

MiTek

**PEAK-UP TRUSS STACKER
AND TRUSS RECEIVER STAND**

**OPERATING AND MAINTENANCE
MANUAL**

Prepared For:

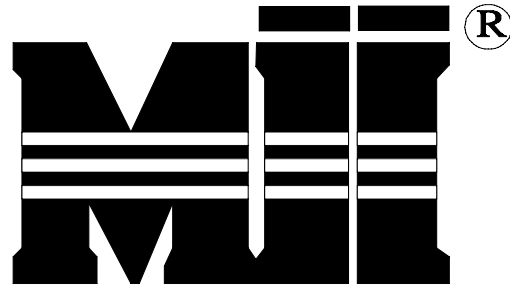
COMPANY:

MODEL NO:

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Part No. 001020 rev. A
6 Feb. 2024



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NOTE

As of 30 October 2006, the following contact information applies to MiTek Machinery Division.

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PROPRIETARY NOTICE

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Patented: Patent # 6,969,054 B2

WARNING



**READ AND BECOME FAMILIAR WITH
THESE INSTRUCTIONS BEFORE USING
THIS MACHINE.**

INTRODUCTION

This manual is prepared for the customer's information and use in establishing routine operational and maintenance procedures for optimum efficiency, production, and safety in the operation of the **MiTek**[®] Peak-up Stacker.

This machinery is designed, engineered and precision-manufactured by **MiTek**[®], using skilled craftsmen and materials. Given proper care, the equipment should reward the user with many years of productive service.

At various places throughout the text of this manual, safety instructions are given concerning the use of equipment and machinery. Such safety instructions are marked by this Safety Alert Symbol:



Please pay special attention to instructions identified by this symbol. Failure to comply with these instructions may result in economic loss, personal property damage, and/or serious personal injury.



WARNING: PERSONAL INJURY HAZARD
This manual must always be available to the operator, and the operator must become thoroughly familiar with the manual before operating this equipment. No one should be authorized to operate the Peak-Up Stacker before reading and comprehending Section 4 - Operation.

This manual contains sufficient information for proper operation and maintenance under most conditions. However, certain operating environments (e.g., extremely hot or dusty environments, etc.) may necessitate other maintenance or maintenance at more frequent intervals.

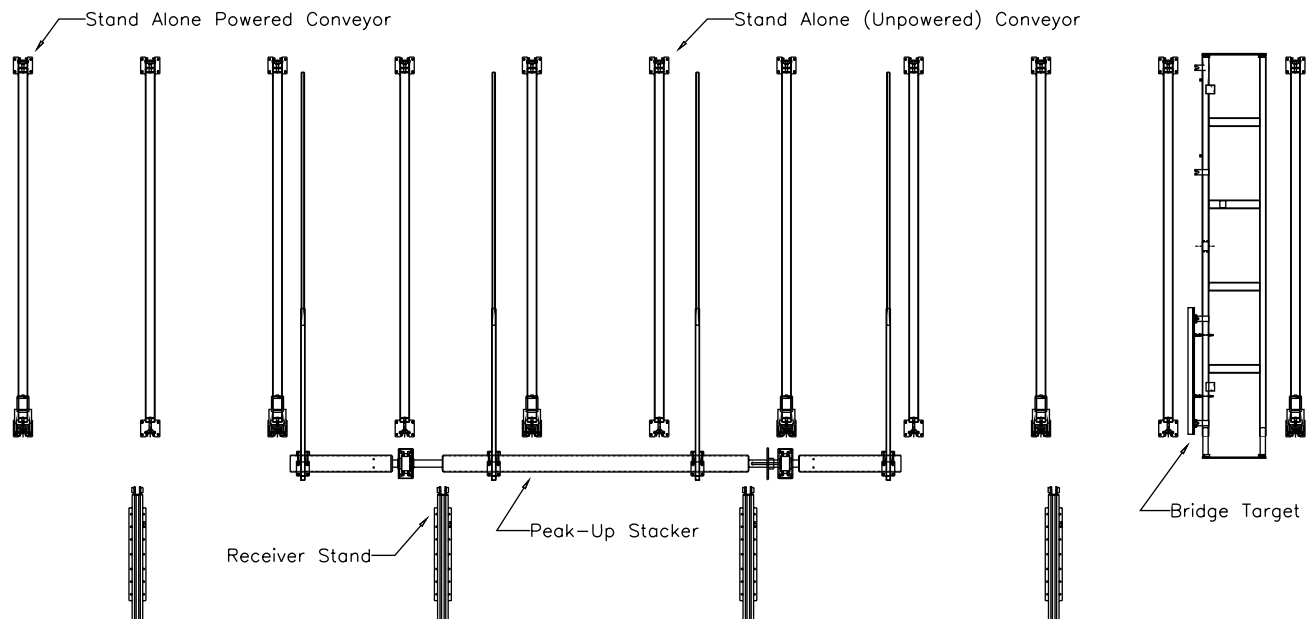
PURPOSE

The **MiTek**[®] Peak-up Truss Stacker System is designed to optimize floor space by stacking wood trusses peak up.

SECTION 1

DESCRIPTION

I. GENERAL



Single Peak-Up Stacker with Bridge Target

- A. **The Peak-Up Stacker System** stacks trusses in the peak-up position.
- B. **The Peak-Up Stacker System** consists of a **MiTek[®]** Peak-Up Stacker, truss receiving stands, powered and unpowered stand alone conveyor, and electrification systems.
- C. **The Peak-Up Stacker System** is available in two configurations: the single and double Peak-Up Stacker Systems. The single Peak-Up Stacker System has one stacking area on one side of the exit conveyor; the double Peak-Up Stacker has two stacking areas, one on each side of the exit conveyor.

- D. **The Peak-Up Stacker** is available with different control options. These include a mechanical Bridge or Pop-Up Target and a photoelectric Scanner Eye Target. These control devices may be used separately or combined, depending upon the system layout.

The Bridge Target is mounted on angle track which straddles the exit conveyor and functions as a physical locating control device. The Pop-Up Target operates in a similar manner, but is located on a pad underneath of the exit conveyor. When a Target is activated, it sends a signal to the Peak-Up Stacker to stack the truss.

The Scanner Eye Target is also mounted on angle track which straddles the exit conveyor. The photoelectric Scanner Eye Target transmits a light beam that, when broken, will send a signal to the Peak-Up Stacker to stack the truss.

- E. **The Truss Receiver Stands** support and stack the trusses in the peak up position. When pressure is applied by the Peak-Up Stacker, the receiver stands automatically index for each truss.
- F. Refer to separate manuals for operating instructions and details on the Stand Alone Conveyor (powered and unpowered), Bridge Target, Pop-Up Target, and the Scanner Eye Target.

SECTION 2

SPECIFICATIONS

Specifications for the Peak-Up Stacker	
STACKER DATA	
Capacity	1200 lbs: 30 trusses @ 14'-0" high and 16'-0" to 60'-0" long
Cycle Time	40 seconds
MOTORS - ELECTRIC^{1,2}	1200 lb. STACKER
Horsepower Rating	2 HP
RPM Input	1740 RPM
RPM Output	10.6 RPM
Gearbox Ratio	165:1
Voltage	208/230/460
Amperage	6.1/6.1/3.0
Cycles	60 Hz
Phase	3
Frame	F-90L

¹ Standard motors are furnished unless otherwise specified by customer. Non-standard motors are subject to additional cost.

² Standard motors are furnished with an FB-2A Brake.

SECTION 3

INSTALLATION

I. PRE-DELIVERY PREPARATIONS

NOTE: Careful attention to and execution of each of the pre-delivery items will prevent delays and ensure a proper installation.

A. Space (General Layout)

The customer's responsibility is to provide adequate space for the installation, operation, and protection of the Peak-Up Stacker System. Physical space requirements are as follows:

Peak-up Stacker: 15' wide x 23' long

Stand Alone Conveyor: 15' wide x length of system

Space requirements will vary per installation, dependent upon system length and components ordered.

Additional space should be provided for safe operation and maintenance, freedom of movement, and free flow of materials.

MiTek[®] can provide help to the customer in plant layout and space utilization, if requested.

A level and structurally-proper concrete slab must be provided for the installation of the Peak-Up Stacker System (See Figure 3.1 and Figure 3.3). For anchoring purposes, all footings should be made out of 3000 PSI concrete (minimum) and installed in accordance with local building code requirements and, if required, under supervision of a local professional engineer. The conveyor footing can be a sidewalk style footing 14" to 18" wide × 12" deep. This arrangement will allow easy conveyor centerline spacing at the time of installation and future modifications. The Peak-Up Stacker and Receiver Stands will each require footings to be 36" deep.

The Scanner Eye Target and the Bridge Target mount to the Stand Alone Conveyor and will not require footings; however, the Pop-Up Target will require two 12" × 60" × 12" deep concrete footings (See Figure 3.3).

A. **Space** (General Layout)(continued)

The standard system layout prints detailing footing locations and dimensions are at the end of this section. These layouts may require modifications, depending upon the orientation of the plant and existing equipment.

B. **Electrical Requirements**

A temporary and permanent power service shall be arranged for by the customer at their expense. A 110 Volt, 20 AMP temporary power service line shall be run to lengthwise mid-point at one side of the concrete slab. It shall have a fused disconnect switch and three (3) grounded plug-in outlets provided for power tool connections.

WARNING: ELECTROCUTION HAZARD



All electrical work shall be done by a certified electrician and shall conform to all regulating codes.

Run a 15 HP minimum power supply through a fused disconnect switch and to within hookup distance of stacker connections.

Customer shall pre-check voltage in their locality and notify **MiTek**[®] of the type of power available so that, if necessary, revisions to motors, etc., may be made before shipment.

Machine should be installed in a well-lighted area for proper operation, periodic maintenance, and safety.

The Peak-Up Stacker is pre-wired, where all wires terminate at the motor and limit switches on the machine. The control panel is also pre-wired and contains terminal strips that are numbered to match the terminals at the

motor and limit switches on the Peak-Up Stacker. However, the Peak-Up Stacker will require wiring between the motor and the limit switches to the control panel and an interfacing between the Peak-Up

B. Electrical Requirements (continued)

Stacker control panel and the Stand Alone Conveyor control panel (See Figure 3.4).

Due to electrical code differences throughout the country, the customer will supply the conduit and related material required for this connection between the control panel and the machine.



WARNING: PERSONAL INJURY HAZARD

The control panel must be in a location where the truss line operators are able to see the flow of trusses and stacker operation when stacking a truss.

Disconnects for the stacker and conveyor control panels are not included. The disconnect size is dependent on the voltage and will vary from system to system. The AMPs drawn by the components determines the disconnect size. **Your local electrician will need to verify the AMP and disconnect size** (refer to "Specifications, Section 2 for motor horsepower). Components are rated for 230 and 460 Volts as "standard" and 208 Volts as an option. The stackers and panels will be supplied to match each option.

C. Mechanical Requirements

The Peak-Up Stacker and Stand Alone Conveyors will be supplied complete with all mechanical components. The stackers are independent units that will be set in place and anchored. The conveyors require simple assembly and anchoring in place. All fasteners, anchor bolts, and anchoring epoxy resin will be supplied by **MiTek®**.

If an existing conveyor is used with the stacker, modifications may be required and need to be addressed early on in the project. The Scanner Eye Target mounts may also require modification to fit the conveyor.

II. INSTALLATION

A. Unloading

It is the customer's responsibility to provide equipment and labor for unloading, uncrating, and placement of the Peak-Up Stacker System and components. Extreme caution must be exercised to avoid damage or misalignment during handling. Do not apply any pressure on any of the moving parts or fittings. A small forklift will be required for installation and unloading.

B. Insurance

Before work can begin, the customer must have in force insurance for worker's compensation and general liability applicable to the installation work.

C. Assembly

Assembly and installation of the complete Peak-up Stacker System will be supervised by a skilled **MiTek**[®] representative. They will supervise layout, dimensioning, lining, leveling, connecting, assembling, and complete installation of the units. They will make pre-operational checks and final adjustments as needed, and instruct personnel in the proper operation and maintenance of the equipment.

MiTek[®] recognizes that this installation is disruptive of the customer's normal output schedule by the requisition of personnel and the normal curiosity of other employees that are not involved. It is for this reason that we request the most efficient people for this assignment. These people will

do their work quickly, efficiently, and with the quality that the customer deserves. The end result is a fine system that will operate with a minimum of problems and yield the highest profit per hour of usage.

D. **Equipment**

One small forklift and an operator will be required for unloading and moving the Peak-Up Stacker System and components to the installation site.

D. **Equipment** (continued)

A hammer drill or core drill with a 1 1/8" diameter bit capable of a 14" drilling depth will be required for the installation of the Peak-Up Stacker anchoring rods (See Figure 3.2).

If there are any questions, please contact your **MiTek**[®] sales representative.

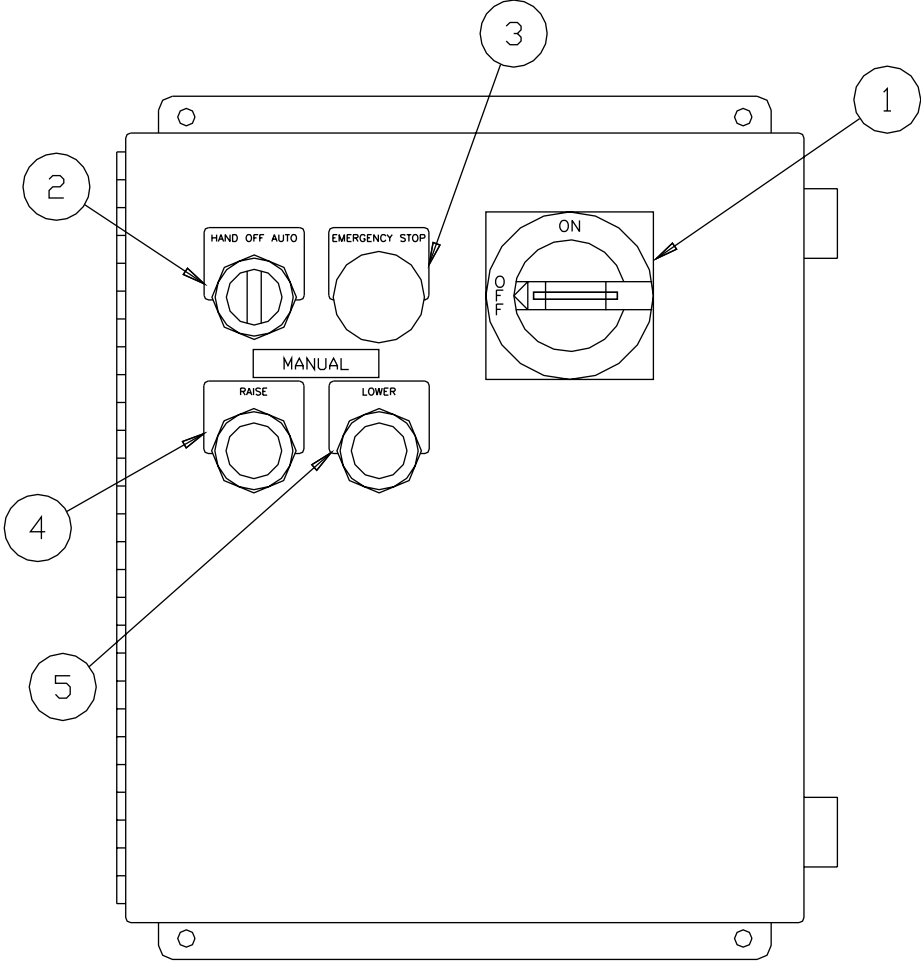
SECTION 4

OPERATION



WARNING: PERSONAL INJURY HAZARD
**ONE SHOULD BE AUTHORIZED TO OPERATE A
PEAK-UP TRUSS STACKER SYSTEM BEFORE
THOROUGHLY READING AND COMPREHENDING
THIS SECTION.**

OPERATOR STATION CONTROL PANEL



- 1 Main Power Switch
- 2 Selector Switch 1 - Automatic or Manual Mode
- 3 Emergency Stop Button
- 4 Manual Mode - Raise
- 5 Manual Mode - Lower



WARNING: PERSONAL INJURY HAZARD

The operator must be in a location where all moving components are clearly visible, and must not start any sequence until all personnel is clearly out of any area where contact with moving parts is possible.

I. CONTROLS

Each Peak-up Stacker has a **POWER ON** and an **EMERGENCY STOP** push button located on the control panel.

Each Peak-Up Stacker system has an operator push button control panel mounted at installation.

II. SYSTEM STARTUP AND OPERATION

- A. Position Receiver Stands into the home position. (The home position is where the receiver arm is approximately 1½" back from the edge closest to the conveyor - in a position already indexed back to receive the first truss.) If the receiver is not in the home position, turn the receiver crank shaft until the desired position is obtained.
- B. Set the Target (Bridge, Scanner Eye, or Pop-Up) location. The target should be set so the truss is centered on the receiver stands.
- C. Turn on all disconnects.
- D. Select Manual (See Section III) or Automatic mode (See Section IV).



Once the stacker is placed in automatic mode, it will remain in automatic mode until the Emergency Stop Button is pressed. If the cycle is interrupted, the system must be restarted and the cycle finished manually.



In manual mode, each movement must be fully completed before the Peak-Up Stacker will execute the next movement.



When an **EMERGENCY STOP** is pressed, it will stop all motion by removing power to all motors. This means the system must be restarted before any of the controls will be operational.

III. MANUAL MODE

A. Single Peak-Up Stacker System

1. Follow steps in Section II “System Startup and Operation.”
2. When the truss has reached the target, press the “Raise” button. Once the Peak-Up Stacker arms begin to raise, the powered Stand Alone Conveyor rollers will shut off. Maintain pressure on the “Raise” button until the truss is positioned on the receiver stands. The Receiver Stands will automatically index back as pressure is applied by the Peak-Up Stacker arms.
3. Once the raise operation is complete, press the “Lower” button until the Peak-Up Stacker arms have returned to the down position below the Stand Alone Conveyor rollers.

B. Double Peak-Up Stacker System

1. Follow steps in Section II “System Startup and Operation.”
2. Select the single or double option. (The single option will operate only one of the stackers; the double option will operate both stackers simultaneously.)

B. Double Peak-Up Stacker System - Manual Mode (Continued)

3. If the single option is chosen, an additional selection must be made on which stacker is to be operated. Typically, stacker #1 is located furthest from the building and stacker #2 is located closest to the building.
4. After the selection is made and after the truss reaches the target, press the “Raise” button. Once the Peak-Up Stacker arms begin to raise, the powered Stand Alone Conveyor rollers will shut off. Maintain pressure on the “Raise” button until the truss is positioned on the receiver stands. The Receiver Stands will automatically index back as pressure is applied by the Peak-Up Stacker arms.
5. Once the raise operation is complete, press the “Lower” button until the Peak-Up Stacker arms have returned to the down position below the Stand Alone Conveyor rollers.

IV. AUTOMATIC MODE

A. Single Peak-Up Stacker System

1. Follow steps in Section II “System Startup and Operation.”
2. In the automatic mode, when the truss reaches the target, the Peak-Up Stacker arms will begin to raise and the powered Stand Alone Conveyor rollers will shut off. The Receiver Stands will automatically index back as pressure is applied by the Peak-Up Stacker arms. The stacker arms will then lower and power will be restored to the conveyor rollers.

B. Double Peak-Up Stacker System

1. Follow steps in Section II “System Startup and Operation.”

2. Select the single or double option. (The single option will operate only one of the stackers; the double option will operate both stackers simultaneously.)

B. Double Peak-Up Stacker System - Automatic Mode (Continued)

3. If the single option is chosen, an additional selection must be made on which stacker is to be operated. Typically, stacker #1 is located furthest from the building and stacker #2 is located closest to the building.
4. After the selection is made and after the truss reaches the target, the Peak-Up Stacker arms will begin to rise and the powered Stand Alone Conveyor rollers will shut off. The Receiver Stands will automatically index back as pressure is applied by the Peak-Up Stacker arms. The stacker arms will then lower and power will be restored to the conveyor rollers.

V. SAFETY

MiTek[®] Peak-up Stacker System is equipped with emergency stop controls. The operator must become familiar with the location and operation of these devices.



WARNING: PERSONAL INJURY HAZARD

Never operate the conveyor without all guards in place and operational. Never disconnect or paint over warning note labels. If labels become deteriorated or damaged, request new ones through our Customer Service Department.

EMERGENCY REPAIRS AND MAINTENANCE

Only qualified personnel should attempt to perform any repair and/or maintenance. Compliance with minimum recommendations outlined through this manual is essential.

SECTION 5

MAINTENANCE



WARNING: PERSONAL INJURY HAZARD

**ONLY QUALIFIED PERSONNEL SHOULD ATTEMPT
TO PERFORM ANY REPAIR AND/OR MAINTENANCE.**

I. MAINTENANCE

Proper maintenance is essential for dependable performance of the **MiTek**[®] Peak-Up Stacker System. With today's high production schedules and the prohibitive cost of downtime, it is vital that a company establish an effective maintenance program. A slight expense incurred in carrying out a planned maintenance program is regained many times over in operating income. Although the Peak-Up Stacker System requires a minimum of maintenance, it is important that all checks, adjustments, and lubrication procedures and schedules be strictly adhered to. The following minimum preventive maintenance guides are listed. Certain operating environment or conditions necessitate additional maintenance at more frequent intervals.

A. General

1. Clean Machine

Typically, the Peak-Up Stacker System is located outside and will require very little routine cleaning maintenance; however, chain paths and pivot points should be checked regularly and be kept free of foreign material which could prohibit movement.

B. Lubrication

1. General

Parts requiring lubrication should be serviced according to the lubrication chart. Service life and efficiency of gears, bearings, etc., are affected by the type of lubrication used, frequency of application, oxidation, and contamination of lubricant. Improved performance will be obtained by periodic lubrication in accordance with this manual's recommendation.

2. Bearing Lubrication

More bearing failures are caused by dirt being introduced during greasing than from insufficient grease. Before beginning oiling or greasing, remove all dirt and old lubricant from area around filler

plugs and grease fittings. Filler plugs should not be removed or grease fitting connections made, until cleaning is finished. After lubrication is completed, surplus oil and grease may be removed with the use of a grease solvent.

3. Chain Lubrication

Manual application with a brush is recommended along the upper edges of the plates so oil can reach the important gap between chain side plates.

4. Gear Oil Specifications

Use AGMA Oil Grade 4 or 3 for temperatures from 50 degrees F to 125 degrees F. For temperatures from 15 degrees F to 60 degrees F use AGMA Oil Grade 2 or 3.

The following typical oils meet AGMA recommendations

Manufacturer	AGMA Oil Grade			
	2	3	4	5
Amoco	American Indus. #31	American Indus. #51	American Indus. #75	American Indus. #75
Arco	Duro S-315	Duro S-465	Duro S-700	Duro S-1000
Chevron	GST Oil 68	GST Oil 100	AW Mach. Oil EP Grade 150	AW Mach. Oil EP Grade 220
Citgo	Pacemaker 30	Pacemaker 60	Pacemaker 80	_____
Exxon	Teresstic 68	Teresstic 100	Teresstic 150	Nuto 220
Gulf	Harmony 68	Harmony 90	Harmony 150d	Harmony 220
Keystone	543	49 Light	432	1790
Mobile	D.T.E. Heavy Medium	D.T.E. Heavy	D.T.E. Extra Heavy	D.T.E. BB
Shell	Turbo 33	Turbo 41	Turbo 69	Tellus 71
Sunoco	Sunvis 31	Sunvis 51	Sunvis 75	Sunvis 99
Texaco	Regal RO-68	Regal RO-100	Regal RO-150	Regal RO-220

C. Electric Motor

Periodically inspect your electric motor for excessive dirt, friction, or vibration. Dust may be blown from inaccessible locations using compressed air. Keep the ventilator openings clear to allow free passage of air.



WARNING: PERSONAL INJURY HAZARD

To avoid eye injuries, always wear safety glasses when using compressed air.

D. Adjustments

1. Chain Tension

A. General

Systematically inspect all chains for appropriate chain tension. Chains which are too loose may cause a jerking motion, excess chain noise, or may slip off of their sprockets causing the chain to jam or other damage. However, chains which are too tight may cause the chain to break or wear problems.

B. Drive Chain Tension



WARNING: PERSONAL INJURY HAZARD

Turn Off Power and Lock Out Main Control Panel of the Peak-Up Stacker before Performing Any Adjustment to the Drive Chain.

Both drive chains on the Peak-Up Stacker may be adjusted. To determine chain tension, grasp chain midway between the sprockets and lift. Correct chain

B. Drive Chain Tension (Continued)

tension will have between 1/2" – 3/4" play in the chain. If adjustment is required, loosen the four mounting plate(s) bolts and turn the jack screw in the correct direction until the desired tension is achieved. Tighten the four mounting plate(s) bolts to lock in place.

C. Receiver Stand Chain Tension

WARNING: PERSONAL INJURY HAZARD



Turn Off Power and Lock Out Main Control Panel of the Peak-Up Stacker Before Performing Any Adjustment to the Receiver Stand chains.

The top receiver stand chain should have a minimum amount of play (less than 1/2") to maintain alignment of the vertical arms. To adjust the chain tension, loosen and tighten nuts until the desired tension is achieved. Tighten nuts to lock in place.

2. Receiver Stand Torque Limiter

Dependent upon weather conditions and product wear, the torque limiter may require adjustment. If the receiver stands are not indexing far enough, loosen the torque limiter (less torque) by loosening the cap screws and the set screw. Next, back off the adjusting nut one to seven spline notches, as required. Retighten the set screw and the cap screws. Likewise, if the receiver stands are indexing too far, more resistance from the torque limiter is needed. To apply more torque, use procedure above, but move adjusting nut in the opposite direction.

Peak-Up Stacker System & Truss Receiver Stand Lubrication Chart

Item	Areas to be Lubricated	Lubricant	Mfr.'s No. & Grade	Hours of Operation					
				8	16	40	200	500	1,000
1	Electric Motor	(see Note)	Impact Grease				(See Note)		X
2	Roller Chain	Oil: Manual lubrication applied by brush or spray every month.	Roller Chain Lube			X			
3	Babbitted Pillow Block Bearing (6 total)	Grease	Lithium Based - NLGI No. 2				X		
4	Cam Follower	Grease	Lithium Based - NLGI No. 2				X		
5	Gear Box (See Caution)! Upon delivery, Do not operate unit until the oil level has been checked.	Oil: Drain fluid and refill unit after first 120 hours of operation.	Use oil recommended by the manufacturer in the enclosed instruction manual				X Every (6) Months		

Note: Motor is equipped with double-shield ball bearings with sufficient grease for normal operations. Where motor is used regularly in dirty, wet, or corrosive atmosphere, it is advisable to add 1/4 ounce of grease per bearing every 1,000 hours of operation.

Caution: Injection of excess grease under pressure into sealed bearings may rupture seals.

General Note: Movement of grease through bearings can be checked visually by the appearance of grease at the ends of the bearings. Old grease should be forced out with shot of new grease.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Reducer/gearbox overheating	<ul style="list-style-type: none"> · Improper lubrication · Insufficient oil · Too much oil causes churning - excessive heat generated by fluid friction of churning oil · Wrong grade of oil 	<ul style="list-style-type: none"> · Check oil level · Flush and refill to proper oil level with grade specified on reducer name plate
Noise and vibration in reducer/gearbox	<ul style="list-style-type: none"> · Loose mounting bolts · Insufficient oil - low oil level reduces muffling effect of oil · Failed bearings - wear of bearings can be caused by dirt in oil · Loose parts 	<ul style="list-style-type: none"> · Check mounting bolts and lock washers and tighten · Check oil level · Flush and clean reducer and replace oil · Replace reducer or worn bearings · Inspect reducer for broken parts, loose bolts and nuts · Check keys for proper fit
Oil leakage	<ul style="list-style-type: none"> · Excessive oil 	<ul style="list-style-type: none"> · Check oil level and drain to proper level

Reports and Research

To benefit fully from maintenance experience, a good system of reports and records is essential. These reports and records, if analyzed frequently, will indicate areas, which require special attention, as well as recurring troubles, which may be anticipated and corrected before breakdown occurs. Records should include:

- The date detected and description of the symptoms.
- A description of the preliminary investigation and the conclusions drawn.
- The date of and the corrective action taken, replacement parts required and length of downtime.
- A record of when fluid is added or changed, filters replaced or strainer cleaned.

SECTION 6

PARTS LIST

PARTS

USE IDENTICAL REPLACEMENT PARTS ONLY

I. GENERAL

This portion of the manual has been arranged and grouped in sections to facilitate locating the needed part. In some cases, it may be helpful to provide the serial number of the machine to identify the correct part: however, this is not always mandatory. After the desired part has been located, inform the **MiTek®** Customer Service Department of the required part name, number, and quantity desired.

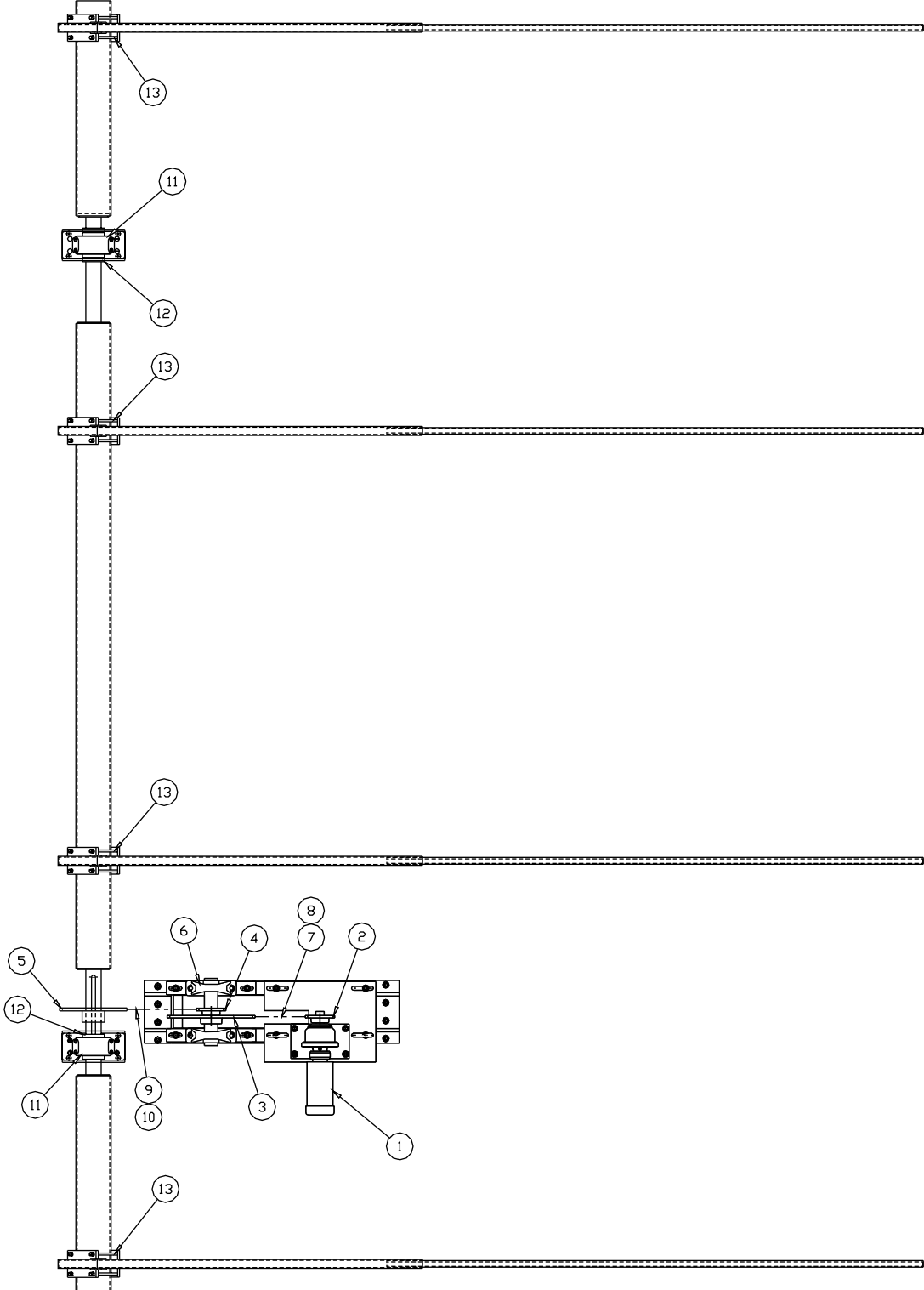
PARTS

USE IDENTICAL REPLACEMENT PARTS ONLY

1200 lb. Peak-Up Stacker Replacement Parts List

<u>Item</u>	<u>Qty.</u>	<u>Description</u>	<u>Part No.</u>
1	1	Gearmotor, 2 HP w/Brake	480316
2	1	Gearbox Drive Sprocket 80B19 x 2 1/4	552045
3	1	Jackshaft Sprocket 80B60 x 3	552040
4	1	Jackshaft Sprocket 120B11 x 3	552064
5	1	Shaft Sprocket (Split) 120C28 x 3 7/16	553121
6	2	Jackshaft Pillow Block Bearing	419729
7	10 ft.	#80 Roller Chain	554008
8	1	#80 Connector Link	554190
9	11 ft.	#120 Roller Chain	554010
10	1	#120 Connector Link	554383
11	2	Babbitted Pillow Block Bearing	419743
12	4	Split Shaft Collar, 3 7/16	541296
13	16	Hex Head Cap Screw 1/2-13 x 8 1/2 (Gr. 5)	327893

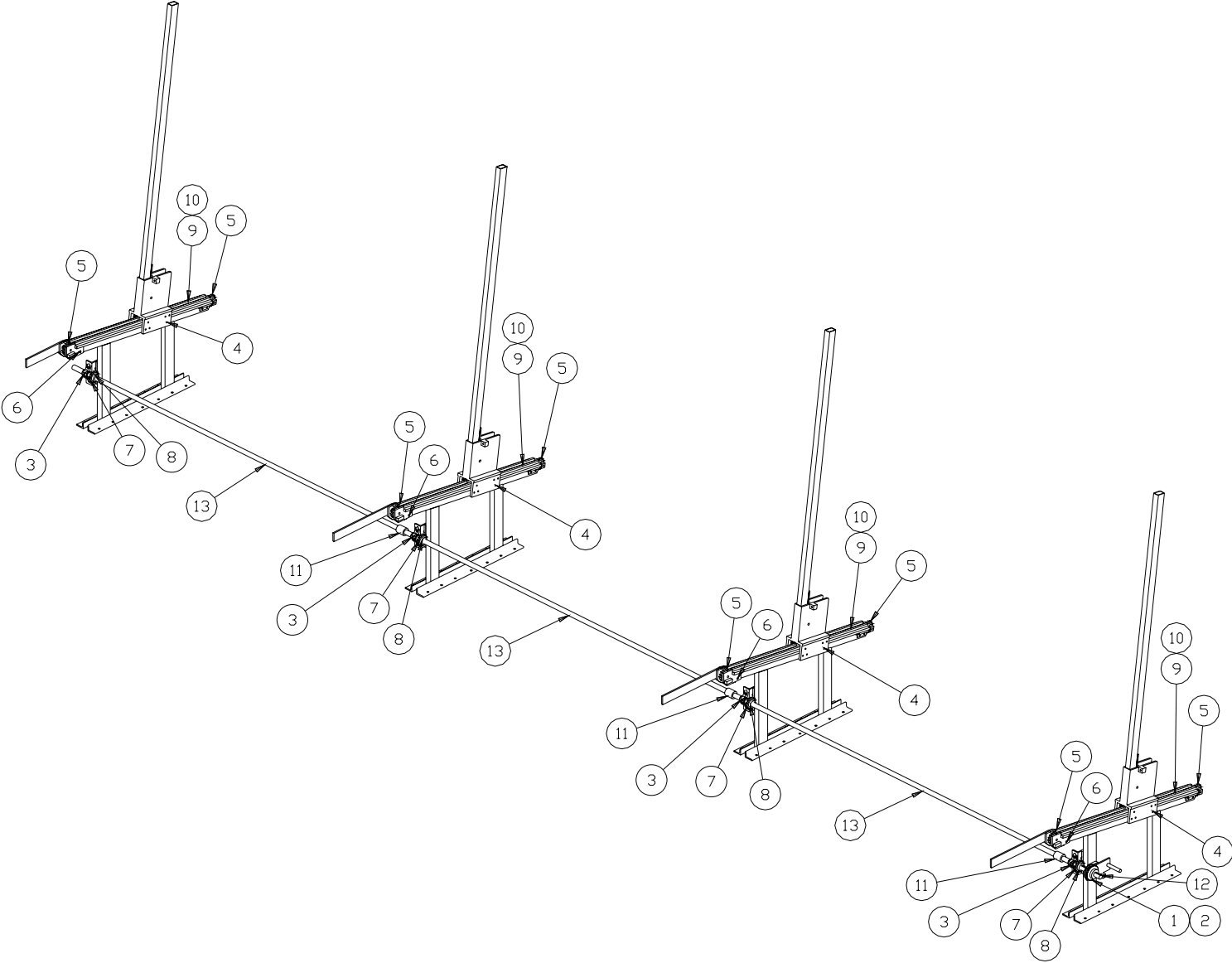
Peak-Up Stacker Replacement Parts



Truss Receiver Stand Replacement Parts List

<u>Item</u>	<u>Qty.</u>	<u>Description</u>	<u>Part No.</u>
1	1	Torque Limiter	546100
2	1	Torque Limiter Spring	546101
3	4	Babbitted Pillow Block Bearing 1½ Bore	419770
4	48	Cam Follower 1 3/8	412185
5	8	Idler Sprocket B6013H	558130
6	4	Idler Sprocket 60BB11	558137
7	4	Sprocket 60B13 x 1½	552043
8	8	Split Shaft Collar 1½	541282
9	4	#60 Roller Chain x 15 ft.	554007
10	8	#60 Connector Link	554184
11	3	Shaft Coupling 1½ x 4	71408
12	1	Torque Limiter Shaft 1½ x 18	71409
13	3	Receiver Stand Connecting Shaft 1½ x 144	71428

Truss Receiver Stand Replacement Parts



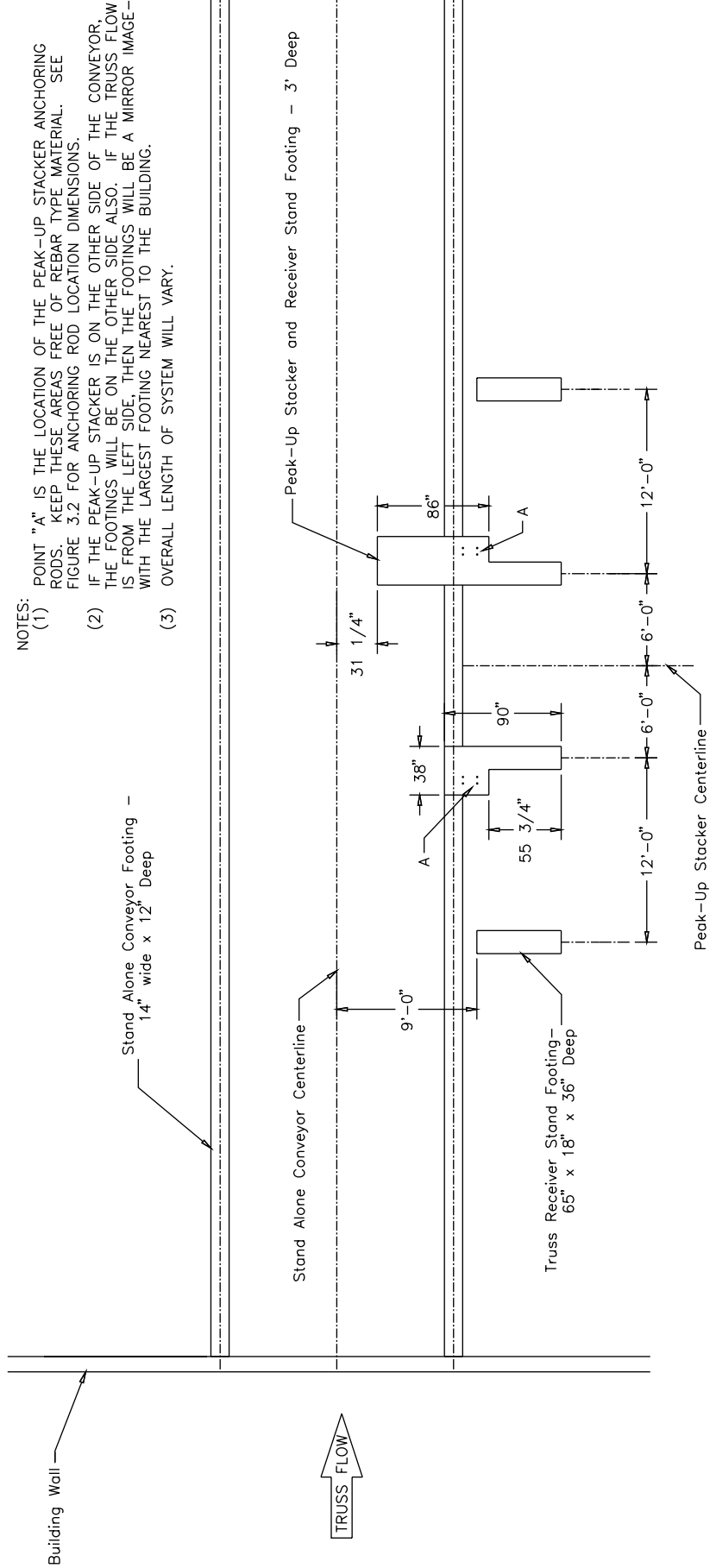
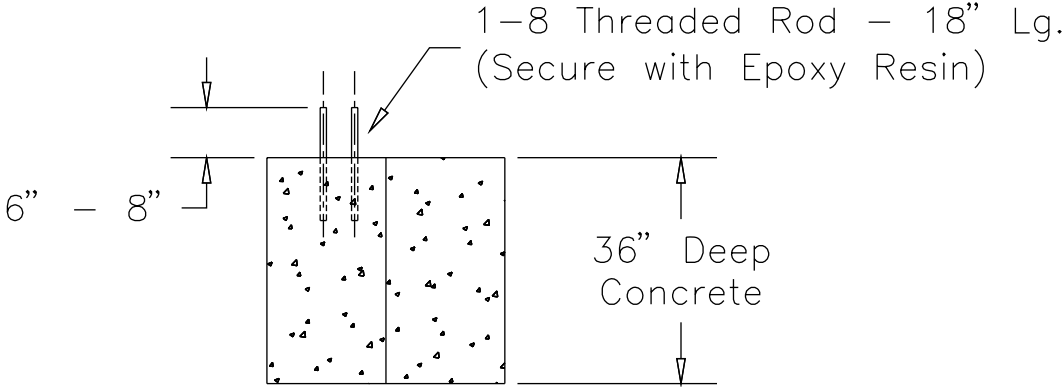
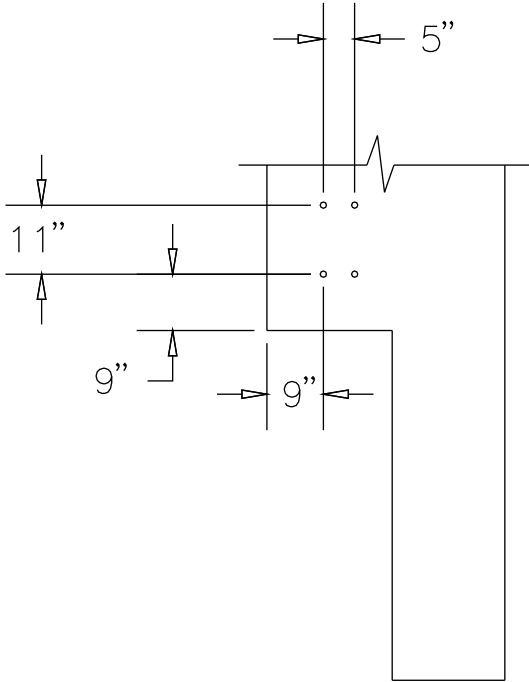


Figure 3.1

Figure 3.2



Peak-Up Stacker Electrical Replacement Parts List¹ (Refer to Drawings)

<u>Qty.</u>	<u>Description</u>	<u>Part No.</u>
1	Panel	519071
1	Enclosure, Hinged, 14 x 12 x 8	519558
1	End Section	518203
15	Terminal Block	518202
1	Jumper Bar, 10 Pole	518143
1	Mounting Rail (1 ft)	146122
1	E-Stop Pull Switch	528084
2	Limit Switch Adjustable Roller Arm	515063
2	Limit Switch	515069
1	Name Plate, Lower	513687
1	Name Plate, Raise	513686
1	Yellow Push Button	513663
1	Green Push Button	513664
1	Name Plate, E-Stop	513683
1	Red Push Button (Mushroom)	513654
3	120V Light	513652
4	Contactor	513651
1	Contactor Button	513649
1	Timing Relay Socket	478002
1	Time-Delay Relay (10 Sec.)	514128
1	Name Plate, Hand - Off - Auto	513688
1	3 Position Selector Switch	513645
1	Motor Starter (9A)	509210
1	1A Fuse, Class CC	516382
2	½ A Fuse, Class CC	516381
3	5A Fuse (460V)	516485
3	10A Fuse (208V/230V)	516488
1	Transformer, 50 VA (460V/230V)	509131
1	Transformer, 50 VA (208V)	509135
1	Overload Relay (2.5-4A)(460V)	514148
1	Overload Relay (4-6.3A)(230V)	514150
1	Fused Disconnect Switch (30A)	509422
1	Off/On Selector Handle	509425
1	Disconnect Switch Shaft	509424

Peak-Up Stacker Electrical Replacement Parts List (Continued)

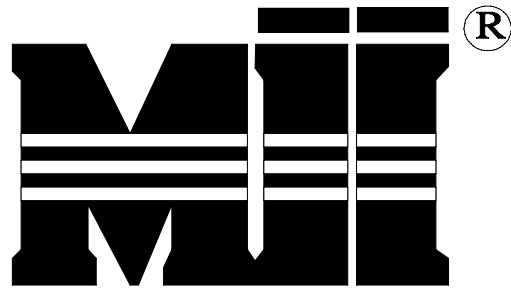
	<u>Qty.</u>	<u>Description</u>	<u>Part No.</u>
	1	Name Plate Holder (10/pkg)	513676
	2	End Stop (Screwless)	518192
	1	Wire Marker Labels (Sheet)	694060
	50	Light Ty-Wrap (3½)	508700
	25	Medium Ty-Wrap (5½)	508710
	10	Ty-Wrap Pressure Pad	504313
	1	Fuse Block, 3-Pole (208V)	516556
	1	#16 Wire (Misc. Colors)(50 ft.)	508006
	1	#14 Wire (Colors)(10 ft.)	508861
	6	Round Head Machine Screw, #10-32 x 3/8	341103
	4	Pop Rivet	390007
	4	Round Head Machine Screw, #10-32 x 1½	341110
	1	Overload Relay (5.5-7.5A)(208V)	514152

¹ Listing contains parts for all standard voltages (208V/230V/460V).

DRAWING INDEX

Peak-Up Stacker Side Eject (D71300) 1
Base Drive Motor Assembly Side Eject (D71475) 2
Peak-Up Stacker Lift (D71320) 3
Guard Base Drive (D71350)..... 4
Receiver End Eject Assembly (D71375)..... 5
Receiver End-Off Assembly w/TQTM50 (D71405) 6
Receiver Side-Off Assembly (D71410) 7
Peak-Up Stacker Electrical Assembly (B92064) 8
Peak-Up Stacker Schematic (D90049)..... 9-10
Peak-Up Stacker 4-Zone (B90061) 11-20
Tandem Peak-Up Stacker Schematic (B90088)..... 21-23
Peak-Up Stacker 2-Zone (B90094) 24-26

OPERATIONS AND MAINTENANCE MANUAL



MiTek®

**Peak-Up Truss
Stacker and Truss
Receiver Stand**

PN 001020 rev. A
6 Feb 2024

Peak-Up Truss Stacker and Receiver Stand



001020