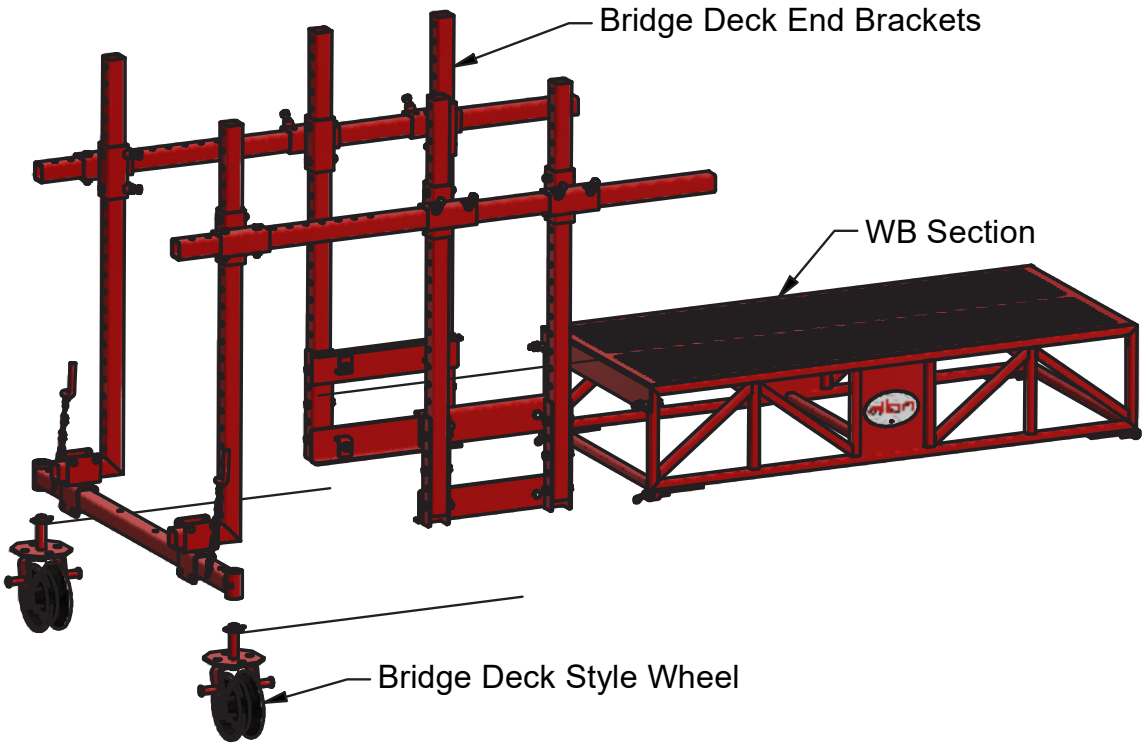
Assembly Instructions

Adjustable End Frame & Pneumatic Tire Assembly



1. Loosen clips on Adjustable End Frame (AEF) and place WB Section “on top” of AEF.
2. Remove bolt assembly from the rear of the Paving Style Wheel Slides (PSWS) and slide the PSWS into the slots shown on the AEF.
3. Replace bolt assembly on PSWS.
4. Slide PSWS to desired length and tighten screws on AEF to secure in place.
5. Remove cotter pin and washer from the Pneumatic Tire and Fork (PTF) assembly.
6. Insert wheel into PSWS and replace washer and cotter pin.
7. Make sure the Locking Pin on the PSWS is securely positioned in one of the holes provided on the PTF assembly.

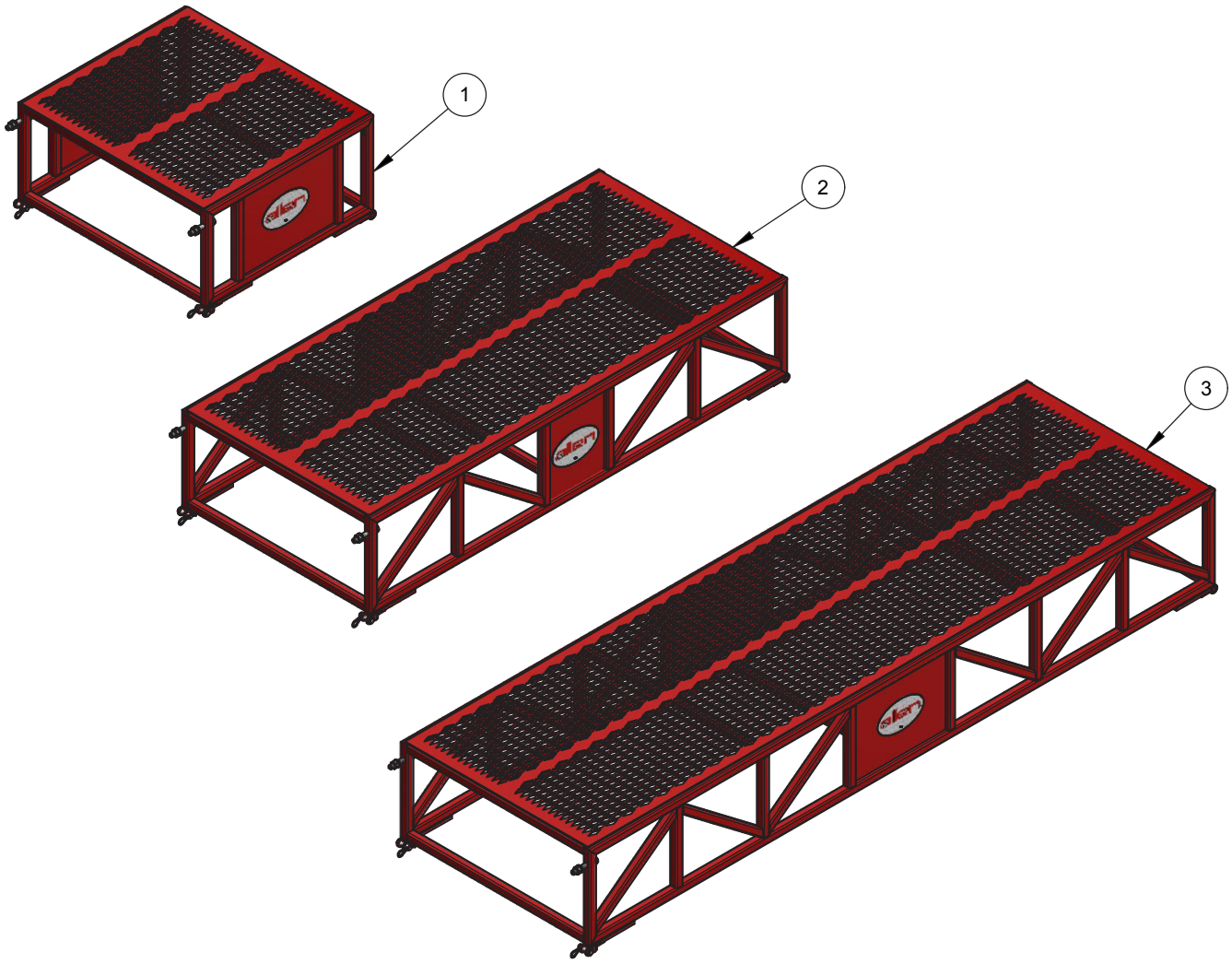
Bridge Deck End Brackets & Wheel Assembly



1. Loosen clip and slide Bridge Deck End Bracket (BDEB) around workbridge section, and tighten clips back to secure end frame bracket.
2. Remove cotter pin and washer from the Bridge Deck Style Wheel (BDSW) assembly.
3. Insert wheel into BDEB and replace washer and cotter pin.
4. Make sure the Locking Pin on the BDEB is securely positioned in one of the holes provided on the BDSW assembly.

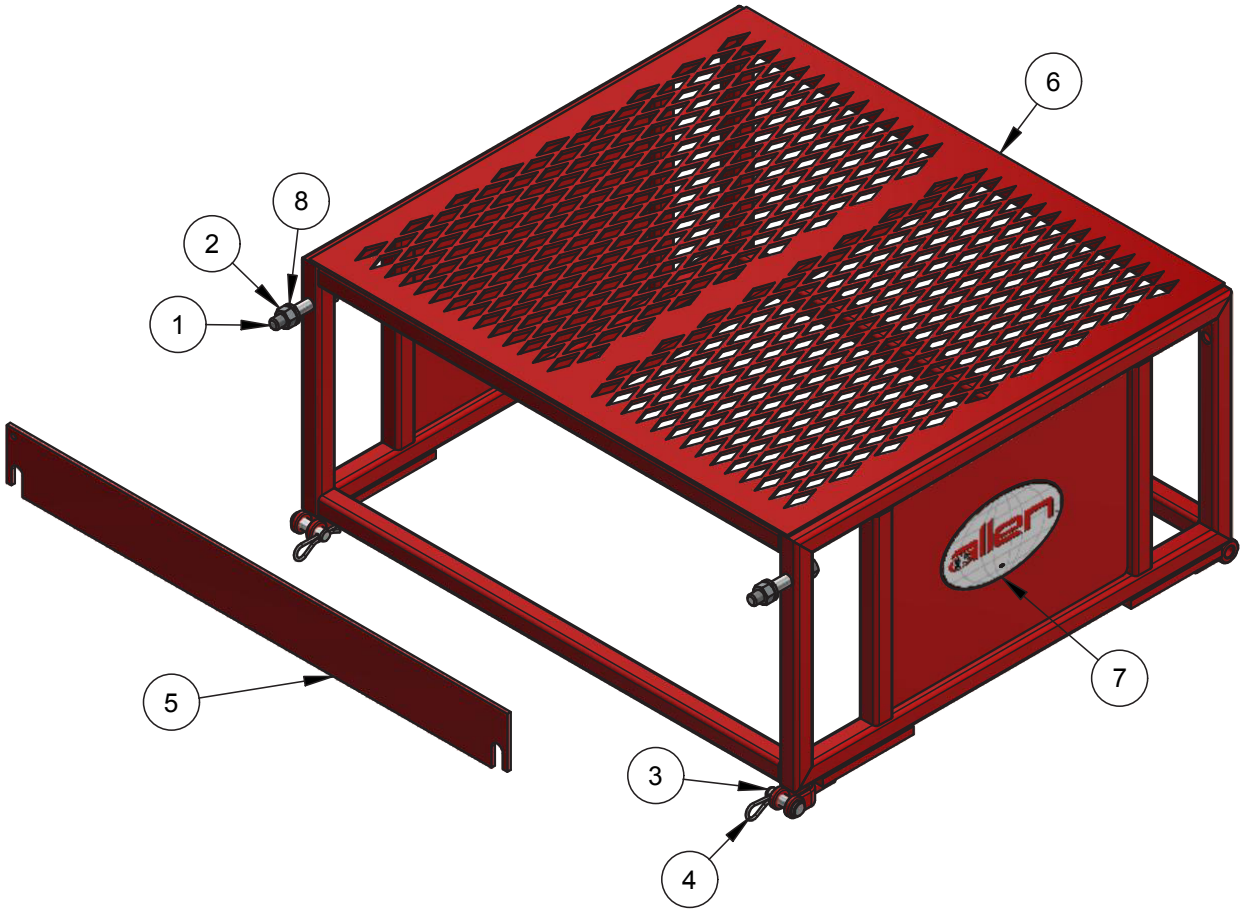
SECTION 3
PARTS

Mainframe Sizes



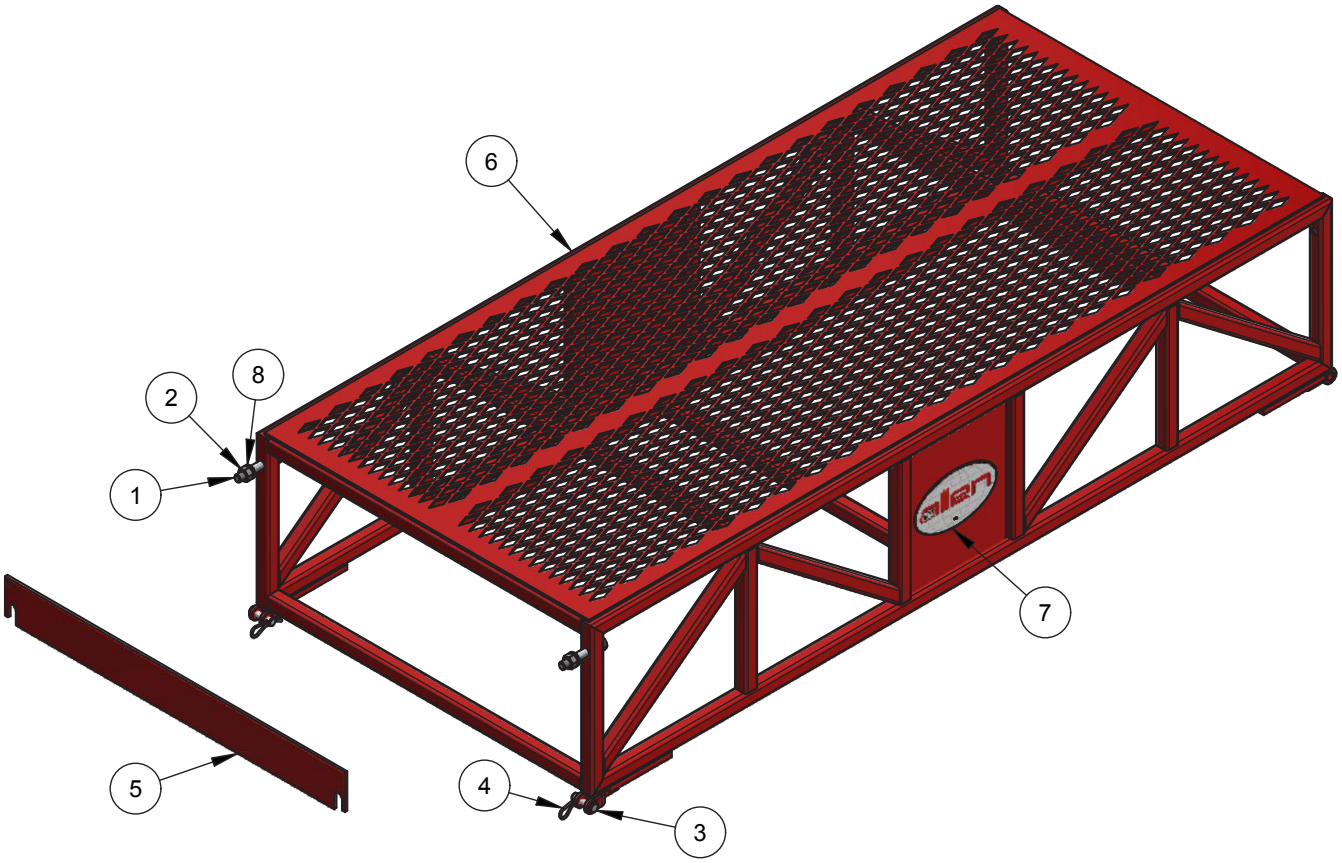
ITEM	PART #	DESCRIPTION	QTY
1	047568	Assembly, Mainframe, 2 Foot	1
2	047569	Assembly, Mainframe, 5 Foot	2
3	047570	Assembly, Mainframe, 7-1/2 Foot	1

Mainframe Assembly - 2 Foot



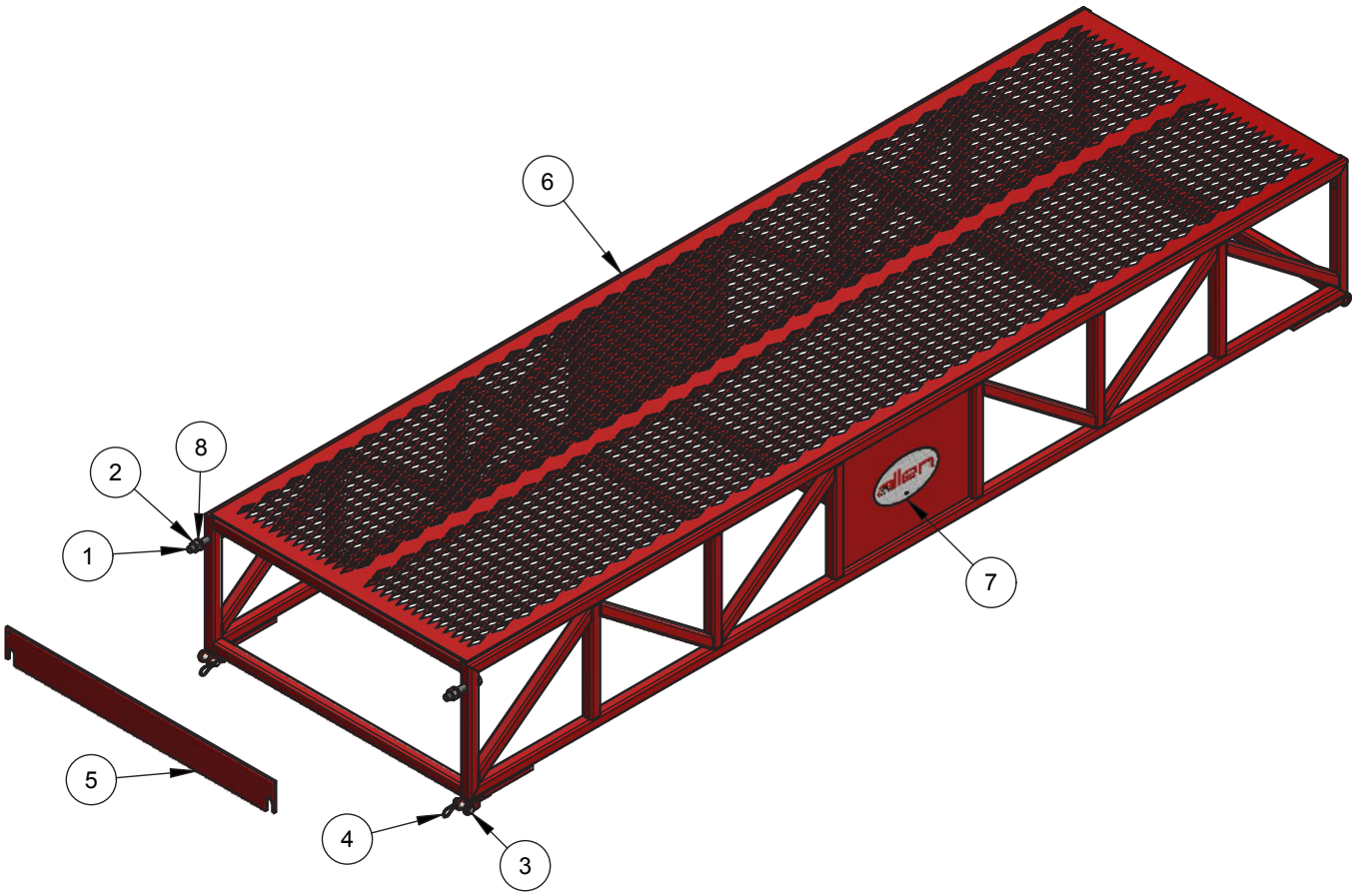
ITEM	PART #	DESCRIPTION	QTY
-	047568	Assembly, Mainframe, 2’	-
1	010002	Fastener, Bolt, HHCS, 1/4”-20 x 3/4”, Grade 8	2
2	010106	Fastener, Nut, Hex, 1/2”-13	2
3	010125	Fastener, Pin, Clevis, 1/2”	2
4	010711	Clip, Hitch Pin, 1/8” x 2-9/16”	2
5	047469	Spacer, Workbridge, 27-1/4”	1
6	047552	Weldment, Frame, 2’	1
7	-	-	1
8	010093	Fastener, Washer, Lock, 1/2”, Grade 8	2

Mainframe Assembly - 5 Foot



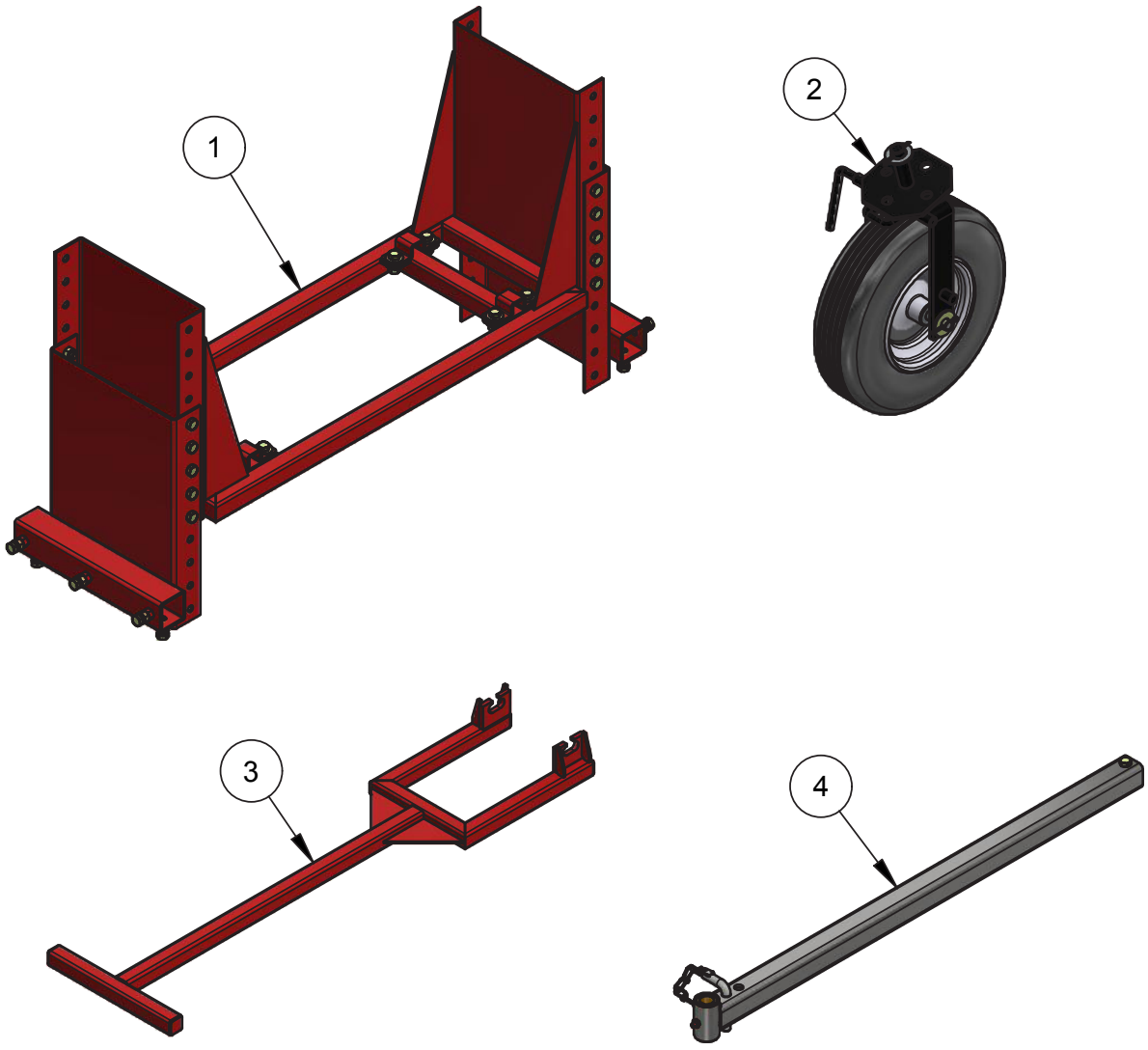
ITEM	PART #	DESCRIPTION	QTY
-	047569	Assembly, Mainframe, 5’	-
1	010002	Fastener, Bolt, HHCS, 1/4”-20 x 3/4”, Grade 8	2
2	010106	Fastener, Nut, Hex, 1/2”-13	2
3	010125	Fastener, Pin, Clevis, 1/2”	2
4	010711	Clip, Hitch Pin, 1/8” x 2-9/16”	2
5	047469	Spacer, Workbridge, 27-1/4”	1
6	047551	Weldment, Frame, 5’	1
7	-	-	1
8	010093	Fastener, Washer, Lock, 1/2”, Grade 8	2

Mainframe Assembly - 7.5 Foot



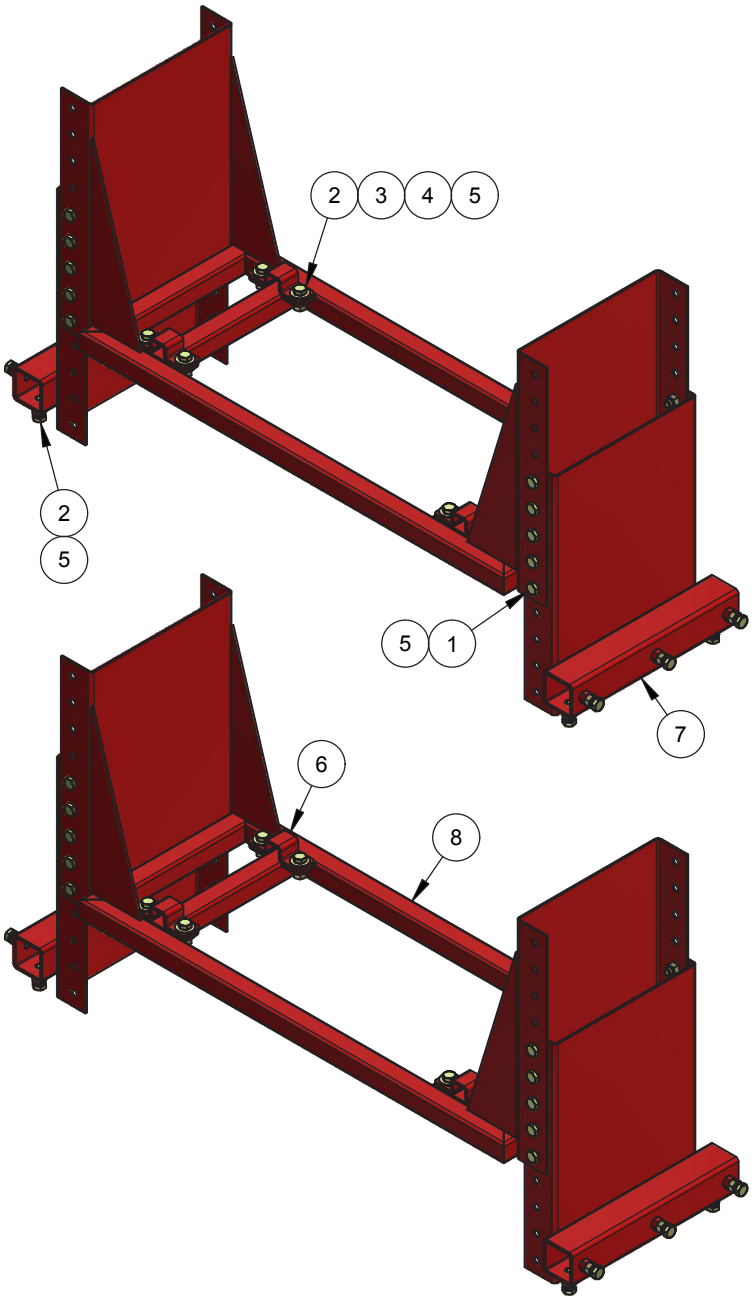
ITEM	PART #	DESCRIPTION	QTY
-	047570	Assembly, Mainframe, 7-1/2'	-
1	010002	Fastener, Bolt, HHCS, 1/4"-20 x 3/4", Grade 8	2
2	010106	Fastener, Nut, Hex, 1/2"-13	2
3	010125	Fastener, Pin, Clevis, 1/2"	2
4	010711	Clip, Hitch Pin, 1/8" x 2-9/16"	2
5	047469	Spacer, Workbridge, 27-1/4"	1
6	047550	Weldment, Frame, 7-1/2'	1
7	-	-	1
8	010093	Fastener, Washer, Lock, 1/2", Grade 8	2

Endframe Assembly Kit



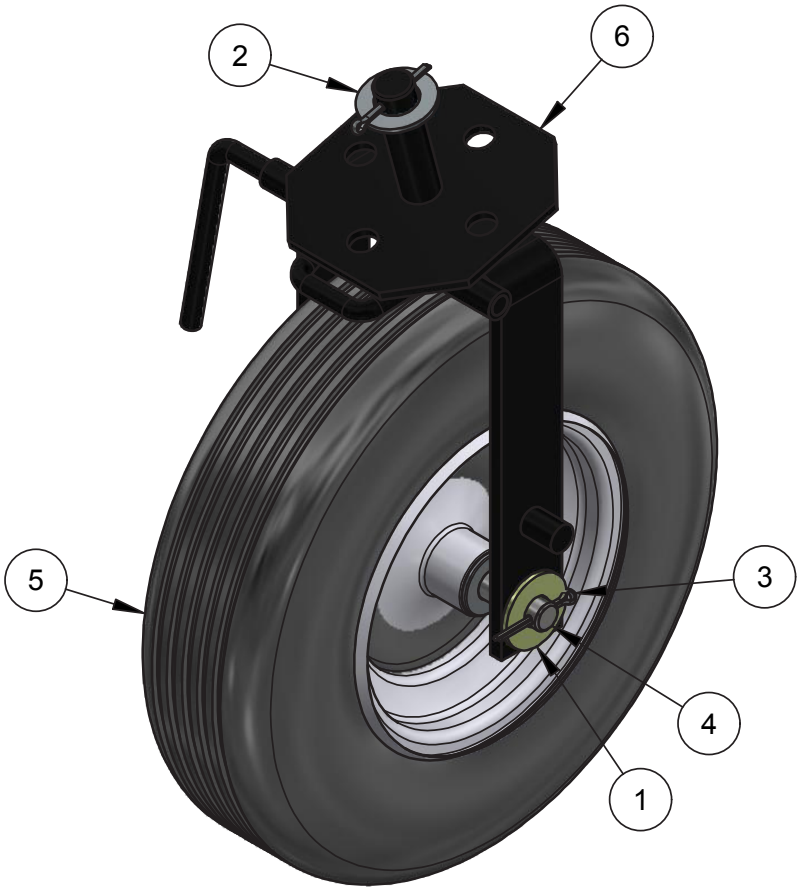
ITEM	PART #	DESCRIPTION	QTY
-	070061	Kit, WB1224, End Frame Assembly	-
1	020462	Assembly, End Frame Bracket (SET)	1
2	221029	Assembly, Tire, Pneumatic, with Attaching Fork	4
3	221115	Fork, Steering	2
4	221257	Slide, Wheel, Paving Style	4

Endframe Bracket Assembly



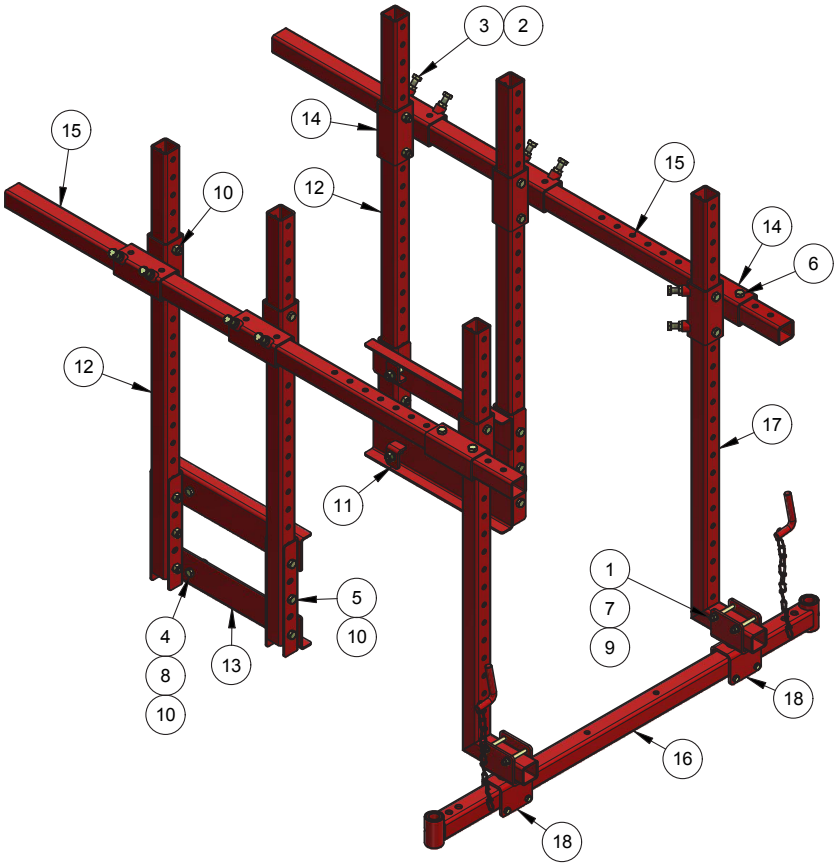
ITEM	PART #	DESCRIPTION	QTY
-	020462	Assembly, Endframe, Adjustable (SET)	-
1	010002	Fastener, Bolt, HHCS, 1/4”-20 x 3/4”, Grade 8	2
2	010106	Fastener, Nut, Hex, 1/2”-13	2
3	010125	Fastener, Pin, Clevis, 1/2”	2
4	010711	Clip, Hitch Pin, 1/8” x 2-9/16”	2
5	047469	Spacer, Workbridge, 27-1/4”	1
6	047550	Weldment, Frame, 7-1/2’	1
7	010093	Fastener, Washer, Lock, 1/2”, Grade 8	2

Rubber Tire Assembly



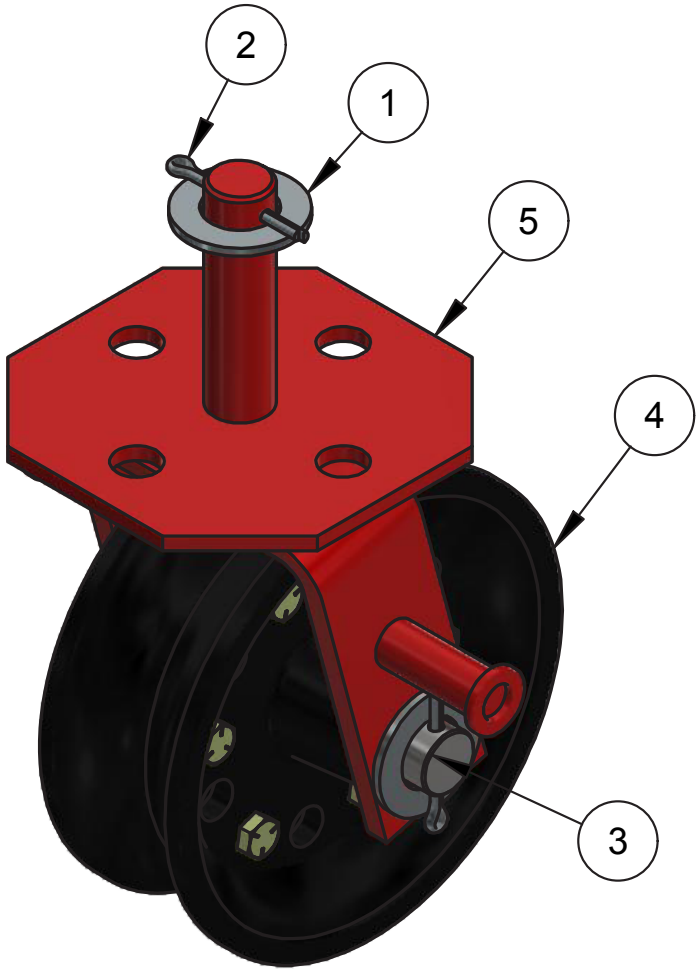
ITEM	PART #	DESCRIPTION	QTY
-	221029	Assembly, Tire, Pneumatic	-
	221029-F	Assembly, Tire, Foam Filled	
1	010087	Fastener, Washer, Flat, 3/4”	2
2	010088	Fastener, Washer, Flat, 1”	1
3	010133	Pin, Cotter, Ø3/16” x 2”	3
4	011195	Axle	1
5	221058	Assembly, Pneumatic Tire and Wheel, 16”	1
	221058-F	Assembly, Foam Filled Tire and Wheel, 16”	
6	221258	Assembly, Fork	1

End Frame Bracket - Bridge Deck Style



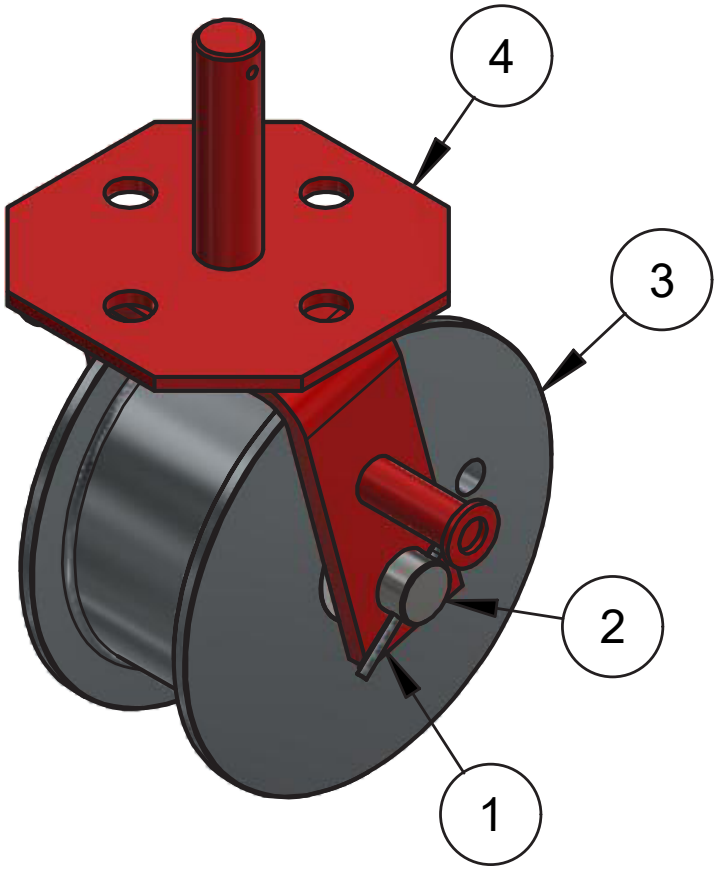
ITEM	PART #	DESCRIPTION	QTY
-	048328	Assembly, End Frame, Bridge Deck Style	-
1	010045	Fastener, Bolt, HHCS, 3/8”-16 x 3-1/4”, Grade 8	8
2	010050	Fastener, Nut, Hex, 1/2”-13, Grade 8	12
3	010069	Fastener, Bolt, HHCS, 1/2”-13 x 1-1/2”, Grade 8	12
4	010071	Fastener, Bolt, HHCS, 1/2”-13 x 2”, Grade 8	8
5	010075	Fastener, Bolt, HHCS, 1/2”-13 x 3”, Grade 8	12
6	010076	Fastener, Bolt, HHCS, 1/2”-13 x 3-3/4”, Grade 8	16
7	010091	Fastener, Washer, Lock, 3/8”, Grade 8	8
8	010093	Fastener, Washer, Lock, 1/2”, Grade 8	8
9	010102	Fastener, Nut, Hex, 3/8”-16, Grade 8	8
10	010106	Fastener, Nut, Hex, 1/2”-13, Grade 8	36
11	050703	Clamp, BDH Mount	8
12	050704	Tube, Upright	4
13	050705	Mount	2
14	050707	Bracket, Raise/Drop	6
15	050709	Tube, Horizontal	2
16	050714	Tube / Pivot Housing	1
17	051989	Vertical Support	2
18	052995	Clamp, Swivel	2

Cup Wheel Assembly



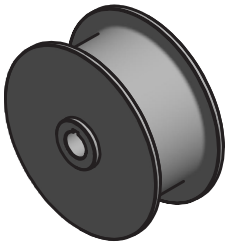
ITEM	PART #	DESCRIPTION	QTY
-	221124	Assembly, Wheel, Cupped, 6”	-
1	010088	Fastener, Washer, Flat, 1”	3
2	010133	Pin, Cotter, Ø3/16” x 2”	3
3	010157	Axle	1
4	052001	Assembly, Steel Cup Wheel, 6”	1
5	221128	Assembly, Fork	1

Double Flange Wheel Assembly

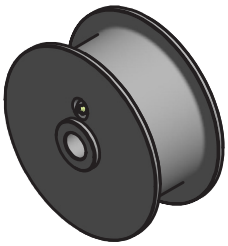


ITEM	PART #	DESCRIPTION	QTY
-	020463	Assembly, Wheel, Double Flange, 6”	-
1	010133	Pin, Cotter, Ø3/16” x 2”	2
2	010157	Axle	1
3	023888	Assembly, Double Flanged, 6”	1
4	221128	Assembly, Fork	1

Bridge Deck Style Wheel Options

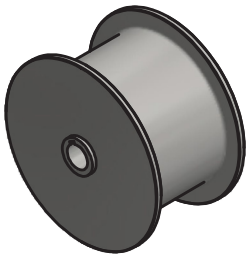


Part #: 052745
Steel, Double Flanged
Drive Wheel for 2" Forms

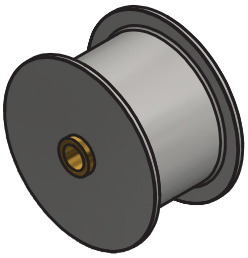


Part #: 052744
Steel, Double Flanged
Idle Wheel for 2" Forms

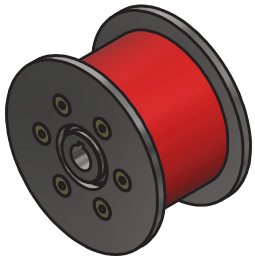
Part #: 065015
Poly Coated, Double Flanged
Drive Wheel for 2" Forms



Part #: 042562
Steel, Double Flanged
Drive Wheel for 3" Forms

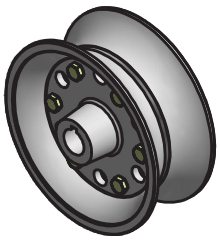


Part #: 042561
Steel, Double Flanged
Idle Wheel for 3" Forms

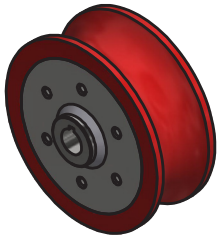


Part #: 065025
Poly Coated, Double Flanged
Drive Wheel for 3" Forms

Part #: 052004
Steel, 6" Cup Drive Wheel
for 2", SCH 80 Pipe Rail



Part #: 062440
Steel, 6" Cup Drive Wheel
for 2.875", SCH 80 Pipe Rail



Part #: 067440
Polyurethane Coated
6" Drive Cup Wheel

Part #: 052001
Steel, 2" Cup Idle Wheel
for 2", SCH 80 Pipe Rail

Part #: 023888
Steel, Double Flanged
Wheel for 2" Forms

Decals, WB1224

Decals, WB1224 Parts List

ITEM	PART #	DESCRIPTION	QTY
-	075361	Kit, Decals WB1224	-
1	069167	Leg Crank Information	4
2	073901	Warning Max Length Not To Exceed 50’	4
3	075277	Made In America	1
4	075373	AEC Brand Logo Mark 8” x 8”	4
5	075381	Allen Concrete Pavers WB1224 8” x 2.110”	4
6	075430	AEC Info (Not Shown)	4
7	075189	QR Code Equipment Information (Not Shown)	2

Cleaning Procedure

Machine Cleaning Procedure

When cleaning the machine, please adhere to the following information to ensure proper cleaning and to keep the machine in the best condition possible.

Power Washing Procedure:

NOTICE

- Ensure that the water pressure is below 2000 PSI (14 MPa)
- Always keep the water temperature below 180°F (80°C)
- Use a spray nozzle with at minimum 40° wide spray angle
- Keep the nozzle at least 1 foot (300mm) away from the machine
- Keep a perpendicular angle (90°) when cleaning over a decal.
  - Holding nozzle of a pressure washer at an angle different from 90° may lift the decal from the machine.
- Recommended using a safe cement dissolver, **BACK-SET** or similar**,** to remove hardened concrete.
- It is **NOT** recommended to use chemicals such as:
  - Muriatic Acid
  - Hydrochloric Acid
  - Hydrofluoric Acid
  - Sulfuric Acid
  - Phosphoric Acid
- To prevent build-up of concrete on the machine, use **BODY GUARD** or similar protection wax.

Filter Cleaning Procedure:

- Remove air filters and blow out with compressed air, **NOT** to exceed 80 PSI.

Revision Detail

MANUAL REVISION DETAIL			
REVISION #	**REVISION DATE**	**REVISION REFERENCE #**	**REVISION BY**
-	08/20	Initial Release	MW
A	01/22	Updated Covers	MK
B	02/22	Updated Decal Kit	MK

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