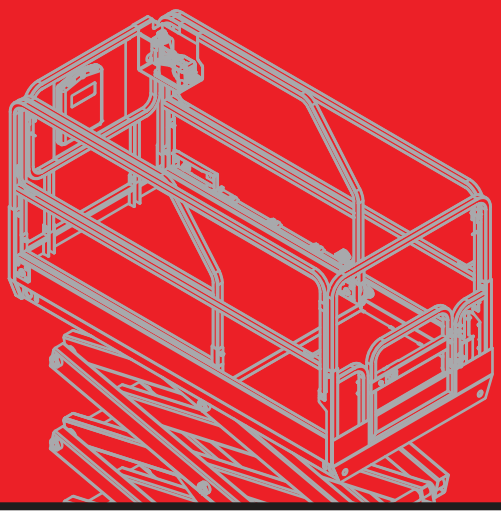
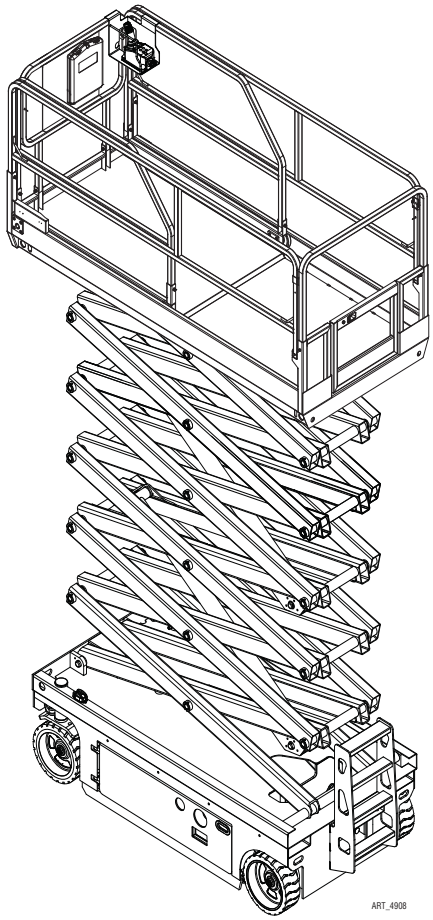
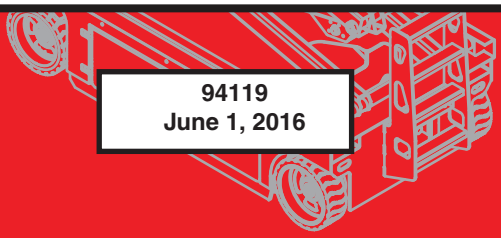




SE Series Slab Scissors

1930SE -- Serial #16400000 - Up
2632SE -- Serial #16500000 - Up
3346SE -- Serial #16600000 - Up
4046SE -- Serial #16700000 - Up
4555SE -- Serial #16800001 - Up



94119
June 1, 2016

Operator's Manual

—Specifications—

		1930SE		2632SE		3346SE	
Working Height*		25 ft	7.8 m	32 ft	10 m	39 ft	12 m
Platform Height		19 ft	5.8 m	26 ft	8 m	33 ft	10 m
Maximum Drive Height		19 ft	5.8 m	26 ft	8 m	33 ft	10 m
Stowed Height	Top Guardrail	81 in.	2.05 m	91 in.	2.3 m	96.5 in.	2.5 m
	Rails Folded	73 in.	1.84 m	78 in.	5 m	75 in.	1.9 m
	Platform Floor	42 in.	1.07 m	48 in.	1.22 m	53 in.	1.35 m
Guardrail Height		43.5 in.	1.11 m	43.5 in.	1.11 m	43.5 in.	1.11 m
Toeboard Height		6 in.	15 cm	6 in.	15 cm	6 in.	15 cm
Machine Weight** (Unloaded)		3,120 lb	1,415 kg	4,796 lb	2,180 kg	5,566 lb	2,530 kg
Lift Capacity	Total	500 lb	227 kg	500 lb	227 kg	750 lb	340 kg
Sheet Material Rack Capacity†		110 lb†	50 kg†	110 lb†	50 kg†	250 lb†	113 kg†
Deck Extension Capacity		1 Person / 250lb (113 kg)		1 Person / 250lb (113 kg)		1 Person / 250lb (113 kg)	
Maximum Occupants		2		2		2	
Length-Stowed (Overall)		74 in.	1.86 m	97 in.	2.46 m	97 in.	2.46 m
Length-Stowed (Ladder Removed)		66 in.	1.67 m	89.5 in.	2.27 m	89.5 in.	2.27 m
Platform Length (Extended)		100 in.	2.54 m	124.5 in.	3.16 m	124.5 in.	3.16 m
Platform Length (Retracted)		65 in.	1.65 m	89.5 in.	2.27 m	89.5 in.	2.27 m
Width (Overall)		30 in.	.76 cm	32 in.	81 cm	47 in.	1.19 m
Platform Width (Outside)		29 in.	74 cm	32 in.	81 cm	44 in.	1.12 m
Wheel Base		54 in.	1.36m	74 in	1.87 m	74 in	1.87 m
Turning Radius--Inside		0 in.	0 cm	0 in.	0 cm	0 in.	0 cm
Ground Clearance--Stowed		3.25 in.	8.3 cm	4 in	10 cm	4 in	10 cm
Ground Clearance--Elevated		.625 in.	1.6 cm	.7 in	2 cm	.7 in	2 cm
Drive Speed (Proportional)	Stowed	0-2.8 mph	0-4.5 km/h	0-2.5 mph	0-4 km/h	0-2.5 mph	0-4 km/h
	Raised or extended	0-.5 mph	0-.8 km/h	0-.5 mph	0-.8 km/h	0-.5 mph	0-.8 km/h
Gradability		25%/14°		25%/14°		25%/14°	
Maximum Side Slope--Stowed		5°		5°		5°	
Tilt Sensor Settings		2° side-to-side; 3° fore-and-aft		2° side-to-side; 3° fore-and-aft		2° side-to-side; 3° fore-and-aft	
Ground Pressure/Wheel		130 psi	9.14 kg/cm^2	154 psi	10.8 kg/cm^2	160 psi	11.2 kg/cm^2
Maximum Wheel Load		1450 lb	658 kg	2122 lb	960 kg	2508 lb	1140 kg
Occupied Floor Pressure		263 psf	1284 kg/m^2	268 psf	1308 kg/m^2	224 psf	1091 kg/m^2
Maximum Operating Wind Speed		28 mph / 12.5 m/sec (45 km/h)		28 mph / 12.5 m/sec (45 km/h)		28 mph / 12.5 m/sec (45 km/h)	
Tire Size		12 x 4 inch/305 x 100 mm		15 x 5 inch/381 x 127 mm		15 x 5 inch/381 x 127 mm	
Wheel Bolt Torque		19 ft-lb / 25.5 Nm		19 ft-lb / 25.5 Nm		19 ft-lb / 25.5 Nm	
Hydraulic Pressure		3000 psi/ 207 bar		3000 psi/ 207 bar		3000 psi/ 207 bar	
Power System Voltage		24 Volt DC / 210Ah		24 Volt DC / 225 Ah		24 Volt DC / 240 Ah	
Battery Charger	Input	110-230 V AC, 50-60 Hz		110-230 V AC, 50-60 Hz		110-230 V AC, 50-60 Hz	
	Output	24 Volt DC		24 Volt DC		24 Volt DC	
Batteries		Four 6-Volt deep cycle; 210 Ah		Four 6-Volt deep cycle; 225 Ah		Four 6-Volt deep cycle; 240 Ah	

Meets applicable requirements of ANSI A92.6-2006. *Working Height adds 6 feet (2 m) to platform height. **Weight may increase with certain options.†Sheet material weight is part of the total platform capacity. This may limit capacity to one occupant.

—Specifications—

		4046SE		4555SE	
Working Height*		46 ft	14 m	51 ft	15.7 m
Platform Height		40 ft	12 m	45 ft	13.7 m
Maximum Drive Height		40 ft	12 m	45 ft	13.7 m
Stowed Height	Top Guardrail	102 in.	2.6 m	102 in.	2.6 m
	Rails Folded	79 in.	2.0 m	79 in.	2.0 m
	Platform Floor	58 in.	1.48 m	58 in.	1.48 m
Guardrail Height		43.5 in.	1.11 m	43.5 in.	1.11 m
Toeboard Height		6 in.	15 cm	6 in.	15 cm
Machine Weight** (Unloaded)		6,820 lb	3,100 kg	7,190 lb	3,260 kg
Lift Capacity	Total	550 lb	250 kg	500 lb	227 kg
Deck Extension Capacity		1 Person / 250lb (113 kg)		1 Person / 250lb (113 kg)	
Maximum Occupants		2		2	
Length-Stowed (Overall)		98 in.	2.5 m	112 in.	2.85 m
Length-Stowed (Ladder Removed)		89.5 in.	2.27 m	104 in.	2.65 m
Platform Length (Extended)		124.5 in.	3.16 m	139 in.	3.53 m
Platform Length (Retracted)		89.5 in.	2.27m	104 in.	2.65 m
Width (Overall)		47 in.	1.2cm	55 in.	1.4 cm
Platform Width (Outside)		44 in.	1.12 cm	44 in.	1.12 cm
Wheel Base		74 in	1.87 m	87 in	2.22 m
Turning Radius--Inside		0 in.	0 cm	0 in.	0 cm
Ground Clearance--Stowed		4 in	10 cm	4 in	10 cm
Ground Clearance--Elevated		.7 in	2 cm	.7 in	2 cm
Drive Speed (Proportional)	Stowed	0-2.5 mph	0-4 km/h	0-2.5 mph	0-4 km/h
	Raised or extended	0-.5 mph	0-.8 km/h	0-.5 mph	0-.8 km/h
Gradability		25%/14°		25%/14°	
Maximum Side Slope--Stowed		5°		5°	
Tilt Sensor Settings		2° side-to-side; 3° fore-and-aft		2° side-to-side; 3° fore-and-aft	
Ground Pressure/Wheel		167 psi	11.7 kg/cm^2	256 psi	18 kg/cm^2
Maximum Wheel Load		2948 lb	1340 kg	3076 lb	1395 kg
Occupied Floor Pressure		255 psf	1240 kg/m^2	194 psf	947 kg/m^2
Maximum Operating Wind Speed		28 mph / 12.5 m/sec (45 km/h)		28 mph / 12.5 m/sec (45 km/h)	
Tire Size		15 x 5 inch/381 x 127 mm		15 x 5 inch/381 x 127 mm	
Wheel Bolt Torque		19 ft-lb / 25.5 Nm		19 ft-lb / 25.5 Nm	
Hydraulic Pressure		3000 psi/ 207 bar		3000 psi/ 207 bar	
Power System Voltage		24 Volt DC / 300Ah		24 Volt DC / 300Ah	
Battery Charger	Input	110-230 V AC, 50-60 Hz		110-230 V AC, 50-60 Hz	
	Output	24 Volt DC		24 Volt DC	
Batteries		Four 12-Volt deep cycle; 300 Ah		Four 12-Volt deep cycle; 300 Ah	

Meets applicable requirements of ANSI A92.6-2006. *Working Height adds 6 feet (2 m) to platform height. **Weight may increase with certain options.

Introduction

This Operator's Manual has been designed to provide you, the owner, user or operator, with the instructions and operating procedures essential to properly and safely operate your MEC Aerial Work Platform for positioning personnel, along with their necessary tools and materials, to overhead work locations.

DANGER

The Operator's Manual must be read and understood prior to operating your MEC Aerial Work Platform. The user/operator should not accept operating responsibility until he/she has read and understands the operator's manual as well as having operated the MEC Aerial Work Platform under supervision of an authorized, trained and qualified operator.

It is essential that the operator of the aerial work platform is not alone on the workplace during operation.

Modifications of this machine from the original design and specifications without written permission from MEC are strictly forbidden. A modification may compromise the safety of the machine, subjecting operator(s) to serious injury or death.

Your MEC Aerial Work Platform has been designed, built, and tested to provide safe, dependable service. Only authorized, trained and qualified personnel shall be allowed to operate or service the machine.

MEC, as manufacturer, has no direct control over machine application and operation. Proper safety practices are the responsibility of the owner, user and operator.

If there is a question on application and/or operation contact:

MEC Aerial Platform Sales Corp.
1401 S. Madera Avenue, Kerman, CA 93630 USA
Toll Free: 1 - 877 - 632 - 5438
Phone: 1 - 559 - 842 - 1500
Fax: 1 - 559 - 842 - 1520
info@MECawp.com
www.MECawp.com

Safety

DO NOT operate this machine until you have read and understood this manual, have performed the Workplace Inspection, Pre-Start Inspection and Routine Maintenance, and have completed all the test operations detailed in the Operating Instructions section.

Failure to read, understand and follow all safety rules, warnings, and instructions could result in serious injury or death. For your safety and the safety of those around you, you must operate your machine as instructed in this manual.

MEC designs aerial work platforms to safely and reliably position personnel, along with their necessary tools and materials, at overhead work locations. The owner/user/operator of the machine should not accept responsibility for the operation of the machine unless properly trained.

ANSI and other applicable standards identify requirements of all parties who may be involved with self-propelled elevating work platforms. The ANSI/SIA A92.6-2006 Manual of Responsibilities is considered a part of this machine and can be found in the manual compartment, located at the platform control station. To ensure safe use of machine, inspections and training specified in ANSI/SIA A92.6-2006 must be performed at designated intervals as prescribed.

California Proposition 65 Warning

This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Safety Alert Symbols

MEC manuals and decals use symbols and colors to help you recognize important safety, operation and maintenance information.

DANGER

RED – Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

ORANGE – Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

YELLOW with alert symbol – Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

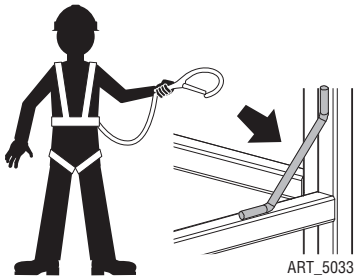
CAUTION

YELLOW without alert symbol – Indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTICE

GREEN – Indicates operation or maintenance information.

Fall Protection


ART_5033

Operators must comply with employer, job site and governmental rules regarding the use of personal protective equipment.

If required by your employer or job site, use personal fall protection equipment (PFPE) when operating this machine.

All PFPE must comply with applicable governmental regulations, and must be inspected and used in accordance with the PFPE manufacturer's instructions.

Fall restraint must be properly attached to a designated anchorage point when driving or operating the machine. Attach only one fall restraint to each anchorage point.

Electrocution Hazard

DANGER

ELECTROCUTION HAZARD! THIS MACHINE IS NOT INSULATED!

DEATH OR SERIOUS INJURY will result from contact with or inadequate clearance from any electrically charged conductor.

You must maintain a CLEARANCE OF AT LEAST 10 FEET (3.05 m) between any part of the machine, or its load, and any electrical line or apparatus carrying over 300 Volts up to 50,000 Volts. One foot (30.5 cm) additional clearance is required for every additional 30,000 Volts.

Observe Minimum Safe Approach Distance.


Art_2824


Art_2823

This machine **is not** electrically insulated and **will not** provide protection from contact with or proximity to electrical current.

Maintain safe distances from electrical power lines and apparatus in accordance with applicable government regulations and the following chart:

Minimum Save Approach Distance

Voltage Phase to Phase	Minimum Safe Approach Distance Feet	Meters
0 to 300 Volts	Avoid Contact	
Over 300V to 50kv	10	3.1
Over 50KV to 200KV	15	4.6
Over 200KV to 350KV	20	6.1
Over 350KV to 500KV	25	7.6
Over 500KV to 750KV	35	10.7
Over 750KV to 1000KV	45	13.7

Allow for platform movement, electrical line sway or sag and beware of strong or gusty winds.

Keep away from the machine if it contacts energized power lines. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

Do not use the machine as a ground for welding.

Tip-over Hazards


Art_2828

DO NOT exceed the maximum platform capacity. The weight of options and accessories will reduce the rated platform capacity and must be factored into the total platform load. Refer to the decals on the options.

DO NOT elevate the platform when the machine is on a surface that is soft and/or on a slope. DO NOT elevate the platform unless the machine is on a firm, level surface.

DO NOT depend on the tilt alarm as a level indicator. STOP if the tilt alarm sounds and the red light illuminates when the platform is raised. Use extreme caution to lower the platform. Move the machine to a firm, level surface.

Driving: DO NOT drive the machine on a slope that exceeds the maximum uphill, downhill or side slope rating. Slope rating applies to machines in the stowed position.


Art_2834

DO NOT DRIVE ON IRREGULAR OR UNSTABLE SURFACE

Driving in stowed position: use extreme care and reduce speed when driving across uneven terrain, debris, unstable or slippery surfaces, and near holes or drop-offs.

Driving with the platform elevated: DO NOT drive on or near uneven terrain, unstable surfaces, curbs, drop-offs or other hazardous conditions. DO NOT drive the machine faster than .5 mph/.8 km/h while elevated

DO NOT push off or pull toward any object outside the platform. DO NOT push the machine or other objects with the platform. DO NOT contact adjacent structures with the platform. DO NOT tie the platform to adjacent structures.


Art_2833

DO NOT PUSH OR PULL OBJECTS OUTSIDE PLATFORM

Maximum Allowable Side Force
50 lbs (222 N) per person

DO NOT use the platform controls to free a platform that is caught, snagged or otherwise prevented from normal motion by an adjacent structure.

DO NOT elevate the platform when wind speeds are in excess of 28 m.p.h. (12.5 m/s). If wind speeds exceed 28 m.p.h. (12.5 m/s) when the platform is elevated, carefully lower the platform and discontinue operation.

DO NOT increase the surface area of the platform (i.e. cover the rails with tarp or plywood). Increased surface area exposed to the wind will decrease machine stability.


Art_2831

DO NOT ELEVATE IN WINDY CONDITIONS

DO NOT attach overhanging loads or use the machine as a crane. DO NOT place loads outside the platform perimeter.

NEVER transport tools and materials unless they are firmly secured. Secure all tools and loose materials.

NEVER alter or disable any machine components.

NEVER replace any part of the machine with items of different weight or specification.

NEVER modify or alter the work platform without written permission from MEC.

NEVER place ladders or scaffolds in the platform or against any part of the machine.

NEVER use the machine on a moving or mobile surface or vehicle.


Art_2832

DO NOT USE AS CRANE

Ensure that all tires are in good condition and lug nuts are properly torqued.

DO NOT operate the machine with the chassis trays open.

DO NOT alter or disable the limit switches or machine components that in any way affect safety and stability.

DO NOT replace items critical to machine stability with items of different weight or specification. DO NOT modify or alter this machine without prior written permission from the manufacturer.

DO NOT use batteries that weigh less than the original equipment. Each battery must weigh 82 lbs/37 kg. The batteries must weigh a minimum of 328 Ibs/148 kg.

Fall Hazards

Art_2826

DO NOT CLIMB ON RAILS

DO NOT sit, stand or climb on the platform guard rails. Maintain a firm footing on the platform floor at all times.

DO NOT exit the platform when elevated. DO NOT climb down from the platform when elevated.

Keep the platform floor clear of debris.

DO NOT fasten a fall restraint lanyard to an adjacent structure.

Ensure that the platform entry is properly closed and secured before operating the machine.

Ensure that the guard rails are properly installed and in good condition before operating the machine.

Operators must comply with employer and job site rules and governmental regulations regarding the use of personal protective equipment.

Art_2825

DO NOT EXIT PLATFORM WHEN ELEVATED

Collision Hazards

Art_2835

Check path before moving for equipment, materials or other obstructions.

Check path before moving for overhead obstructions.

Check path before moving for crushing hazards when holding the platform rail.

Be aware of limited sight distance and blind spots when driving or operating.

Be aware of extended platform position(s) when moving the machine.

Observe and use color-coded direction arrows on the platform controls and platform decal plate for drive and steer functions.

Reduce travel speed when moving the machine on slopes, when near personnel and obstacles, or when surface conditions are wet, slippery or otherwise limiting.

Art_2829

DO NOT operate in the path of any crane unless the controls of the crane have been locked out and/or precautions have been taken to prevent any possible collision.

Stunt driving and horseplay are PROHIBITED.

Watch for personnel and obstructions below the platform when lowering the platform.

Keep hands and limbs out of scissors.

Use common sense and planning when operating the machine with the controller from the ground. Maintain safe distances between the operator, the machine and fixed objects.

Art_2827

Additional Safety Hazards

Explosion and Fire Hazards

DO NOT operate the machine in hazardous locations or locations where potentially flammable or explosive gasses or particles may be present.

Damaged Machine Hazards

Conduct a thorough pre-start inspection of the machine and test all functions before each work shift to check for damage, malfunction and unauthorized modification. Tag and remove a damaged, malfunctioning or modified machine from service. DO NOT use a damaged, malfunctioning or modified machine.

Routine maintenance must be performed by the operator before each work shift. Scheduled maintenance must be performed by a qualified service technician at scheduled intervals. Tag and remove from service any machine that has not had scheduled preventative maintenance performed.

Check that all safety and instructional decals are in place and undamaged.

Check that the operator's, safety and responsibilities manuals are present in the storage container located in the platform. All manuals must be complete, undamaged and readable.

Bodily Injury Hazards

DO NOT operate the machine when there is a hydraulic fluid or air leak. Hydraulic fluid or air under pressure can penetrate and/or burn skin.

All compartments must remain closed and secure during machine operation. Improper contact with components under any cover will cause serious injury. Only trained maintenance personnel should access compartments. The operator should only access a compartment when performing pre-operation inspection.

Weld Line to Platform Safety (if equipped)

Read, understand and follow all warnings and instructions provided with the welding power unit.

Do not connect weld leads or cables unless the welding power unit is turned off at the platform controls.

DO NOT operate unless the weld cables are properly connected.

DO NOT connect the ground lead to the platform.

Battery Safety

Burn Hazards

Batteries contain acid. Always wear protective clothing and eye wear when working with batteries.

Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

Explosion Hazard

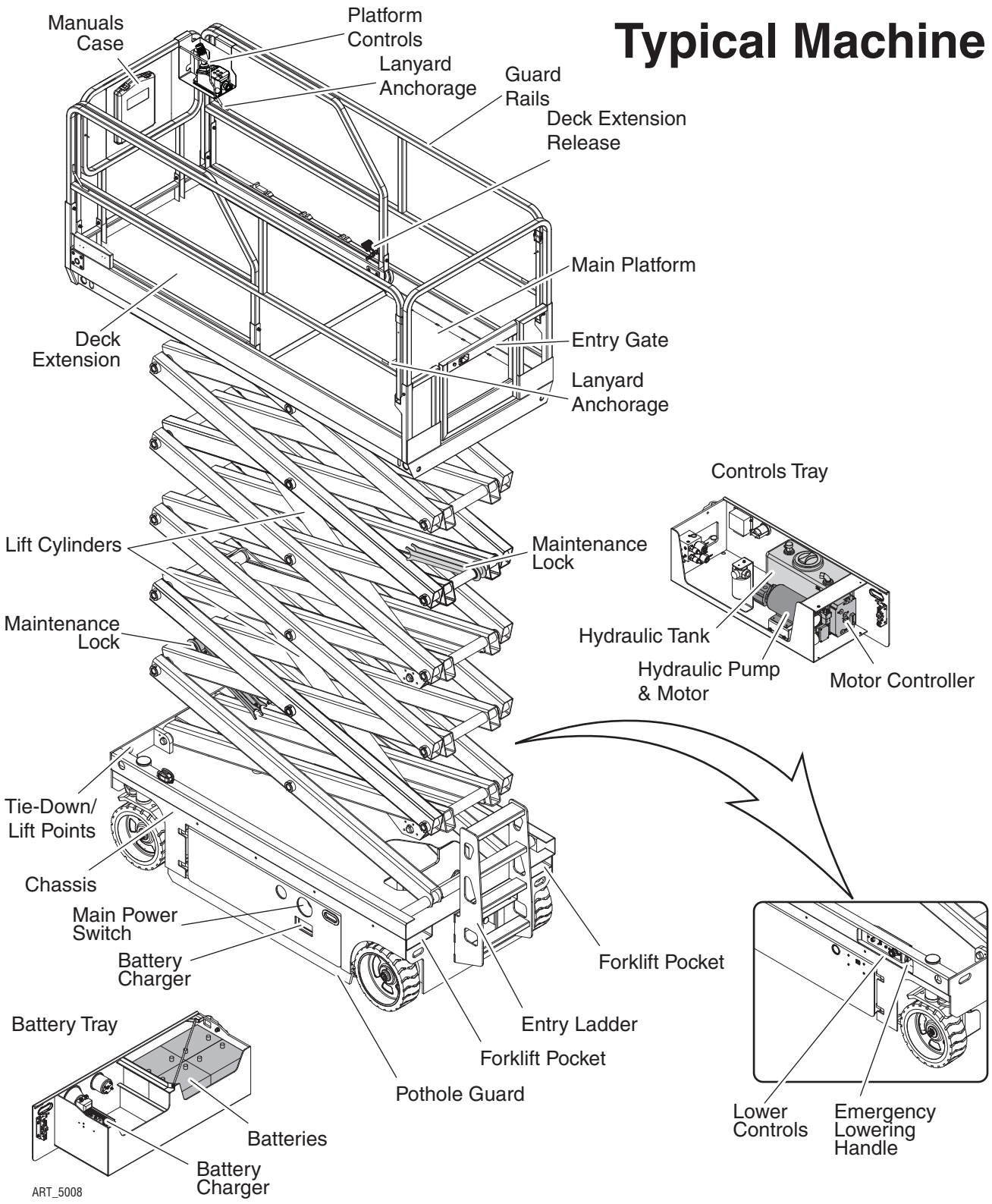
Keep sparks, flame and lighted tobacco away from batteries. Batteries emit explosive gas. The battery tray should remain open during the entire charging cycle.

Electrocution Hazard

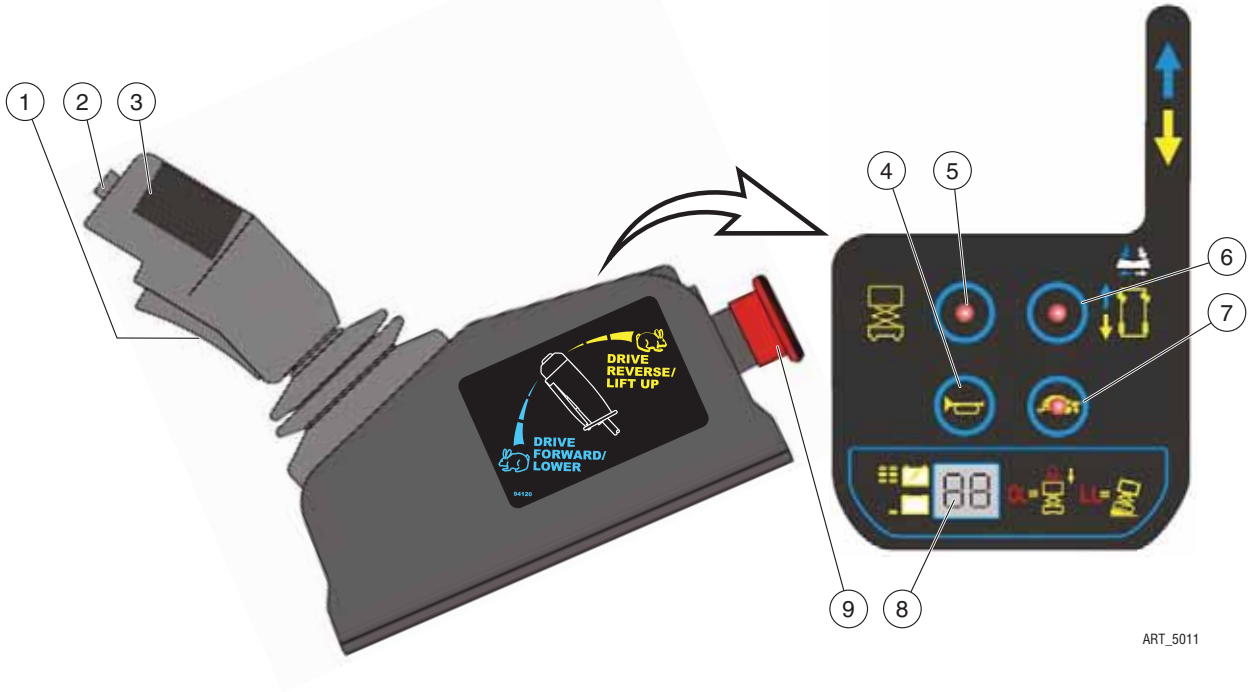
Avoid contact with electrical terminals.

Controls & Components

Component Locations



Platform Controls

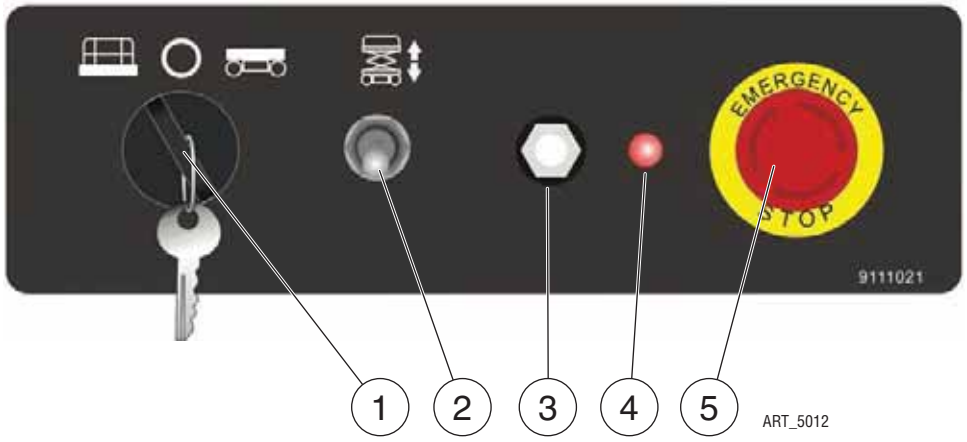


WARNING

ALWAYS be aware of the machine's position and of your surroundings before activating any control function.

	CONTROL	DESCRIPTION	
1	Function Enable Switch	Squeeze to enable DRIVE, STEER, and LIFT functions from the Control Handle.	
2	Steer Switch	Using your thumb, press and hold the rocker switch to steer Left or Right.	
3	Control Handle	DRIVE	Proportionally controls Forward and Reverse travel.
		LIFT	Proportionally controls Lift and Lower functions.
4	Horn Button	Press to sound warning horn.	
5	Lift Select	Press this button to enable the Lift function.	
6	Drive Select	Press this button to enable the Drive function.	
7	Drive Speed Select	Light ON indicates Low Speed Drive is selected. Light OFF indicates High Speed Drive is selected.	
8	LED Display	Indicates the state of battery charge and displays diagnostic codes when necessary.	
9	Emergency Stop Switch	Press the EMERGENCY STOP switch at any time to stop all machine functions. Turn switch *clockwise* to reset.	

Lower Controls



WARNING

ALWAYS be aware of the machine's position and of your surroundings before activating any control function.

CONTROL		DESCRIPTION	
1	Key Switch	PLATFORM	Select to operate from the platform control panel.
		BASE	Select to operate from the base control panel.
		OFF	Select to stop operation from either control panel.
2	Platform Lift/Lower Switch	With the Key Switch in the BASE position, move this switch up to lift the platform or down to lower the platform.	
3	7-Amp Circuit Breaker	Trips when there is excess electrical load. Push to reset.	
4	Indicator Light	ON indicates that machine system is powered up and functioning.	
5	Emergency Stop Switch	Press the EMERGENCY STOP switch at any time to stop all machine functions. Turn switch *clockwise* to reset	

Workplace Inspection

DO NOT operate this machine until you have read and understood this manual, have performed the Workplace Inspection, Pre-Start Inspection and Routine Maintenance, and have completed all the test operations detailed in the Operating Instructions section.

Inspect the workplace and determine whether the workplace is suitable for safe machine operation. Do this before moving the machine to the workplace.

Be sure the lift is the correct machine for the job.

Be aware of workplace conditions, and continue to watch for hazards while operating the machine.

Workplace Inspection

Before operating the machine, check the workplace for all possible hazards, including but not limited to:

- drop-offs or holes, including those concealed by water, ice, mud, etc.
- sloped, unstable or slippery surfaces
- bumps, surface obstructions and debris
- overhead obstructions and electrical conductors
- other objects or equipment
- hazardous locations and atmospheres
- inadequate surface and support to withstand all load forces imposed by the machine
- wind and weather conditions
- the presence of unauthorized personnel
- other possible unsafe conditions

Operating Instructions & Functions Test

DO NOT operate this machine until you have read and understood this manual, have performed the Workplace Inspection, Pre-Start Inspection and Routine Maintenance, and have completed all the test operations detailed in the Operating Instructions section.

This section provides instructions and tests for each function of machine operation. Follow all safety rules and instructions. The operator must conduct inspections and a Functions Test of the machine before each work shift to check that all machine systems are working properly.

Test the machine on a firm level surface with no debris, drop-offs, potholes or overhead obstructions. Perform each step outlined in this section.

This machine shall only be operated by trained and authorized personnel. If multiple operators use this machine, all must be trained, qualified and authorized to use it. New operators must perform a Pre-Start Inspection and Functions Test prior to operating the machine.

Operators must comply with all employer and job site rules and governmental regulations regarding the use of personal protective equipment.

DO NOT use a machine that is malfunctioning. If any function does not perform as described, tag the machine and remove for repair by a qualified service technician. After repairs are completed, a Pre-Start Inspection and Functions Test must be performed before using the machine.

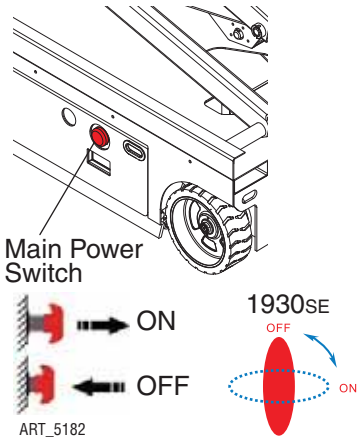
WARNING

Check the area above and around the machine for obstructions and electrical power lines before operating the machine. The machine must have space to allow full elevation of platform.

Prestart

ART_5013

- Perform *Prestart Inspection* (*see page 28*).
- Check Emergency Stop Switches at both the base and platform controls – turn clockwise or pull to reset.



ART_5182

- Check Main Power Switch. Must be in ON position.

Functions Test

1 Select a test area that is firm, level and free of obstruction.

2 Be sure the battery pack is connected.

3 Turn the main power switch to ON (pulled out) position.

At the Ground Controls

4 Pull or turn the red Emergency Stop button clockwise to the on position at both the ground and platform controls.

5 Turn the Key Switch to ground control.

6 Observe the diagnostic LED readout on the ECU window located at the Platform Controls.

- Result: The LED should look similar to the picture below.

ART_5015

Test Emergency Stop

7 Push in the ground red Emergency Stop button to the off position.
- Result: No functions should operate.

8 Turn the red Emergency Stop button clockwise to the on position.

Test Up/Down Functions

WARNING

Check the area above and around the machine for obstructions and electrical power lines before operating the machine.

A buzzer with different sound frequency is controlled by the central system. The descent alarm sounds at 60 beeps per minute. The alarm that goes off when the machine is not level or is the pothole guards have not deployed sounds at 150 beeps per minute.

9 At the Lower Controls station, turn the Key Switch to off or platform position.

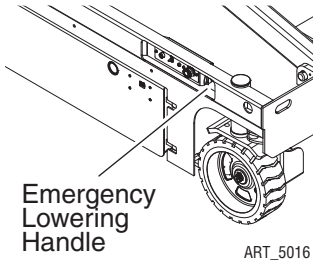
10 At the Lower Controls station, push up and hold the platform up / down switch.
- Result: No function should operate.

11 Turn the Key Switch to ground control position.

12 At the Lower Controls station, push up and hold the Platform Up switch.
- Result: The platform should raise.

13 Push down and hold the Platform Down switch.
- Result: The platform should lower to end. The descent alarm should sound while the platform is lowering.

Test the Emergency Lowering



14 Activate the up function and raise the platform approximately 2 ft / 60 cm.

15 Pull the Emergency Lowering Handle.
- Result: The platform should lower. The descent alarm will not sound.

At the Platform Controls

16 Turn the Key Switch to platform control.

Test Emergency Stop

17 Push in the platform red Emergency Stop button to the off position.
- Result: No functions should operate.

18 Pull or turn the red Emergency Stop button clockwise to the on position.
- Result: The LED indicator light should come on.

Test the Horn

19 Push the horn button.
- Result: The horn should sound.

Test Function Enable and Up/Down Functions

WARNING

Check the area above and around the machine for obstructions and electrical power lines before operating the machine.

20 Press the lift function select button.

21 Do not hold the Function Enable Switch on the control handle.

22 Slowly move the control handle forward/downward, then rearward/upward.

- Result: No functions should operate.

23 Press and hold the Function Enable Switch on the control handle.

24 Slowly pull the control handle rearward/upward.

- Result: The platform should raise. The pothole guards should deploy.

25 Release the control handle.

- Result: The platform should stop raising.

26 Press and hold the Function Enable Switch. Slowly push the control handle forward/downward.

- Result: The platform should lower. The descent alarm should sound while the platform is lowering.

Test the Steering

Note: When performing the steer and drive function tests, stand in the platform facing the steer end of the machine.

27 Press the drive function select button.

28 Press and hold the Function Enable Switch on the control handle.

29 Depress the thumb rocker switch on top of the control handle in the direction identified by the blue left arrow on the control panel.

- Result: The steer wheels should turn in the direction that the blue left arrow points on the control panel.

30 Depress the thumb rocker switch in the direction identified by the white right arrow on the control panel.

- Result: The steer wheels should turn in the direction that the white right arrow points on the control panel.

Test Drive and Braking

31 Press and hold the Function Enable Switch on the control handle.

32 Slowly move the control handle forward/downward until the machine begins to move, then return the handle to the center position.

- Result: The machine should move forward, in the direction of the steering wheels, then come to an abrupt stop.

33 Press and hold the Function Enable Switch on the control handle.

34 Slowly move the control handle rearward/upward until the machine begins to move, then return the handle to the center position.

- Result: The machine should move rearward, in the direction of the platform entry, then come to an abrupt stop.

Note: The brakes must be able to hold the machine on any slope it is able to climb.

Test Limited Drive Speed

35 Press the lift function select button.

36 Press the Function Enable Switch. Raise the platform approximately 6.6 ft / 2 m from the ground.

- Result: The pothole guards should deploy.

37 Press the drive function select switch.

38 Press and hold the Function Enable Switch on the control handle.

39 Slowly move the control handle to the full drive position.

- Result: The maximum achievable drive speed with the platform raised should not exceed .72 ft per second / 22 cm/s.
- If the drive speed with the platform raised exceeds .72 ft per second / 22 cm/s, immediately tag and remove the machine from service.

Operating Instructions

WARNING

Check the area above and around the machine for obstructions and electrical power lines before operating the machine.

Emergency Stop

ART_4979

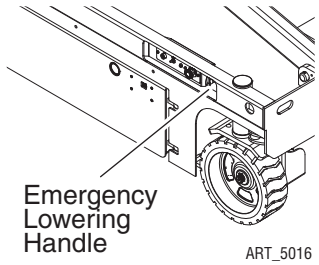
- Push in the red Emergency Stop button to the off position at the ground controls or the platform controls to stop all machine functions.
- If any function operates when either red Emergency Stop button is pushed in, repair the Emergency Stop function before using the machine.

Emergency Lowering

WARNING

If the control system fails while the platform is elevated, use the emergency lowering procedure to safely lower the platform.

Do not climb down the scissor assembly or exit the platform.



ART_5016

The Emergency Lowering System is used to lower the platform in case of power failure.

- Pull the Emergency Lowering Handle to lower the platform.


ART_5017

Operation from Ground

Drive and steer functions are not available from the ground controls.

1 Turn the Key Switch to ground control.

2 Pull or turn the red Emergency Stop button clockwise to the on position at both the ground and platform controls.

3 Be sure the battery pack is connected before operating the machine.

WARNING

Check the area above and around the machine for obstructions and electrical power lines before operating the machine.


ART_5018

To Position Platform

Move the up/down toggle switch according to the markings on the control panel.


ART_5019

Operation from Platform

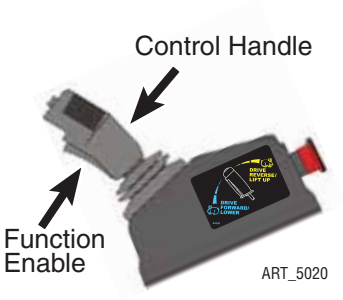
1 Turn the Key Switch to platform control.

2 Pull or turn the red Emergency Stop button clockwise to the on position at both the ground and platform controls.

3 Be sure the battery pack is connected before operating the machine.

WARNING

Check the area above and around the machine for obstructions and electrical power lines before operating the machine.



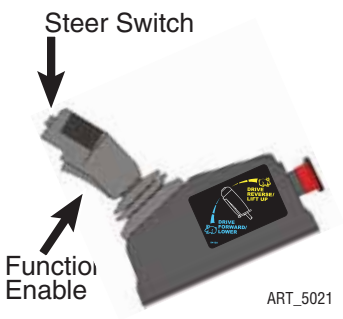
To Position Platform

1 Press the lift function select button.

2 Press and hold the Function Enable Switch on the control handle.

3 Pull the control handle upward to raise the platform.

4 Push the control handle downward to lower the platform

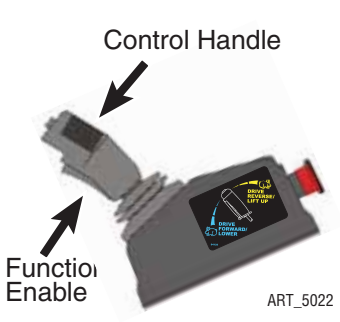


To Steer

1 Press the drive function select button.

2 Press and hold the Function Enable Switch on the control handle.

3 Turn the steer wheels with the thumb rocker switch located on the top of the control handle.



To Drive

1 Press the drive function select button.

2 Press and hold the Function Enable Switch on the control handle.

- Increase speed: Slowly move the control handle off center.
- Push the control handle forward to move forward.Pull the control handle rearward to move rearward.
- Decrease speed: Slowly move the control handle toward center.
- Stop: Return the control handle to center or release the Function Enable Switch.

Use the color-coded direction arrows on the platform controls to identify the direction the machine will travel.

Machine travel speed is restricted when the platform is raised.

Battery condition will affect machine performance. Machine drive speed and function speed will drop when the battery level indicator is flashing.


ART_5023

To Reduce Drive Speed

The drive controls can operate in two different drive speed modes.
When the drive speed button light is on, slow drive speed mode is active.
When the button light is off, fast drive speed mode is active.

Press the drive speed button to select the desired drive speed.

Driving On A Slope

Determine the slope and side slope ratings for the machine and determine the slope grade.

Maximum forward/rearward slope rating, stowed position 25%.
Maximum side slope rating, stowed position 5°.

Note: Slope rating is subject to ground conditions and adequate traction.

Press the drive speed button to the slow drive speed mode.

To determine the slope grade

Measure the slope with a digital inclinometer OR use the following procedure.

You will need:

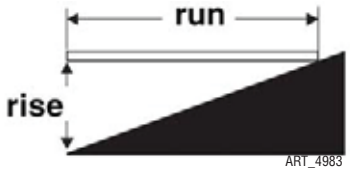
- Carpenter's level
- Straight piece of wood, at least 3.3 ft / 1 m long
- Tape measure

Lay the piece of wood on the slope.

At the downhill end, lay the level on the top edge of the piece of wood and lift the end until the piece of wood is level.

While holding the piece of wood level, measure the distance from the bottom of the piece of wood to the ground.

Divide the tape measure distance (rise) by the length of the piece of wood (run) and multiply by 100.



ART_4983

Example:

Run = 12 ft / 3.6 m

Rise = 12 in / 0.3 m

12 in ÷ 12 ft = 0.083 × 100 = 8.3%

0.3 m ÷ 3.6 m = 0.083 × 100 = 8.3%

If the slope exceeds the maximum slope or side slope rating, the machine must be winched or transported up or down the slope. See Transport and Lifting section.

Operation from Ground with Controller

WARNING

Use extreme caution when operating the machine with the controller from the ground

Maintain safe distances between operator, machine and fixed objects.

Be aware of the direction the machine will travel when using the controller.

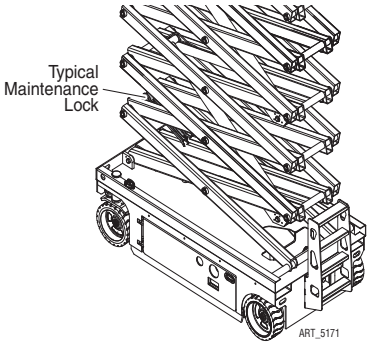
Battery Level Indicator

Use the LED diagnostic readout to determine the battery level.

Maintenance Lock

WARNING

DEATH OR SERIOUS INJURY HAZARD!
NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock.
On machines equipped with two Maintenance Locks, both must be set to safely work on or inspect the machine.
DO NOT engage the Maintenance Locks unless the platform in empty of tools and material.



1930SE, 2632SE and 3346SE Machines:

On the 1930SE, the Maintenance Lock is located at the rear of the scissor stack. On the 2632SE and 3346SE, the Maintenance Lock is located at the front of the scissor stack.

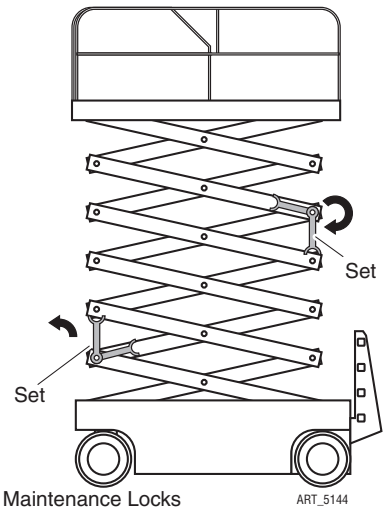
1 Raise the platform approximately just high enough to rotate the Maintenance Lock into place.

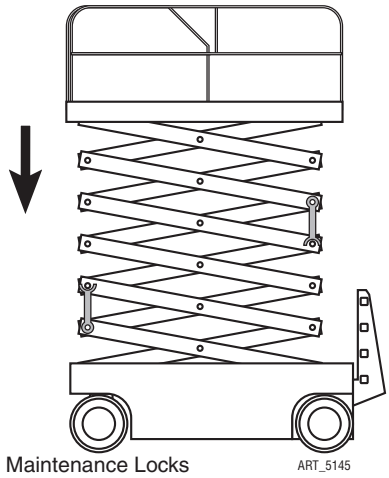
2 Lift the Maintenance Lock, move it to the center of the scissor arm, then rotate it up to a vertical position.

CAUTION

The Maintenance Lock must engage the scissor section above it. DO NOT set it so that it hangs down.

3 Lower the platform until the Maintenance Lock rests securely on the link. Keep clear of the Maintenance Lock when lowering the platform.





4046SE and 4555SE Machines: Setting The Maintenance Lock

There are two Maintenance Locks on these machines. Both must be set whenever work or inspection is being performed on the machine.

1 Raise the platform approximately 13 ft/ 4m, just high enough to rotate the Maintenance Locks into place.

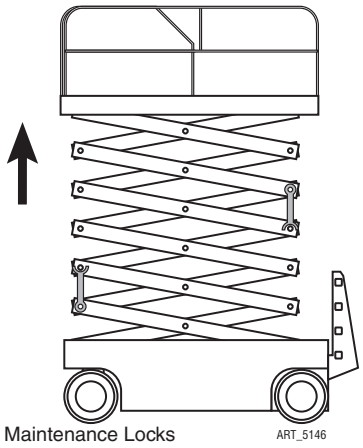
2 Lift the ladder-end Maintenance Lock, move it to the center of the scissor arm, then rotate it down to a vertical position.
Use the machine entry ladder to reach the rear Maintenance Lock.

3 Lift the front-end Maintenance Lock, move it to the center of the scissor arm, then rotate it up to a vertical position.

CAUTION

The Front End Maintenance Lock must engage the scissor section above it.
DO NOT set it so that it hangs down.

4 Lower the platform until the Maintenance Locks rest lightly on the scissor link cross tubes. Keep clear of the Maintenance Locks when lowering the platform.

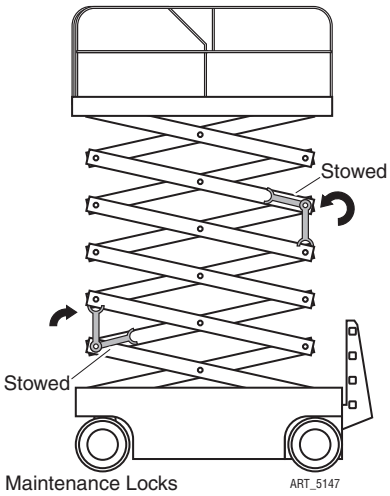


Stowing The Maintenance Locks

CAUTION

BOTH Maintenance Locks must be stowed before lowering the platform.
DO NOT attempt to lower the platform with one maintenance lock in place.

1 Raise the platform approximately 1 ft / .3 m higher so that the Maintenance Locks clear the scissor link cross tubes.



2 Slide the ladder-end Maintenance Lock to the side and rotate it stowed position. Use the machine entry ladder to reach the rear Maintenance Lock.

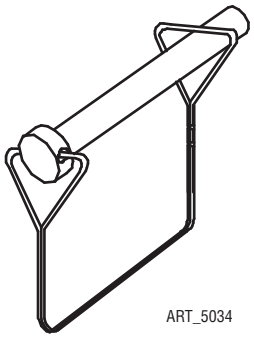
3 Slide the front-end Maintenance Lock to the side and rotate it stowed position.

4 Lower the platform.

Keep clear of the scissor linkage when lowering.

If a Maintenance Lock requires adjustment to stow it correctly, stop the lowering function. Adjust the maintenance lock while stationary, then return to the lowering function.

How to Fold Down the Guardrails



The platform railing system consists of three fold down rail section for the deck extension and three sections for the main deck. All sections are held in place by spring pins.

Each spring pin is secured to a guardrail with a cable lanyard to prevent loss. If the lanyard is broken or not present, replace the spring pin in the hole it came out of to prevent loss.

1 Fully lower the platform and retract the platform extension.

2 Remove the platform controls.

3 From inside the platform, remove the two spring pins from the front of the deck extension.

4 Fold down the front rail of the deck extension. Keep hands clear of pinch points.

5 Fold down the right rail of the deck extension. Keep hands clear of pinch points.

6 Fold down the left rail of the deck extension. Keep hands clear of pinch points.

7 Carefully open the gate and move to the rear step.

8 From the rear step, remove the right rear spring pin from the main deck guardrails.

9 Fold down the right rail assembly. Keep hands clear of pinch points.

10 Remove the left rear spring pin from the main deck guardrails.

11 Fold down the left rail assembly. Keep hands clear of pinch points.

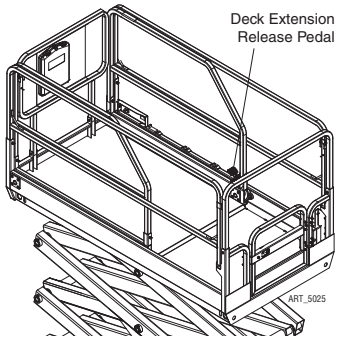
12 Fold down the rear rail assemble. Keep hands free of pinch points.

To return the machine to normal operation mode:

- Lift all rails into their upright position, then secure them with spring pins.
- Check that the Personnel Entry closure functions properly.
- Position the platform control box on the front right rail of the platform.

DO NOT use the machine until all closures and guard rails are in position and properly secured.

To Extend and Retract the Deck Extension



1 Press the platform lock pin foot pedal on the extension deck.

2 Push the platform extension guardrail to extend the platform to the desired position.

Do not stand on the platform extension while extending or retracting it.

WARNING

IF THE ROLL-OUT DECK IS EXTENDED CHECK FOR CLEARANCE UNDER DECK AREA BEFORE LOWERING PLATFORM.

Error Indicator Readout

ART_4985

The Error Indicator Readout is located at the Upper Controls station.
Consult the Service & Parts Manual for Alarm Code descriptions. Manuals are available free online at www.MECawp.com.

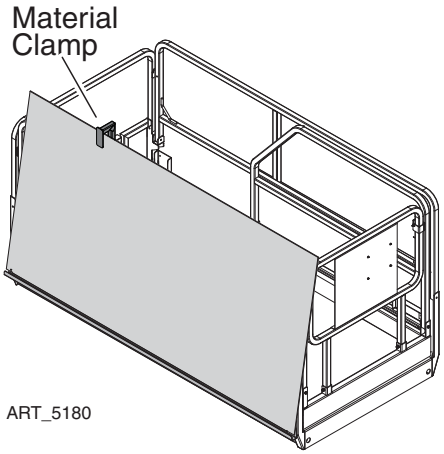
Shutdown Procedure

- When finished with the machine, place the platform in the stowed position.
- Park the machine on a level surface.
- Turn the Key Switch to the OFF position and remove the key to prevent unauthorized use.
- Carefully exit the platform using a constant three (3) point dismount/grip.
- Always put the main power switch in OFF position when leaving the machine at the end of the work day.
- Charge the batteries.

Sheet Materials Rack
1930SE, 2632SE and 3346SE Models only

WARNING

SHEET MATERIAL WEIGHT IS PART OF THE TOTAL PLATFORM CAPACITY. THIS MAY LIMIT CAPACITY TO ONE OCCUPANT.
DO NOT exceed the Sheet Materials Rack capacity listed in the table below.
DO NOT allow any personnel to stand below the machine when the Sheet Materials is in use.
Fasten the material securely with straps or optional material clamps until use.



ART_5180

1930SE, 2632SE and 3346SE models are equipped with a Sheet Materials Rack. Sheet material may be secured outside the platform to this rack up to the capacities listed in the table below. Maximum size of material on the Sheet Material Rack is 4' x 8' (1.2m x 2.4 m) for outdoor wind loading. All material should be centered on the Sheet Materials Rack.

Use caution when driving the machine or elevating the platform when the Sheet Material Rack is loaded.

Secure the sheets to the platform with the provided material clamp until ready to use.

Remove the J-shaped arm from the Material Clamp when loading material on the Sheet Material Rack.

When all material is loaded, replace the J-shaped arm as shown and secure in place with the snap pin.

Model	Sheet Material Rack Capacity
1930SE 2632SE	110 LB 50 KG
3346SE	250 LB 113 KG

Battery Charging

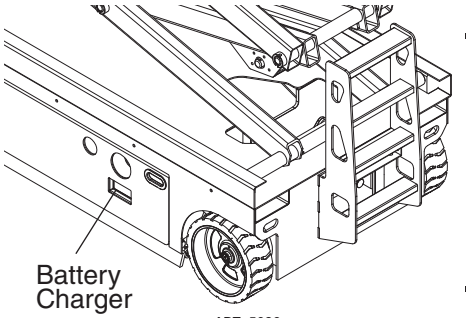
WARNING

The charger surface can get hot while operating. Contact with the skin or surrounding materials should be avoided.

To reduce the risk of an electric shock, connect only to a properly grounded single-phase (3 wire) outlet.

Do not use an external charger or booster battery.

Charge the battery in a well-ventilated area.



ART_5026

CAUTION

Use proper AC input voltage for charging as indicated on the machine.

Use only MEC authorized batteries and chargers.

IMPORTANT— Be sure to disconnect the charger from the outlet before attempting to operate the unit.

The charger will indicate the status of the charge cycle.

Maintenance

DO NOT operate this machine until you have read and understood this manual, have performed the Workplace Inspection, Pre-Start Inspection and Routine Maintenance, and have completed all the test operations detailed in the Operating Instructions section.

The operator must conduct a Pre-Start Inspection of the machine and test all functions before each work shift to check for damage, malfunction and unauthorized modification. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

Tag and remove a damaged, malfunctioning or modified machine from service. DO NOT use a damaged, malfunctioning or modified machine.

Use the Pre-Start Inspection to determine what Routine Maintenance is required. The operator may perform only the routine maintenance items specified in this manual.

IMPORTANT—Scheduled maintenance inspection checklists are included in this manual for use only by qualified service technicians. Only qualified service technicians may perform repairs to the machine. After repairs are completed, the operator must perform a Pre-Start Inspection before proceeding to the Functions Test.

DANGER

Hydraulic fluid under pressure can penetrate and burn skin, damage eyes, and may cause serious injury, blindness, and death. Repair leaks immediately. Fluid leaks under pressure may not always be visible. Check for pin hole leaks with a piece of cardboard, not your hand.

WARNING

NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock (see page 19).

Perform scheduled maintenance at recommended intervals. Failure to perform scheduled maintenance at recommended intervals may result in a defective or malfunctioning machine and may result in injury or death of the operator. Keep maintenance records current and accurate.

Immediately report any damage, defect, unauthorized modification or malfunction to your supervisor. Any defect must be repaired prior to continued use. DO NOT use a damaged, modified or malfunctioning machine.

CAUTION

Never leave hydraulic components or hoses open. Plug all hoses and fitting immediately after disassembly to protect the system from outside contamination (including rain).

Never open a hydraulic system when there are contaminants in the air.

Always clean the surrounding area before opening hydraulic systems.

Use only recommended lubricants. Improper lubricants or incompatible lubricants may cause as much damage as no lubrication.

Watch for makeshift "fixes" which can jeopardize safety as well as lead to more costly repair.

Inspection and maintenance should be performed by qualified personnel familiar with the equipment.

Routine Maintenance

WARNING

NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock.
See page 19 for instructions.

IMPORTANT—The operator may perform only maintenance items on the Pre-Start Inspection Checklist. Frequent and Annual maintenance must be performed by qualified service technicians.

Pre-Start Inspection Perform routine maintenance as identified in the *Pre-Start Inspection Checklist* on page 28.

Frequent and Annual Maintenance

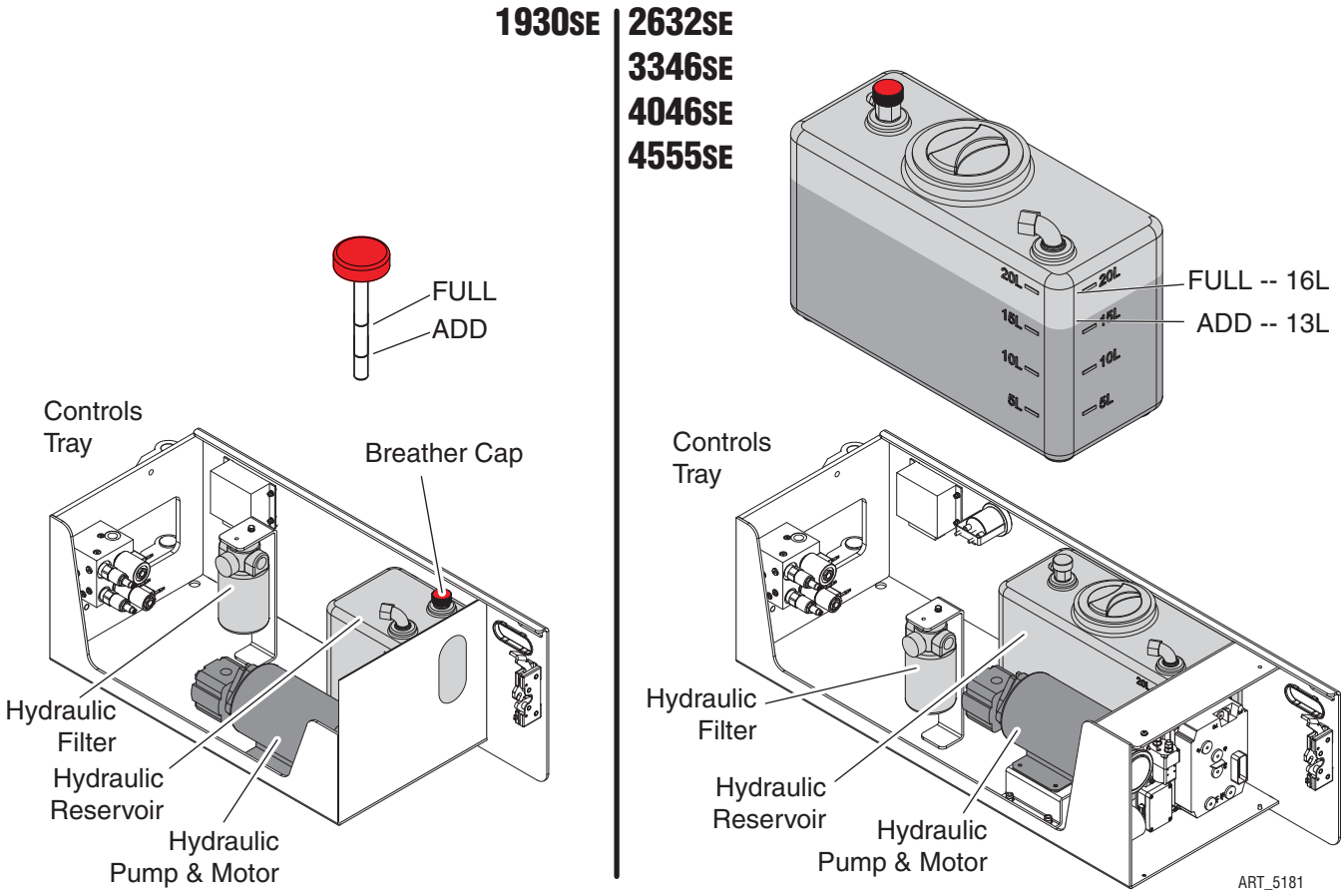
Frequent Inspection Checklists and Annual Inspection Reports must be completed by qualified service technicians trained and authorized to perform maintenance on this machine, and must be done in accordance with the procedures outlined in the service manual. Scheduled maintenance inspection checklists are included in this manual for use by qualified service technicians.

IMPORTANT—In addition to the Frequent Inspection Checklists and Annual Inspection, the 30-Day Service must be performed after the first 30 days or 40 hours of initial service. See the Service & Parts Manual for specific instructions.

Machines that have been out of service for more than three months must have the Frequent Inspection Checklists completed before returning to service.

Lubrication

Operator may perform routine maintenance only. Lubrication listed as Scheduled Maintenance must be performed by a qualified service technician.



Lubrication

No.	ITEM	SPECIFICATION	FREQUENCY
1	Hydraulic Reservoir	Mobile Fluid DTE 10, DTE 13 M, or AW32 **Do not substitute other fluids as pump damage may result.** Check as shown above with platform in the stowed position. Fill as needed.	**Routine Maintenance** Check hydraulic oil level every week **Scheduled Maintenance** Change yearly or every 600 hours, whichever occurs first
2	Hydraulic Cap Breather Filter And Hydraulic Filter	Breather Filter (located inside Filler Cap) Hydraulic Filter Canister	**Scheduled Maintenance** **Normal Conditions** Change every six months or 300 hours, whichever occurs first **Severe Conditions--very dusty, exceptionally hot or exceptionally cold conditions** Change every three months or 150 hours, whichever occurs first

Pre-Start Inspection Checklist

The operator must conduct a Pre-Start Inspection of the machine before each work shift.
DO NOT use a damaged or malfunctioning machine.

Initial	Description
_____	Be sure that the operator's manual are complete, legible and in the storage container located in the platform.
_____	Be sure that all decals are legible and in place. See Decals section.
_____	Check for hydraulic oil leaks.
_____	Check for battery fluid leaks.

Check the following components or areas for damage, improperly installed or missing parts and unauthorized modifications:

_____ Electrical components, wiring and electrical cables
_____ Battery connections
_____ Hydraulic hoses, fittings, cylinders and manifolds
_____ Battery pack and connections
_____ Drive motors
_____ Slide blocks/wear pads
_____ Tires and wheels
_____ Ground strap
_____ Limit switches, alarm and beacon
_____ Nuts, bolts and other fasteners
_____ Platform entry gate
_____ Beacons and alarms
_____ Maintenance Lock
_____ Platform extension
_____ Scissor pins and retaining fasteners
_____ Platform control handle
_____ Brake release components
_____ Pothole guards

Check entire machine for:

_____ Cracks in welds or structural components
_____ Dents or damage to machine
_____ Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened
_____ Be sure that guard rails are properly installed and secured, and that all pins and bolts are properly fastened.
_____ Be sure that the chassis trays are closed and latched and the batteries are properly connected.

⚠ WARNING

NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock. See page 19 for instructions.

Frequent Inspection Checklist

WARNING

This checklist must be used at 3-month intervals or every 150 hours of machine use, whichever occurs first. Failure to do so could result in death or serious injury.

Frequent Maintenance Inspections should be conducted by qualified service technicians only. Photocopy this page for reuse. Keep inspections records up to date. Record and report all discrepancies to your supervisor. See the Service & Parts Manual for specific instructions.

Model Number _____ **Serial Number** _____ **Hour Meter Reading**_____

Initial	Description
_____	Perform all checks listed on Pre-Start Inspection.
_____	Grease the Steering Yokes
_____	Inspect the condition of hydraulic fluid in the reservoir. Oil should be a clear and amber in color.
_____	Batteries
_____	Electrical wiring
_____	Tires and wheels
_____	Emergency stop
_____	Key switch
_____	Horn (if equipped)
_____	Drive brakes
_____	Drive speed - stowed
_____	Drive speed - raised
_____	Drive speed - slow
_____	Tank venting system
_____	Latch Components
_____	Test Down & Pothole limit switches
_____	Test Up limit switches

Additional maintenance requirements for severe conditions

If the machine is used in very dusty, exceptionally hot or exceptionally cold conditions, replace the Hydraulic Cap Breather Filter and Hydraulic Filter (under normal conditions replace every 6 months or 300 hours, whichever comes first).

DATE_____**INSPECTED BY** _____

Annual Inspection Report

Annual Inspection Report

MEC Aerial Platform Sales Corp.
1401 S. Madera Avenue, Kerman, CA 93630 USA
877-632-5438 • 559-842-1500 • Fax: 559-842-1520

Date _____
Serial Number _____
Model Number _____
Date Of Last Inspection _____
Date Placed In Service _____

Customer _____
Street _____
City/State/Zip _____
Phone Number _____
Contact _____

Dealer _____
Street _____
City/State/Zip _____
Phone Number _____
Contact _____

- Check each item listed below.
- Use proper Operator's, Service and Parts manual for specific information and settings.
- If an item is found to be "Unacceptable" make the necessary repairs and check the "Repaired" box.
- When all items are "Acceptable", the unit is ready for service.

Key: "Y" Yes/Acceptable
"N" No/Unacceptable
"R" Repaired
"U" Unnecessary/Not Applicable

	Y	N	R	U		Y	N	R	U		Y	N	R	U
Decals:					Base:					Operation:				
Proper Placement/Quantity					Cover Panels Secure					Wires Tight				
Legibility					Base Fasteners Tight					Switches Secure				
Correct Capacity Noted					Bolts Tight					All Functions Operational				
Rails:					Axle/Wheel Assemblies:					Emergency Down:				
All Rail Fasteners Secure					Wheel Mounting Secure					Operational				
Entry Gate Closes Properly					Steering Cylinder Pins Secure					Slow Speed Limit Switch:				
Manual/Safety Data In Box					Pivot Points Lubed					Set Properly				
					Check/Lube Steering Yokes					Pothole Bars:				
Extending Platform:										Operate Smoothly				
Slides Freely										Lock In Place				
Latches In Stowed Position										Limit Switches Adjusted				
Latches In Extended Position					Component Area:					Pressures & Hydraulics:				
Cable Secure					Valve Manifold(s) Secure					Oil Level Correct/Chg				
					Hoses Tight/No Leaks					Steering Pressure Set				
Platform:					D/C Mtr(s) Secure/Operational					Lift Pressure Set				
Platform Bolts Tight					Contactors Secure					Replace Breather Cap				
Platform Structure					Pump Secure					Replace Hydraulic Filter				
					Batteries:					Inspect Hydraulic Oil;				
					Secure					Replace If Needed				
					Fully Charged									
Wire Harnesses:					Battery Charger:									
Mounted Correctly					Secure									
Physical Appearance					Operational									
110/220V Outlet Safe/Working					Emergency Stop:									
Elevating Assembly:					Breaks All Circuits									
Beam Structures					Maintenance Lock:									
Welds					Secure									
Retaining Rings					Operational									
Cylinder Pins Secure														
Scissor Slide Blocks*														

*See Service & Parts Manual for instructions

Comments: _____

Signature/Mechanic: Date:
Signature/Owner-User: Date:

P/N 90728 Rev. 3 -- 4555SE

Warning and Instructional Decals

All warning and instructional decals must be present, legible and secure.

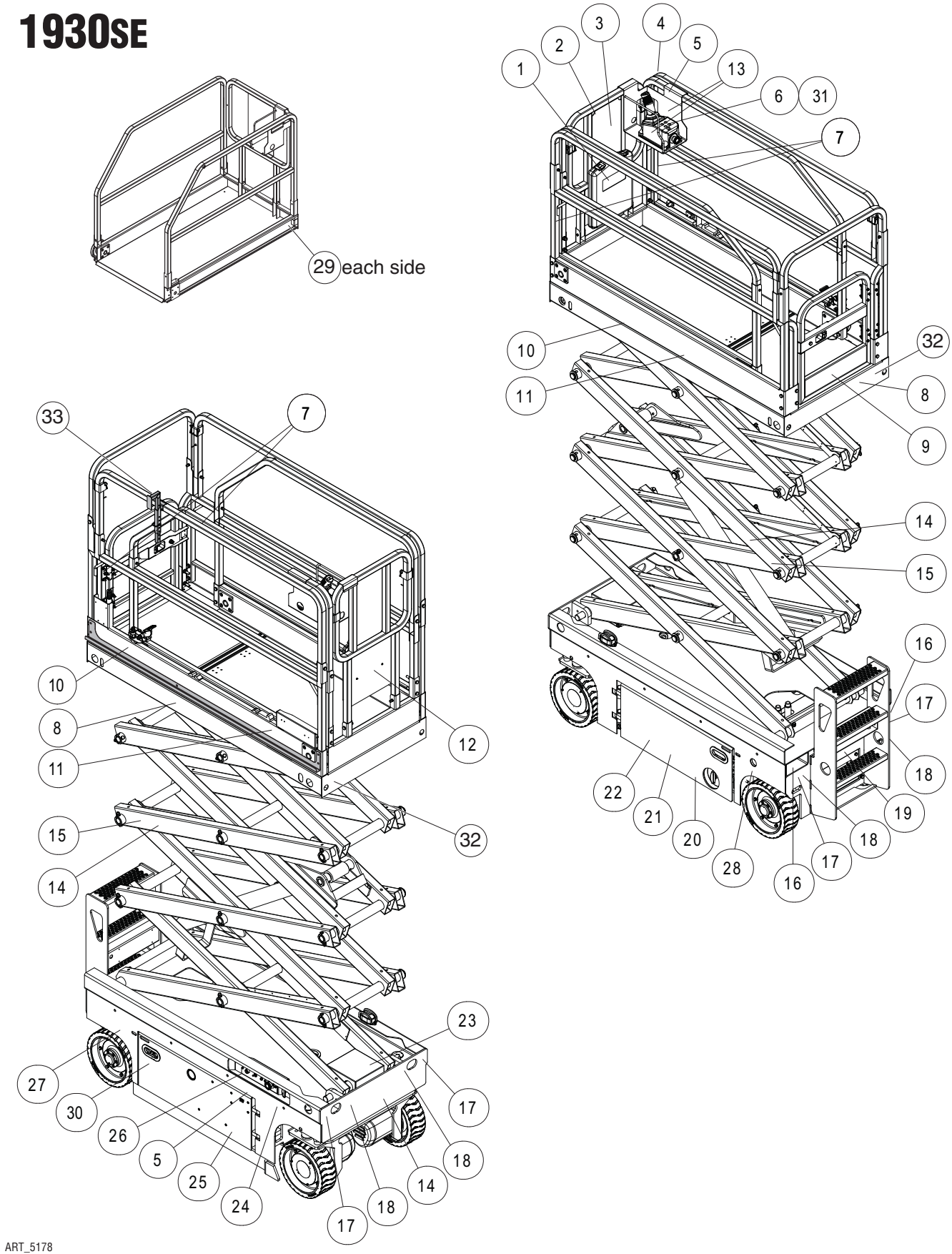
Decal List

No.	Part No.	Qty.	Description
1	8911	1	Manual Storage
2	41652	1	Danger - Safety Rules
3	41647	1	Danger - Tip-over Hazard
4	41640	1	Instructions - Platform Controller Normal Position
5	41639	2	Instructions - Refer The Operator To The Instructions For Use
6	41632	1	Label - Platform Console Panel
7	41648	4	Label - Lanyard Anchorage
8	94260	2	**1930SE, 2632SE** -- Label - Capacity 500 LBS
	94261	2	**3346SE** -- Label - Capacity 750 LBS
	41665	2	**4046SE** -- Label - Capacity 550 LBS
	41650	2	**4555SE** -- Label - Capacity 500 LBS
9	94115	1	Decal - Mec Oval, Small
10	94114	2	MEC Square
11	94255	2	**1930SE** -- Decal, 1930SE
	94256	2	**2632SE** -- Decal, 2632SE
	94257	2	**3346SE** -- Decal, 3346SE
	94258	2	**4046SE** -- Decal, 4046SE
	94117	2	**4555SE** -- Decal, 4555SE
12	90719	1	Decal, MEC Oval, Large
13	94120	2	Decal, Control Handle
14	41646	1	Danger - Crushing Hazard
15	41658	2	Instructions - Safety Arm
16	41633	2	Instructions - Forklift Pockets
17	41635	4	Instructions - Tie Down Point
18	41634	4	Instructions - Lift Point
19	90750	1	Decal, Battery Charger
20	41666	1	**1930SE** -- Notice - Main Power Switch Operation
	41637	1	**2632SE, 3346SE, 4046SE, 4555SE** -- Notice - Main Power Switch Operation
21	41644	1	Warning - Tip-over Hazard
22	41641	1	Danger - Explosion / Burn Hazard
23	41642	1	Danger - Tip-over Hazard
24	41636	1	Instruction - Emergency Lower
25	41643	1	Warning - Inspected and operating properly

No.	Part No.	Qty.	Description
26	41667	1	**1930SE** -- Decal - Lower Controls
	41631	1	**2632SE, 3346SE, 4046SE, 4555SE** -- Decal - Lower Controls
27	94113	1	Decal - Manufacturer's Plate
28	90751	1	Decal, Power To Platform
29	91850	2	Decal, Crush Hazard
30	90732	1	Decal, Warning Electrical Components
31	94121	1	Decal, Lift Function
32	94263	2	**1930SE, 2632SE only** -- Decal, Sheet Material Warning, Platform
	94264	2	**3346SE only** -- Decal, Sheet Material Warning, Platform
33	94265	1	**1930SE, 2632SE only** -- Decal, Sheet Material Warning, Clamp
	94361	1	**3346SE only** -- Decal, Sheet Material Warning, Clamp

Decal Locations: 1930SE

1930SE

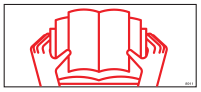


ART_5178

Decals Identification: 1930SE

1930SE

1 8911



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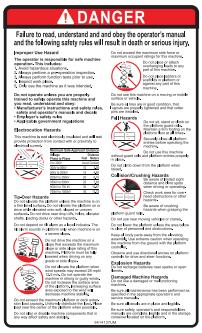
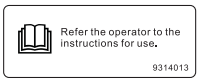


3 41647

4 41640

5 41639



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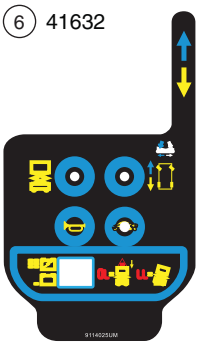

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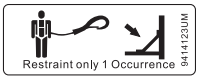


8 94260

9 94115

10 94114

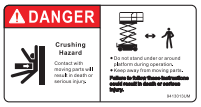
11 94255

1930SE

12 90719

13 94120

14 41646



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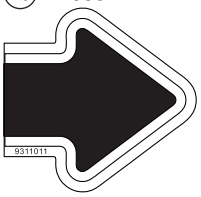
16 41633



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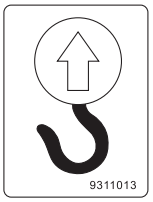
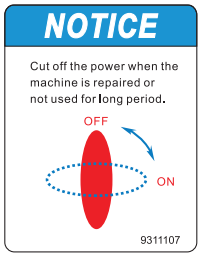
18 41634



19 90750

BATTERY CHARGER

20 41666



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22 41641

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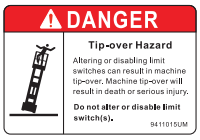

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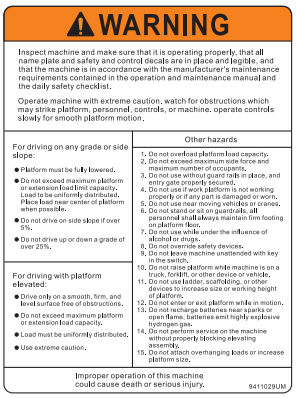

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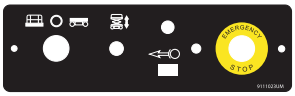

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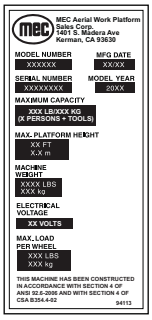


28 90751

POWER TO PLATFORM

29 91850

30 90732

31 94121

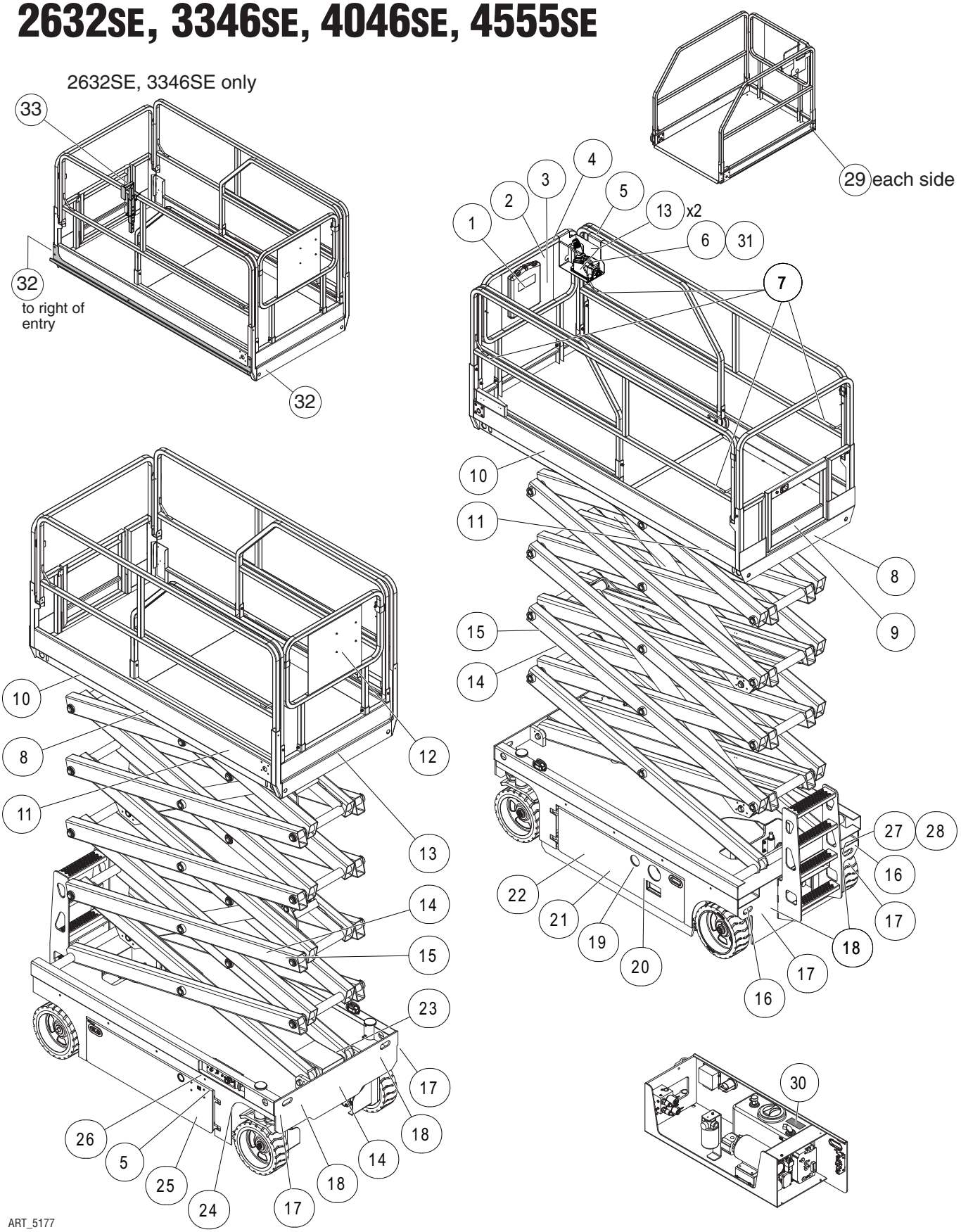
32 94263

33 94265

ART_5176

Decal Locations: 2632SE, 3346SE, 4046SE, 4555SE

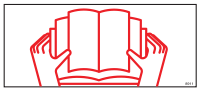
2632SE, 3346SE, 4046SE, 4555SE



Decals Identification: 2632SE

2632SE

1 8911



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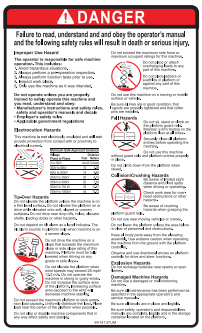
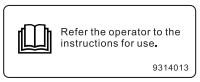


3 41647

4 41640

5 41639



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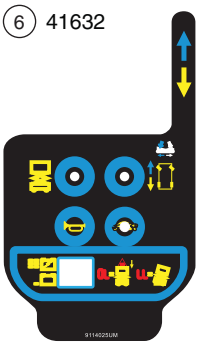
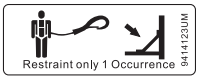


7 41648



8 94260

9 94115

10 94114

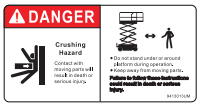
11 94256

2632SE

12 90719

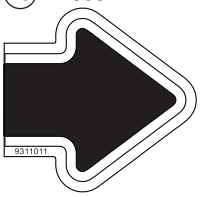
13 94120

14 41646



15 41658

16 41633



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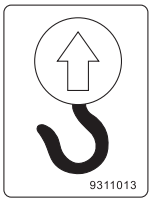
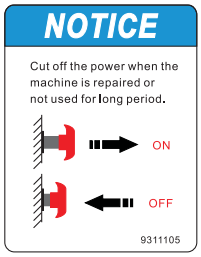
18 41634



19 90750

BATTERY CHARGER

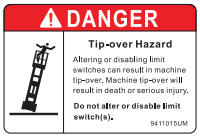
20 41637



21 41644

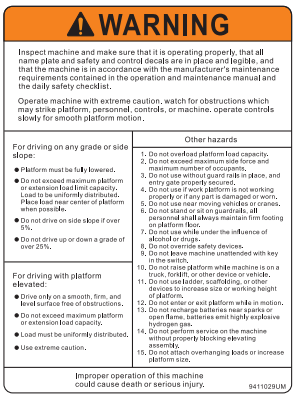
22 41641

23 41642



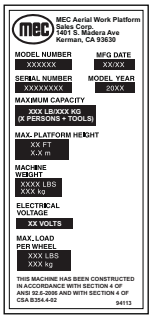
24 41636

25 41643



26 41631

27 94113



28 90751

POWER TO PLATFORM

29 91850

30 90732

31 94121

32 94263

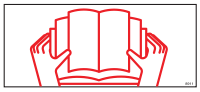
33 94265

ART_5172

Decals Identification: 3346SE

3346SE

1 8911



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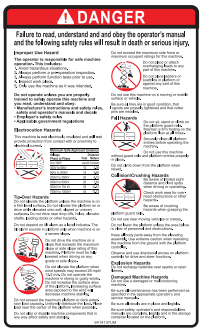
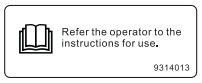


3 41647

4 41640

5 41639



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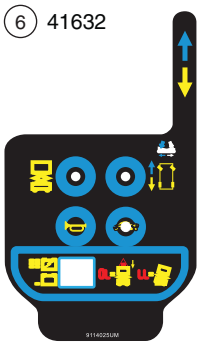
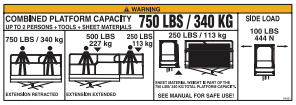


7 41648

8 94261



9 94115

10 94114

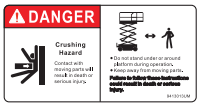
11 94257

3346SE

12 90719

13 94120

14 41646



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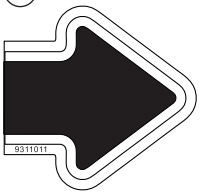

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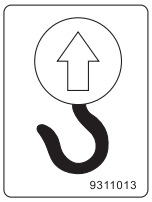
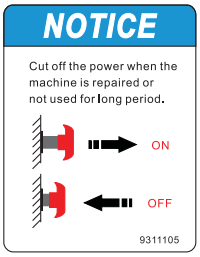


19 90750

BATTERY CHARGER

20 41637



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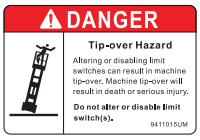
22 41641

23 41642



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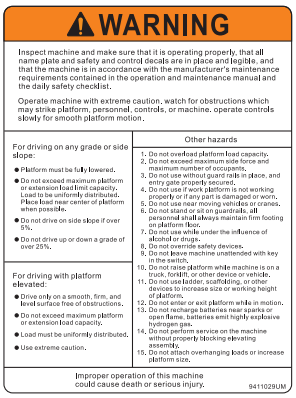
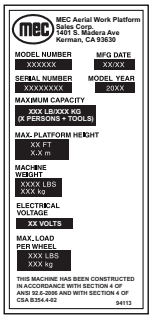
25 41643



26 41631

27 94113

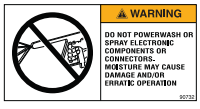


28 90751

POWER TO PLATFORM

29 91850

30 90732



31 94121

32 94264

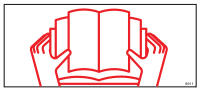
33 94361

ART_5173

Decals Identification: 4046SE

4046SE

(1) 8911



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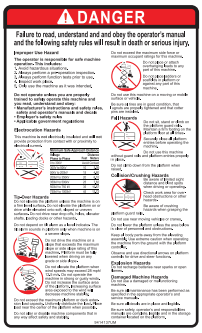
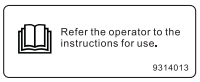


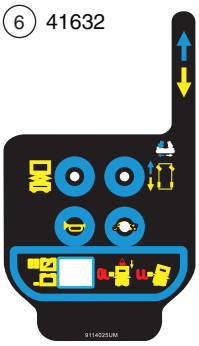
(3) 41647

(4) 41640

(5) 41639



(6) 41632



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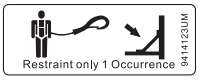
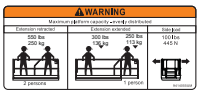


(8) 41665



(9) 94115

(10) 94114

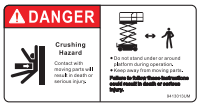
(11) 94258

4046SE

(12) 90719

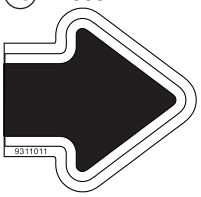
(13) 94120

(14) 41646



(15) 41658

(16) 41633



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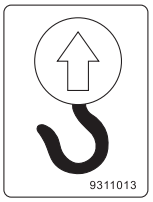
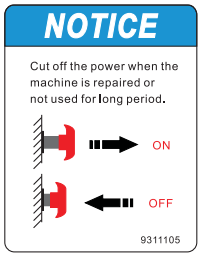


(19) 90750

BATTERY CHARGER

(20) 41637



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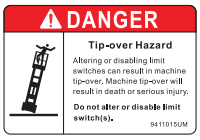
(22) 41641

(23) 41642



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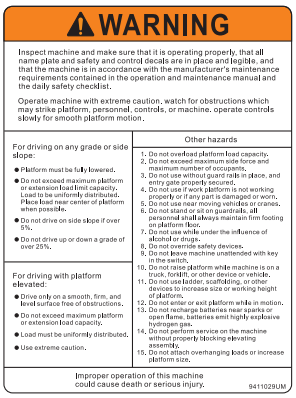
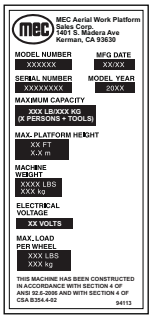
(25) 41643



(26) 41631

(27) 94113



(28) 90751

POWER TO PLATFORM

(29) 91850

(30) 90732

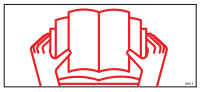
(31) 94121

ART_5174

Decals Identification: 4555SE

4555SE

1 8911



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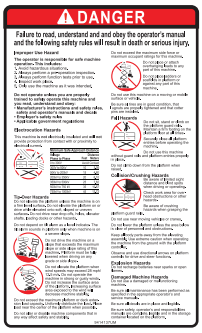

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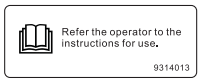
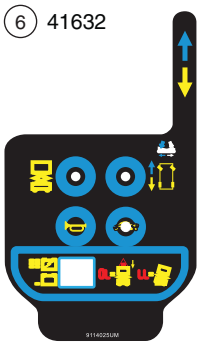


6 41632



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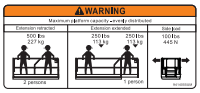

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11 94117

12 90719

13 94120

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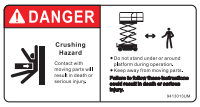

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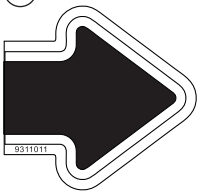

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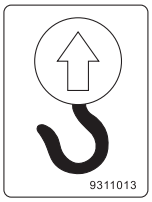

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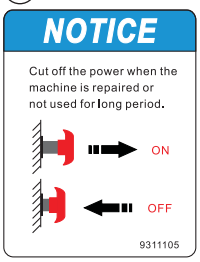

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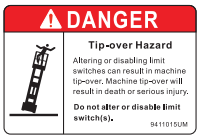

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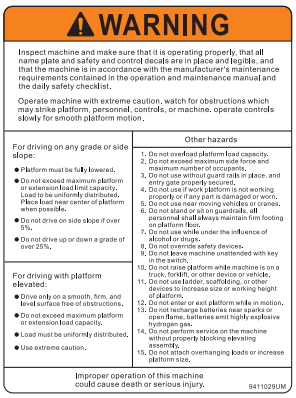

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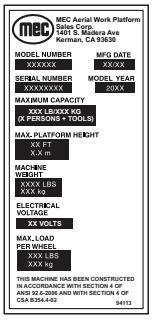

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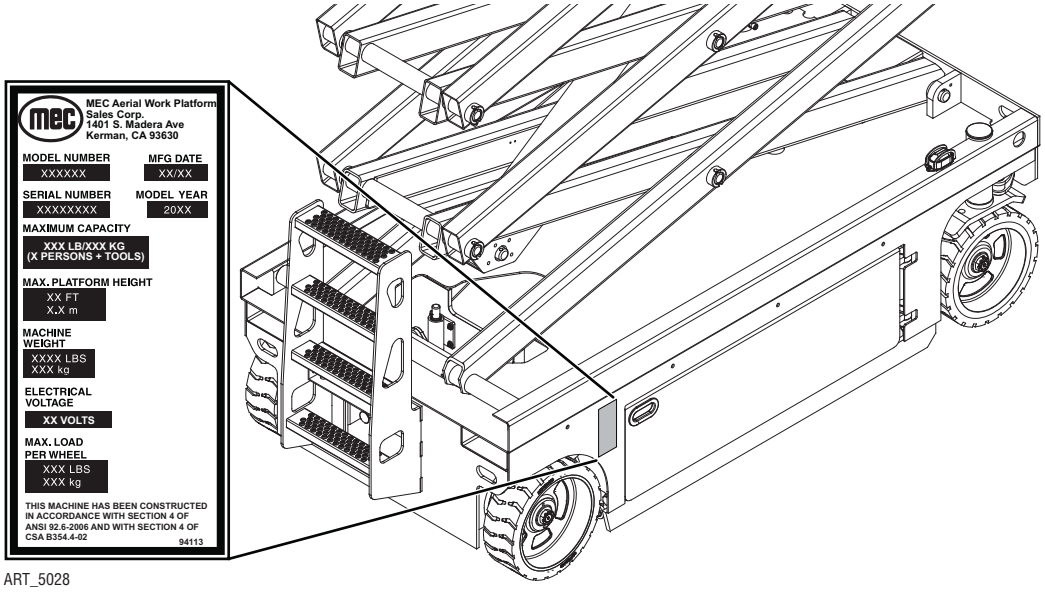
ART_5175

Serial Plate Location

The serial plate is attached to the machine at the time of manufacture. Important information about the machine is recorded on the serial plate.



ART_5028

Serial Plate Description

MODEL NUMBER. Identifies the machine.

MFG DATE. Month / Year of manufacture.

SERIAL NUMBER. Identifies a machine with reference to its original owner. Refer to the number when requesting information or ordering parts.

MODEL YEAR. Machine model year.

MAX. CAPACITY . The maximum safe load (material, persons + equipment) which can be correctly placed on the platform at any elevation.

MAX. PLATFORM HEIGHT. The maximum attainable height measured from level ground surface to platform floor.

MACHINE WEIGHT. The weight of the machine with no options.

ELECTRICAL VOLTAGE. The voltage at which this machine operates.

MAX. LOAD PER WHEEL. The maximum safe weight applied to each wheel. Calculated with all available options installed.
Fw = 30% (Wm + Wc + Wopt)

MAX HYDRAULIC SYSTEM PRESSURE. The maximum pressure at which this machine operates.

Troubleshooting

WARNING

Should you experience erratic operation or notice any malfunction while operating this machine, discontinue use immediately.
Call for assistance and report the incident to your supervisor, and do not use the machine until it has been checked by a trained, qualified mechanic.

Machine functions will not operate

- Master disconnect turned on?
- Batteries properly connected?
- Batteries fully charged?
- Key Switch in proper position?
- Both Emergency Stop Switches reset?
- Function Enable Switch not activated?
- Hydraulic fluid level low?
- Obvious fluid leak or damaged component?
- Wires disconnected, broken, or loose?
- Diagnostic panel on?
- Platform Control Box Fault Code present? Contact MEC Technical Support or refer to service manual. Manuals are available free online at www.MECawp.com.

Transport and Lifting Instructions

Safety Information

WARNING

This section is provided for reference and does not supersede any government or company policy regarding the loading, transport or lifting of MEC machinery.

Truck drivers are responsible for loading and securing machines, and should be properly trained and authorized to operate MEC machinery. Drivers are also responsible for selecting the correct and appropriate trailer according to government regulations and company policy. Drivers must ensure that the vehicle and chains are strong enough to hold the weight of the machine (see the serial number plate for machine weight).

While loading and unloading, the transport vehicle must be parked on a level surface and secured to prevent rolling.

Loading

Free-wheel configuration for Winching or Towing

DANGER

RUNAWAY HAZARD!
After releasing the brakes there is nothing to stop machine travel. Machine will roll freely on slopes. ALWAYS chock the wheels before manually releasing the brakes.

The machine can be winched or towed short distances at speeds not to exceed:

1930SE	.5 mph
2632SE, 3346SE, 4046SE, 4555SE	2.5 MPH (4 km/h)

Before towing or winching the machine, it is necessary to release the brakes. Reset the brakes after towing or winching.

Disengage Brakes before Towing or Winching

1930SE

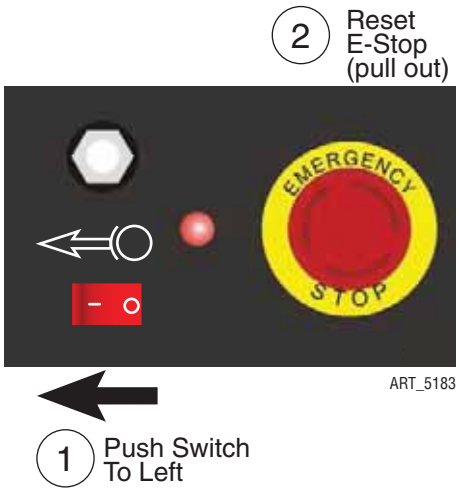
1 Chock the wheels.

2 At the Ground Controls panel, turn the Key Switch to the GROUND position.

3 At the Platform Controls, pull or turn the red Emergency Stop button clockwise to the on position.

4 At the Ground Controls panel, press the Emergency Stop button.

5 Push the Break Release Switch to the left. Pull or turn the red Emergency Stop button clockwise to the ON position at the ground controls. An alarm will sound, signalling that the brake has been released.



Resetting Brakes

Press the Emergency Stop button, then push the Brake Release Switch to the right to reset the brake.

2632SE, 3346SE, 4046SE, 4555SE

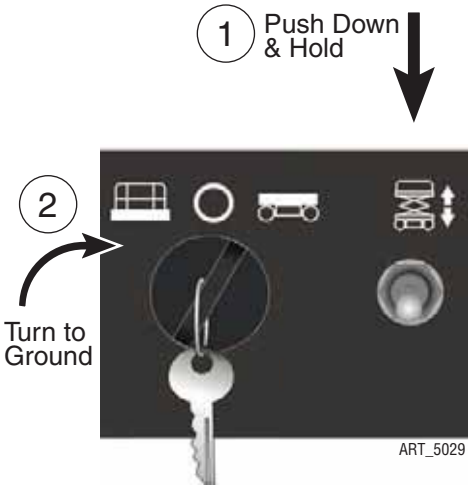
1 Chock the wheels.

2 Turn the Key Switch to the OFF position.

3 Pull or turn the red Emergency Stop button clockwise to the on position at both the ground and platform controls.

4 At the Ground Controls panel, press and hold the Lift/Lower Switch to the DOWN position, then turn on the Key Switch to the GROUND position.

5 Hold the Lift/Lower Switch in this position until a continuous alarm sounds, signalling that the brake has been released.



Resetting Brakes

Turn the Key Switch to the OFF position to reset the brake.

Driving or Winching onto or off of a Transport Vehicle

WARNING

Always attach the machine to a winch when loading or unloading from a truck or trailer by driving. Read and understand all safety, control, and operating information found on the machine and in this manual before operating the machine.

Before loading or unloading the machine, check that:

- The deck extension, controls and component trays are secure.
- The platform is fully lowered.
- All loose items have been removed.

Before driving or winching the machine:

- Attach the machine to a winch.
- Remove all machine tie downs. Remove wheel chocks.

Driving

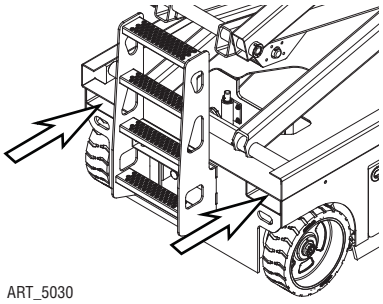
- Turn the Base Key Switch to PLATFORM. Check that the Emergency Stop Switch is reset by turning it clockwise.
- Enter the platform and reset the Platform Emergency Stop Switch.
- Test platform control functions.
- Select slow drive speed mode. Carefully drive the machine off the transport vehicle with the winch attached.

  Note: The brakes are automatically released for driving and will automatically apply when the machine stops.

Winching

- Disengage brakes (see *Free-wheel configuration for Winching or Towing* on page 42).
- Carefully operate the winch to lower the machine down the ramp.
- Chock the wheels and engage the brakes.

Lifting The Machine With A Forklift



ART_5030

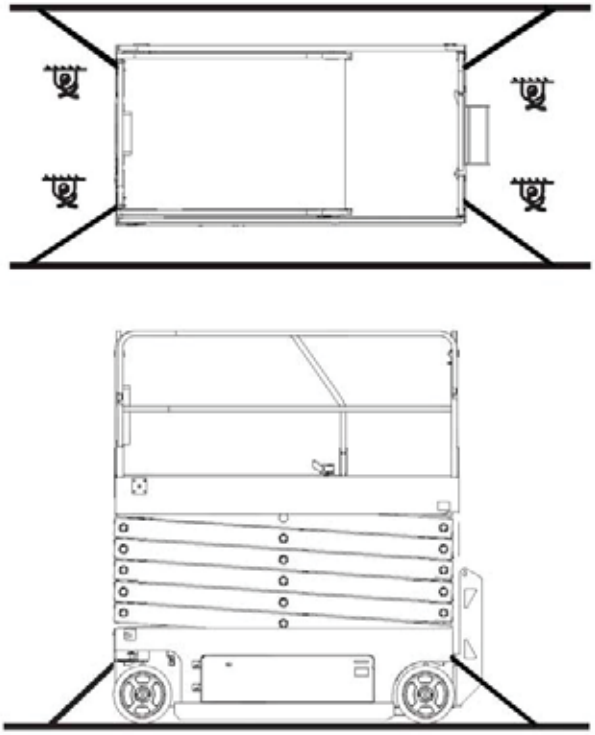
- Position the forklift forks in line with the forklift pockets.
- Drive forward to the full extent of the forks.
- Raise the machine 6 in / 15 cm and then tilt the forks back slightly to keep the machine secure.
- Be sure the machine is level when lowering the forks.

CAUTION

Lifting the machine from the side may result in component damage.

Securing to Truck or Trailer for Transport

- Turn the Key Switch to OFF and remove the key before transport.
- Inspect the entire machine for loose or unsecured items.
- Chock the wheels
- Use the tie-down points on the chassis for anchoring down to the transport surface.
- Use chains or straps of ample load capacity.
- Use a minimum of four (4) chains or straps.
- Adjust the rigging to prevent damage to the chains and the machine.



ART_5031

Lifting Instructions

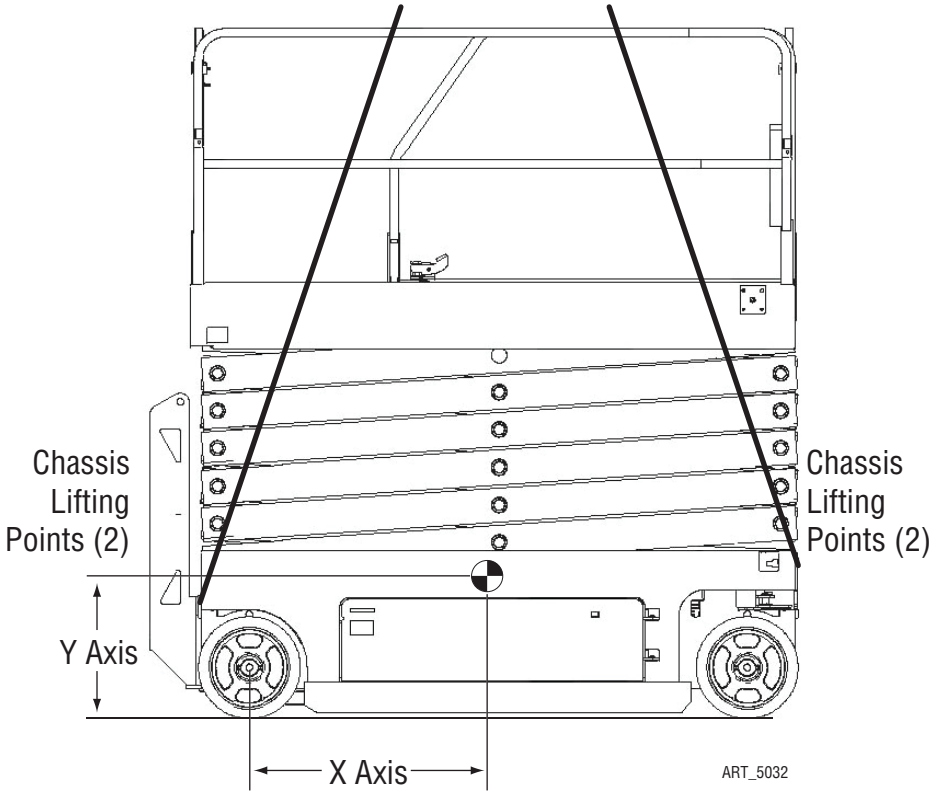
WARNING

Only qualified riggers should rig and lift the machine.

Ensure that the crane, loading surfaces, spreader bars, cables, chains and straps are of sufficient capacity to withstand the machine weight. See the serial plate for the machine weight.

- Fully lower the platform. Be sure the deck extension is retracted and the controls and component trays are closed and secure. Remove all loose items from the machine.
- Determine the center of gravity of the machine.
- Attach rigging to the designated lift points *only*.
- Adjust the rigging to prevent damage to the machine and to keep the machine level.

Model	X Axis	Y Axis
1930SE	25.5 in 4.8 cm	23.3 in 59.1 cm
2632SE	31.7 in 80.6 cm	22.7 in 57.6 cm
3346SE	32.7 in 83 cm	26.9 in 68.2 cm
4046SE	32.7 in 83 cm	28.4 in 72.1 cm
4555SE	38.6 in 98 cm	27.8 in 70.5 cm



NOTES:

NOTES:

Limited Owner Warranty

MEC Aerial Platform Sales Corp. warrants its equipment to the original purchaser against defects in material and/or workmanship under normal use and service for one (1) year from date of registered sale or date the unit left the factory if not registered. MEC Aerial Platform Sales Corp. further warrants the structural weldments of the main frame and scissor arms to be free from defects in material or workmanship for five (5) years from date of registered sale or date unit left the factory if not registered. Excluded from such warranty is the battery(s) which carries a ninety (90) day warranty from described purchase date. Warranty claims within such warranty period shall be limited to repair or replacement, MEC Aerial Platform Sales Corp's option, of the defective part in question and labor to perform the necessary repair or replacement based on MEC Aerial Platform Sales Corp's then current flat rate, provided the defective part in question is shipped prepaid to MEC Aerial Platform Sales Corp. and is found upon inspection by MEC Aerial Platform Sales Corp. to be defective in material and/or workmanship. MEC Aerial Platform Sales Corp. shall not be liable for any consequential, incidental or contingent damages whatsoever. Use of other than factory authorized parts; misuse, improper maintenance, or modification of the equipment voids this warranty. The foregoing warranty is exclusive and in lieu of all other warranties, express or implied. All such other warranties, including implied warranties of merchantability and of fitness for a particular purpose, are hereby excluded. No Dealer, Sales Representative, or other person purporting to act on behalf of MEC Aerial Platform Sales Corp. is authorized to alter the terms of this warranty, or in any manner assume on behalf of MEC Aerial Platform Sales Corp. any liability or obligation which exceeds MEC Aerial Platform Sales Corp's obligations under this warranty.

MEC Aerial Platform Sales Corp.

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SE Series Slab Scissors