

October 2014



Operator's Manual CE/Australian Specifications

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—Specifications—

Length (inside rails)			609	2RT
Outriggers Not Deployed	Working Height*	Outriggers Deployed	66 ft*	20 m*
Platform Height				_
Outriggers Not Deployed 30 ft 9 m	Platform Height			
Stowed Height Rails Up Rails Up Rails Folded Down 97 in 2.46 m			30 ft	9 m
Rails Folded Down 97 in 2.46 m	Stowed Height			3.25 m
Length (inside rails)		-	97 in	2.46 m
Length (inside rails)	Maximum Occupan	ts		<u>1</u> 1
Platform Width (inside rails) Guardrail Height Toeboard Height Toeboard Height Toe 1.14 m 1.14 m 1.14 m 1.18 cm 1.18 cm 1.19 m 1.18 cm 1.19 m 1.18 cm 1.19 m 1.18 cm 1.19 m 1.19 m 1.10 m 1.	Lift Capacity		1200 lbs	545 kg
Platform Width (inside rails) Guardrail Height Toeboard Height Toeboard Height Toe 1.14 m 1.14 m 1.14 m 1.18 cm 1.18 cm 1.19 m 1.18 cm 1.19 m 1.18 cm 1.19 m 1.18 cm 1.19 m 1.19 m 1.10 m 1.	- '			
Guardrail Height Toeboard To		Length (inside rails)	202 in	5.13 m
Toeboard Height		Platform Width (inside rails)	75 in	1.91 m
Overall Length 209 in 5.31 m Overall Width 92 in 2.34 m Wheel Base 114 in 2.9 m Wheel Track 80 in 2.03 m Turning Radius Inside 7 ft 0 in 2.13 m Ground Clearance 13 in 43 cm Machine Weight** (Approximate, unloaded) 21,780 lb** 9880 kg Drive System (Proportional) 025 mph 04 km/h Drive Speed - Platform Elevated 025 mph 04 km/h Drive Speeds (Approximate) 72 sec/102 sec Gradeability 40%/22° Ground Pressure/Wheel (Maximum) 80.4 psi 5.65 kg/cm² Wheel Load 6900 lb 3130 kg Wind Speed (Maximum) 28 mph 45 km/h (12.5 m/s) Noise Level (Maximum) 86 dB Tire Size - Standard 315/55 D20 foam-filled Wheel Lug Nut Torque 120 ft/lb 162.7 Nm Hydraulic Pressure Drive System 2800 psi 193 bar Steering System 2800 psi 193 bar Hydraulic		Guardrail Height	44.75 in	1.14 m
Overall Length 209 in 5.31 m Overall Width 92 in 2.34 m Wheel Base 114 in 2.9 m Wheel Track 80 in 2.03 m Turning Radius Inside 7 ft 0 in 2.13 m Ground Clearance 13 in 43 cm Machine Weight** (Approximate, unloaded) 21,780 lb** 9880 kg Drive System (Proportional) 025 mph 04 km/h Drive Speed - Platform Elevated 025 mph 04 km/h Drive Speeds (Approximate) 72 sec/102 sec Gradeability 40%/22° Ground Pressure/Wheel (Maximum) 80.4 psi 5.65 kg/cm² Wheel Load 6900 lb 3130 kg Wind Speed (Maximum) 28 mph 45 km/h (12.5 m/s) Noise Level (Maximum) 86 dB Tire Size - Standard 315/55 D20 foam-filled Wheel Lug Nut Torque 120 ft/lb 162.7 Nm Hydraulic Pressure Drive System 2800 psi 193 bar Steering System 2800 psi 193 bar Hydraulic		Toeboard Height	7 in	18 cm
Overall Width 92 in 2.34 m Wheel Base 114 in 2.9 m Wheel Track 80 in 2.03 m Turning Radius Inside 7 ft 0 in 2.13 m Ground Clearance 13 in 43 cm Machine Weight** (Approximate, unloaded) 21,780 lb** 9880 kg Drive System (Proportional) 025 mph 04 km/h Drive Speed - Platform Elevated 0-4.4 mph 0-7.0 km/h Lift/Lower Speeds (Approximate) 72 sec/102 sec Gradeability 40%/22° Ground Pressure/Wheel (Maximum) 80.4 psi 5.65 kg/cm² Wheel Load 6900 lb 3130 kg Wind Speed (Maximum) 28 mph 45 km/h (12.5 m/s) Noise Level (Maximum) 86 dB Tire Size - Standard 315/55 D20 foam-filled Wheel Lug Nut Torque 120 ft/lb 162.7 Nm Hydraulic Pressure Drive System 2800 psi 310 bar Lift System Steering System 2800 psi 193 bar Hydraulic Fluid Capacity 40 gallon 151	Overall Length	0	209 in	5.31 m
Wheel Track 80 in 2.03 m Turning Radius Inside 7 ft 0 in 2.13 m Ground Clearance 13 in 43 cm Machine Weight** (Approximate, unloaded) 21,780 lb** 9880 kg Drive System (Proportional) 025 mph 04 km/h Drive Speed - Platform Elevated 025 mph 04 km/h Drive Speeds (Approximate) 72 sec/102 sec Gradeability 40%/22° Ground Pressure/Wheel (Maximum) 80.4 psi 5.65 kg/cm² Wheel Load 6900 lb 3130 kg Wind Speed (Maximum) 28 mph 45 km/h (12.5 m/s) Noise Level (Maximum) 86 dB Tire Size - Standard 315/55 D20 foam-filled Wheel Lug Nut Torque 120 ft/lb 162.7 Nm Hydraulic Pressure Drive System 2800 psi 193 bar Lift System 2800 psi 193 bar Steering System 2800 psi 193 bar Hydraulic Fluid Capacity 40 gallon 151 liters Power Source Kubota V-2403T diesel	Overall Width		92 in	2.34 m
Turning Radius Outside Outside Outside Outside In ft 6 in 17 ft 6 in 13 in 43 cm Machine Weight** (Approximate, unloaded) Drive System (Proportional) Drive Speed - Platform Elevated Drive Speed - Platform Lowered O25 mph O4 km/h O-4.4 mph O-7.0 km/h Lift/Lower Speeds (Approximate) Gradeability Ground Pressure/Wheel (Maximum) Wheel Load Wind Speed (Maximum) Noise Level (Maximum) Wheel Lug Nut Torque Hydraulic Pressure Drive System Lift System Steering System Year of Capacity Full Capacity Power Source A Wheel Multi-Disc Sound Pressure At Workstation I ft 6 in 5.33 m 17 ft 6 in 5.33 m 17 ft 6 in 5.33 m 17 ft 6 in 5.33 m 18 in 43 cm 18 in 43 cm 18 in 43 cm 18 in 43 cm 19 and 44 cm 104 km/h 04 km	Wheel Base		114 in	2.9 m
Outside	Wheel Track		80 in	2.03 m
Ground Clearance	Turning Radius	Inside	7 ft 0 in	2.13 m
Machine Weight** (Approximate, unloaded) Drive System (Proportional) Drive Speed - Platform Elevated Drive Speed - Platform Lowered Drive Speed - Platform Lowered Drive Speed - Platform Lowered Drive Speeds (Approximate) Gradeability Ground Pressure/Wheel (Maximum) Wheel Load Wind Speed (Maximum) Noise Level (Maximum) Tire Size - Standard Wheel Lug Nut Torque Hydraulic Pressure Drive System Lift System Steering System Hydraulic Fluid Capacity Drive System Ambient Operating Range Full Capacity Power Source Ambient Operating Range Full Capacity Drive System Lift System Steering System Drive System Ambient Operating Range Drive System Drive System Steering System Drive System Steering System Drive System Steering System Drive System Steering System Drive Drive Drive Syst		Outside	17 ft 6 in	5.33 m
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Drive System (Proportional) Drive Speed - Platform Elevated Drive Speed - Platform Lowered Drive Speeds (Approximate) Cradeability Cround Pressure/Wheel (Maximum) Wheel Load Wind Speed (Maximum) Tire Size - Standard Wheel Lug Nut Torque Hydraulic Pressure Drive System Lift System Steering System Power Source Ambient Operating Range Tire Capacity Drive System Ambient Operating Range Drive System Power Source Ambient Operating Range Tire Size - Standard Drive System Power Source Ambient Operating Range Tire Capacity Power Source Awheel Multi-Disc Sound Pressure At Workstation Drive System And Steering System And St	Machine Weight** (Approximate, unloaded)	21,780 lb**	9880 kg
Drive Speed - Platform Lowered Lift/Lower Speeds (Approximate) Gradeability Ground Pressure/Wheel (Maximum) Wheel Load Wind Speed (Maximum) Noise Level (Maximum) Tire Size - Standard Wheel Lug Nut Torque Hydraulic Pressure Drive System Lift System Steering System Steering System Hydraulic Fluid Capacity Power Source Ambient Operating Range Fuel Capacity Drive Speed O-4.4 mph O-7.0 km/h 72 sec/102 sec 40%/22° 80.4 psi 5.65 kg/cm² 40 gall on 3130 kg Wind Speed (Maximum) 86 dB 315/55 D20 foam-filled 120 ft/lb 162.7 Nm 193 bar 2800 psi 193 bar 2800 psi 193 bar 40 gall on 151 liters Power Source Kubota V-2403T diesel -30° C minimum; 50° C maximum Fuel Capacity Possible of the properties of the prope	Drive System (Propo	ortional)		
Lift/Lower Speeds (Approximate) 72 sec/102 sec Gradeability 40%/22° Ground Pressure/Wheel (Maximum) 80.4 psi 5.65 kg/cm² Wheel Load 6900 lb 3130 kg Wind Speed (Maximum) 28 mph 45 km/h (12.5 m/s) Noise Level (Maximum) 86 dB Tire Size - Standard 315/55 D20 foam-filled Wheel Lug Nut Torque 120 ft/lb 162.7 Nm Hydraulic Pressure Drive System 2800 psi 310 bar Lift System 2800 psi 193 bar Steering System 2800 psi 193 bar Hydraulic Fluid Capacity 40 gallon 151 liters Power Source Kubota V-2403T diesel Ambient Operating Range -30° C minimum; 50° C maximum Fuel Capacity 25 gallon 95 liter Brakes 4 Wheel Multi-Disc Sound Pressure At Workstation 80 dB(A)	I	Orive Speed - Platform Elevated	025 mph	04 km/h
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Wheel Load Wind Speed (Maximum) Noise Level (Maximum) Tire Size - Standard Wheel Lug Nut Torque Hydraulic Pressure Drive System Lift System Steering System Power Source Ambient Operating Range Fuel Capacity Brakes Sound Pressure At Workstation 6900 lb 3130 kg 28 mph 45 km/h (12.5 m/s) 120 ft/lb 162.7 Nm 120 ft/lb 162.7 Nm 4500 psi 310 bar 2800 psi 193 bar 2800 psi 193 bar 40 gallon 151 liters 70° C minimum; 50° C maximum 25 gallon 95 liter 4 Wheel Multi-Disc 80 dB(A)	Gradeability		40%/22°	
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Hydraulic Fluid Capacity40 gallon151 litersPower SourceKubota V-2403T dieselAmbient Operating Range-30° C minimum; 50° C maximumFuel Capacity25 gallon95 literBrakes4 Wheel Multi-DiscSound Pressure At Workstation80 dB(A)		•		
Power Source Kubota V-2403T diesel Ambient Operating Range -30° C minimum; 50° C maximum Fuel Capacity 25 gallon 95 liter Brakes 4 Wheel Multi-Disc Sound Pressure At Workstation 80 dB(A)			2800 psi	
Ambient Operating Range Fuel Capacity Brakes Sound Pressure At Workstation -30° C minimum; 50° C maximum 25 gallon 95 liter 4 Wheel Multi-Disc 80 dB(A)		pacity		
Fuel Capacity 25 gallon 95 liter Brakes 4 Wheel Multi-Disc Sound Pressure At Workstation 80 dB(A)				
Brakes 4 Wheel Multi-Disc Sound Pressure At Workstation 80 dB(A)	1	Range		
Sound Pressure At Workstation 80 dB(A)			•	
· ,				
Sound Power Level 86 dB @ 1m	, ,			
<u> </u>	Sound Power Level		86 dB	@ 1m

Total vibration value to which the hand/arm system is subjected does not exceed 2.5 m/sec². Highest root mean square value of weighted acceleration to which the whole body is subjected does not exceed 0.5 m/sec².

Meets requirements of EN280:2013 and Australian Standard AS/NZS1418.10:2011.

*Working Height adds 2m to platform height. **Weight may increase with certain options or country standards.

6092RT Introduction

Introduction

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



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 should 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 user and all operating personnel.

Use of this machine in Europe must comply with CE standard EN280:2013 and applicable government regulations. Use in Australia and New Zealand must comply with Australian Standard AS/NZS1418.10:2011.

Use only MEC-approved replacements parts in the repair and maintenance of this machine.

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



MEC Aerial Platform Sales Corp.

1401 South Madera Avenue Kerman, CA 93630 USA

Phone: 1-877-632-5438

559-842-1500

Fax: 559-842-1520

www.mecAWP.com

Safety

DO NOT operate this machine until you have read and understood the Safety section of this manual, have performed the Jobsite 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 will unnecessarily expose you and others to dangerous situations. For your safety and the safety of those around you, you must operate your machine as instructed in this manual.

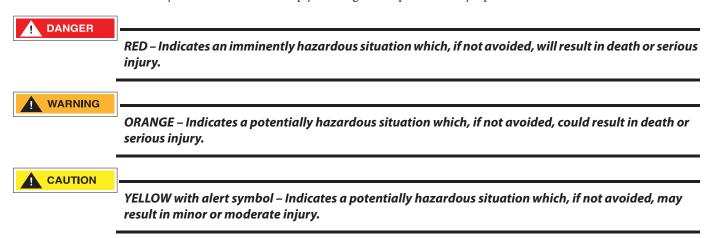
MEC designs aerial work platforms to be safe and reliable. They are intended to position personnel, along with their necessary tools and materials, to overhead work locations. The owner/user/operator of the machine should not accept responsibility for the operation of the machine unless properly trained.

Never perform service on the machine with the platform elevated without first blocking the scissor assembly using the maintenance lock (see *Maintenance Lock* on page 32).

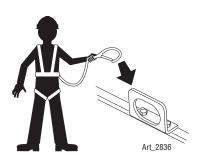
Safety Alert Symbols

CAUTION

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



Fall Protection

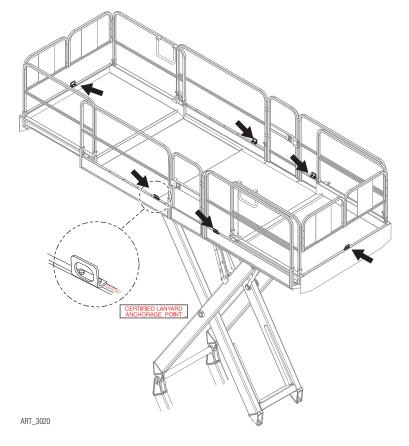


Operators must comply with employer, job site and governmental rules regarding the use of personal protective equipment.

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



ELECTROCUTION HAZARD!!! THIS MACHINE IS NOT INSULATED!

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

Observe Minimum Safe Approach Distance.





DO NOT work in close proximity to, or in contact with, energized power lines and electrical equipment. This machine is not insulated and WILL NOT protect the operator from injury or the machine from damage.

Refer to following diagram and all applicable governmental regulations for the minimum safe distances from energized power lines and electrical equipment.

DO NOT touch the machine if it contacts energized power lines.

Personnel in the platform:

- · Move away from the platform rails,
- DO NOT attempt to operate the machine, and
- DO NOT touch any part of the machine until energized power lines are shut
 off.

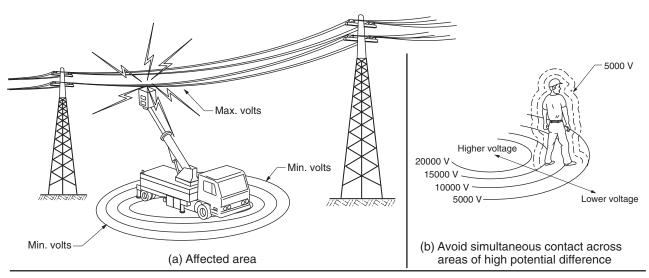
Personnel on the ground:

- · DO NOT approach the machine and
- DO NOT touch or attempt to operate the machine until energized power lines are turned off.

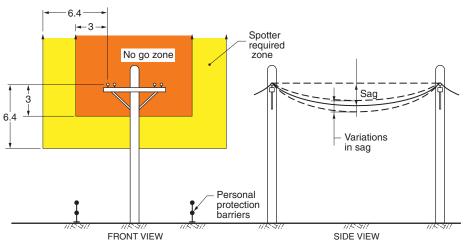
Do not operate the machine during electrical storms or lightning.

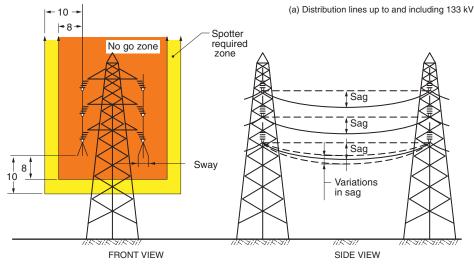
DO NOT use the machine as a ground for welding unless properly equipped with a weld line to platform option.

Minimum Save Approach Distance



CLEARANCES FROM LIVE AERIAL CONDUCTORS





(b) Transmission lines greater than 133 kV

LEGEND

= No shading, in the front views, indicates no proximity requirements

= Light shading indicates spotter is required

= Heavy shading indicates the NO GO ZONE

ART_3265

Tip-over Hazards











DO NOT exceed the maximum platform capacity (see Specifications). 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.

If the alarm sounds when the platform is raised, use extreme caution to lower the platform.

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.

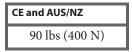
Slope rating is subject to ground and traction conditions.

Driving in stowed position: use extreme care and slow speeds 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 or other hazardous conditions.

DO NOT push off or pull toward any object outside the platform.

Maximum Allowable Side Force



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

DO NOT attach overhanging loads or use the machine as a crane.

DO NOT transport tools and materials unless they are evenly distributed and can be safely handled by personnel in the platform. Secure all tools and loose materials to prevent injury to personnel below the platform.

DO NOT alter or disable machine components that may affect safety and stability.

DO NOT replace items critical to machine stability with items of different weight or specification.

DO NOT modify or alter the work platform without written permission from MEC, as modifications can increase weight and/or surface area resulting in instability.

DO NOT place ladders or scaffolds in the platform or against any part of the machine.

DO NOT use the machine on a moving or mobile surface or vehicle.

Ensure that all tires are in good condition, air filled tires are properly inflated and lug nuts are properly torqued.

Fall Hazards







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 entry is properly closed before operating the machine.

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

Collision Hazards



Be aware of blind spots while operating this machine.

Watch for overhead obstructions when elevating the platform.

Watch for crushing hazards when holding the platform rail.

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

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 PROHIBITTED.





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.

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

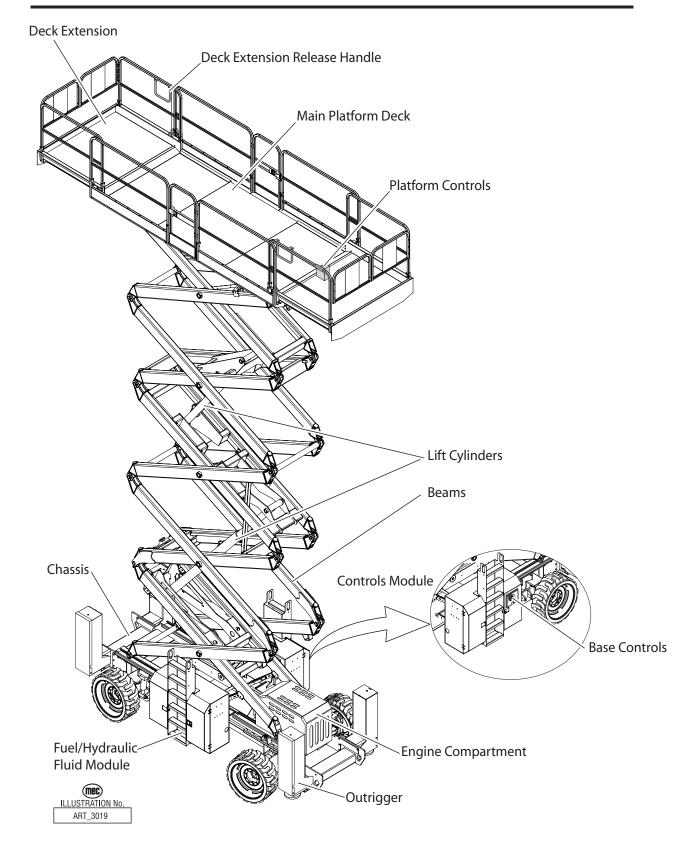
Keep sparks, flame and lighted tobacco away from batteries. Batteries emit explosive gas.

Electrocution Hazard

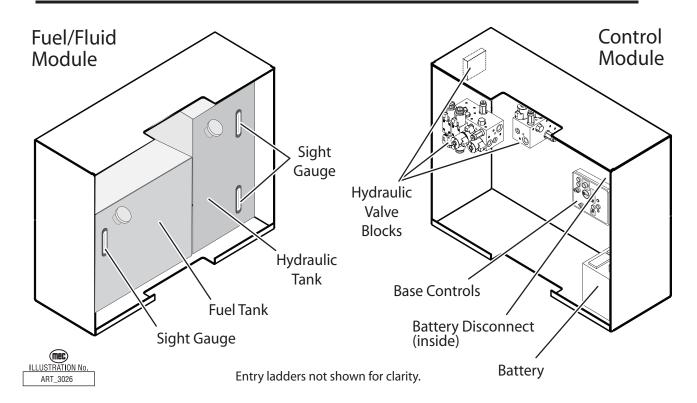
Avoid contact with electrical terminals.

Component Locations

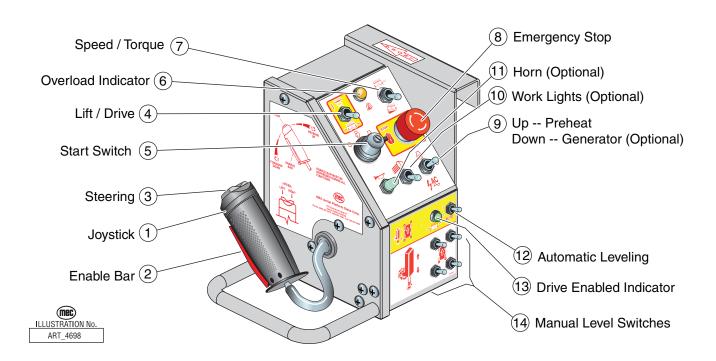
Full Machine



Modules

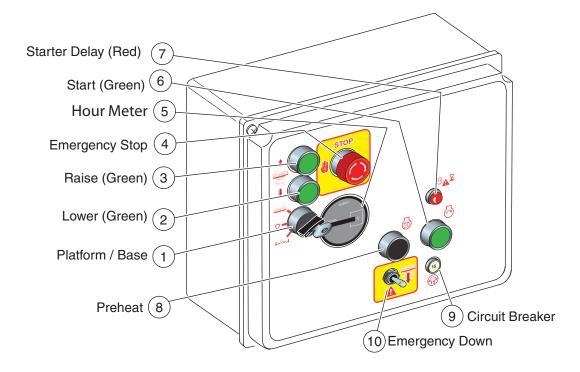


Upper Controls



	CONTROL	DESCRIPTION			
1	Joystick	DRIVE	Controls Forward and Reverse travel at stepped speeds.		
		LIFT	Move toward operator to elevate platform. Lift speed increases proportional to the Joystick movement Move away from operator to lower platform. Speed is fixed.		
2	Enable Bar	Squeeze to enable I	DRIVE, STEER, and LIFT from Joystick.		
3	Steering Switch	Using thumb, press	and hold the rocker switch to steer Left or Right.		
4	Mode Selector	Select LIFT or DRI	VE function for Joystick.		
5	Start / Run Switch	Turn power ON or	OFF at the platform. Does not affect lower controls.		
6	Overload Indicator	An audible alarm w	Platform overloaded when light is ON. An audible alarm will sound and all machine functions will stop. Remove weight from the platform to restore function and continue.		
7	Speed / Torque Switch	HIGH TORQUE	Slow speed. Provides maximum torque for rough terrain.		
		HIGH SPEED	Provides high speed when platform height is below 10 feet (3 m).		
8	Emergency Stop Switch		PUSH to stop all machine functions. FURN CLOCKWISE to reset.		
9	Up Preheat	Operate when starting in cold conditions.			
	Down Generator Switch (option)		Push the switch DOWN to engage optional AC generator. Drive and Lift functions are disabled while the generator is on.		
10	Work Lights (option)	Move switch Up to turn on work lights.			
11	Horn	Press to sound warning horn.			
12	Automatic Level Switch	Move switch Up and hold until automatic leveling is complete.			
13	Drive Enable Indicator	Drive function is er	Drive function is enabled when the light is ON.		
14	Manual Level Switches	Push these switches UP or DOWN to adjust individual outriggers.			

Lower Controls



	CONTROL	DESCRIPTION			
1	Selector 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	LOWER Button	Press and hold to	Press and hold to lower the platform. Release to stop lowering.		
3	RAISE Button	Press and hold to	ress and hold to elevate the platform. Release to stop elevation.		
4	Emergency Stop Switch		Press to stop all machine functions. Furn <i>clockwise</i> to reset.		
5	Hour Meter	Indicates total el	ndicates total elapsed time of machine operation.		
6	Engine Start Button	After setting the	After setting the Selector Switch (#1) to BASE, press this button to start the engine.		
7	Start Delay Indicator Light	After 20 seconds of continuous cranking, the engine starter circuit cuts off momentarily to prevent damage to the starter. This light illuminates when the starter circuit is cut off. Resets after 25 seconds			
8	Preheat (Diesel)	Press this button while starting a cold engine			
9	Circuit Breaker	Trips when there	e is excessive electrical load. Push to reset.		
10	Emergency Down Switch	Activate this switch to run the Emergency Down auxiliary hydraulic pump.			

6092RT Jobsite Inspection

Jobsite Inspection

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

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

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

Workplace Inspection

Check the jobsite where the machine will be used 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
- · 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

Function Tests

DO NOT operate this machine until you have read and understood the Safety section of this manual, have performed the Pre-Start Inspection, Routine Maintenance, and Functions Test, have inspected the jobsite for hazards, and have learned the operating procedures for this machine.

The operator must conduct 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 *Operating Instructions* on page 14.

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.

Operating Instructions

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

This section provides instructions for each function of machine operation. Follow all safety rules and instructions.

This machine may be operated by trained and authorized personnel only. If multiple operators use this machine, all must be 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 employer, job site and governmental rules regarding the use of personal protective equipment – see *Fall Protection* on page 3.

Prestart

• Perform Prestart Inspection (see page 27).



• Check base control Emergency Stop Switch – turn clockwise to reset.



• Check platform control Emergency Stop Switch – turn clockwise to reset.



• Check Battery Disconnect Switch in Control Module next to Base Controls. Must be in ON position.

Starting Engine from Lower Control Panel

Be sure that the upper and lower EMERGENCY STOP Switches are reset.

• Upper Control Box: Turn Engine Start Switch to RUN.





• Lower Control Box: Turn key switch to BASE.

Diesel Engine

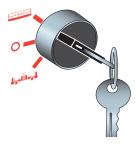


- Press and hold the START button release the button when the engine starts.
- Cold Start: press and hold the GLOW button as indicated in the Preheat table.
- With the GLOW Button held press and hold the START Button until the engine starts.
- Release both buttons once the engine starts.

Preheat Table

Ambient Temperature	Preheat Time	
Above 50°F (10°C)	5 Seconds	
50°F to 23°F (10°C to -5°C)	10 Seconds	
Below 50°F (-5°C)	20 Seconds	
20 Seconds = Limit of Continuous Use		

Starting Engine from Upper Control Box



• Lower Control Box: Turn the Key Switch to PLATFORM.

Diesel Engine



• **Upper Control Box:** Turn the Engine Start Switch to START - release when the engine starts.



- Cold Start: lift and hold the GLOW Switch as indicated in the Preheat table.
- With the GLOW Switch held, turn the START Switch until the engine starts.
- Release both switches once the engine starts.

Preheat Table

Ambient Temperature	Preheat Time	
Above 50°F (10°C)	5 Seconds	
50°F to 23°F (10°C to -5°C)	10 Seconds	
Below 50°F (-5°C)	20 Seconds	
20 Seconds = Limit of Continuous Use		

Base Controls Operation and Test

IMPORTANT—Be sure the area above the machine is clear of obstructions to allow full elevation of platform.



Select BASE Operation

• Turn the Selector Key Switch to BASE.



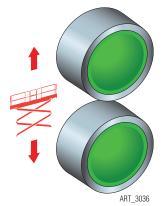
Emergency Stop

- Press the Emergency Stop Switch at any time to stop all machine functions.
- Turn switch *clockwise* to reset.



Do not elevate the platform if the machine is not on a firm level surface.

Elevate Platform



• Press and hold the RAISE button on the base control panel to elevate the platform.

Test Operation

• Elevate to maximum height.

Note: Platform will not elevate beyond 30 ft. (9.15 m) without the outriggers deployed

- Releasing the button will stop elevation.
- Pressing the Emergency Stop Switch will stop elevation.

Lower Platform

• Press the LOWER button on the base control panel until the desired platform height is reached.

Test Operation

- Lower the platform to the stowed position.
- Releasing the button will stop descent.
- Pressing the Emergency Stop Switch will stop descent.

Platform Control Operation and Test

IMPORTANT—Check that the route of travel to be taken is clear of persons, obstructions, debris, holes, and drop offs, and is capable of supporting the machine.



Select PLATFORM Operation

• Lower Control Box: Turn the selector switch to PLATFORM.



Operate from Platform

- Enter the platform and close and secure the entry.
- Turn the Engine Start Switch to start the engine.



• If equipped, press the Horn Button to verify proper operation.



Overload Light and Alarm

- Light ON indicates too much weight on the platform.
- An audible alarm will sound from the Upper Control box and the Lower Control box.
 Remove weight from the platform to restore function and continue.



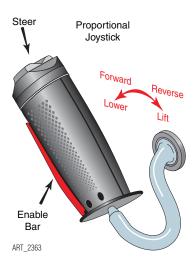
Emergency Stop

- Press the EMERGENCY STOP switch at any time to stop all machine functions.
- Turn switch *clockwise* to reset.



Activation of the EMERGENCY STOP switch will apply brakes immediately. This may cause unexpected platform movement as the machine comes to a sudden stop. Brace yourself and secure objects on the platform during operation of machine.

Joystick Operation



- Function speed is proportional and is controlled by the movement of the Joystick.
- The further it is moved forward, the faster the speed will be.
- The Joystick returns to the neutral (center) position when released.

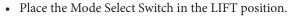


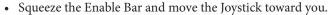
Do not elevate platform unless guardrails are installed and secure – see Fold Down Platform Railings on page 24.

If the deck is extended, check for clearance beneath the deck before lowering.

If the platform fails to lower DO NOT attempt to climb down the scissor assembly. Serious injury may result – see Emergency Systems on page 22.

Elevate Platform





Test Operation

- Rate of lift is proportional and is dependent on the movement of the Joystick.
- Elevate to maximum height.

Note: Platform will not elevate beyond 30 ft. (9.15 m) without the outriggers deployed

- Releasing the Enable Bar or the Joystick will stop elevation.
- Pressing the Emergency Stop Switch will stop elevation.

Lower Platform

- Place the Mode Select Switch in the LIFT position.
- Squeeze the Enable Bar and move the Joystick away from you.

Test Operation

- Rate of descent is fixed platform lowers at same rate regardless of handle position.
- Pressing the Emergency Stop Switch will stop descent.
- When lowering, the automatic arm guard cutout function will stop the platform at approximately 2.5 meter platform height and will sound a fast intermittent beeping alarm. Release the control lever.
 - A three second delay is provided for the operator to verify that there are no hazardous conditions or personnel near the machine. Lowering may resume after these 3 seconds have elapsed when the control lever is engaged and held in the lowering position.



Check that the route is clear of persons, obstructions, debris, holes and drop -offs, and is capable if supporting the machine.

IMPORTANT—Always check front steer wheel direction before driving.





Steering

- · Always check front steer wheel direction before driving.
- With the Mode Select Switch in the DRIVE position, squeeze the Enable Bar and press the Steering Switch with your thumb to steer left or right.

Test Operation

- Releasing the Steering Switch will stop steering function.
- The steer wheels will not center themselves after a turn. The steer wheels must be returned to the straight-ahead position with the Steering Switch.

Drive Speed



Drive speed is selectable until the platform is elevated above 10 Feet (3 m). When the platform is elevated the machine defaults to HIGH TORQUE and the switch is locked-out (non functioning).

- HIGH SPEED: allows speeds up to 4.4 m.p.h. (7.0 km/h).
- HIGH TORQUE: use to drive up or down a slope that is too steep for normal speed.

Drive Forward

- Place the Mode Select Switch in the DRIVE position.
- Squeeze the Enable Bar and move the Joystick away from you.

Test Operation

- Drive speed is proportional and is dependent on the movement of the Joystick.
- Releasing the Enable Bar or returning the Joystick to the center position will stop drive.
- Pressing the Emergency Stop Switch will stop drive.

Drive Reverse

- Place the Mode Select Switch in the DRIVE position.
- Squeeze the Enable Bar and move the Joystick toward you.

Test Operation

- Drive speed is proportional and is dependent on the movement of the Joystick.
- Releasing the Enable Bar or returning the Joystick to the center position will stop drive.
- Pressing the Emergency Stop Switch will stop drive.

Brake

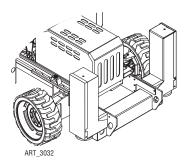
• For parking, the brake is automatically applied when the Joystick is positioned in the neutral (center) position.







Outrigger Operation



Automatic

Drive Enable Indicator

Manual Level Switches

Leveling

Only lower the outriggers when the machine is on a firm surface. The surface must be capable of supporting the maximum ground pressure per wheel/outrigger (see specifications).

The outrigger control switches is located on the front face of the Upper Control Box.

Extend

Push down and hold the Automatic Leveling Switch to the EXTEND position.

- The outriggers will extend and level the machine. When the machine is level and ready to operate, the outriggers will stop automatically.
- The Drive Enable Indicator will turn OFF, indicating that outriggers are down and machine drive function is disabled.

Retract

Push up and hold the Outrigger Control Switch to the RETRACT position.

- The outriggers will retract.
- The Drive Enable Indicator will turn ON, indicating that the outriggers are up and machine drive function is enabled.

Manual Operation Of Outriggers

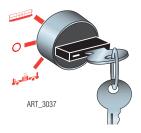
Manual operation of individual outriggers is possible using the Manual Level Switches.

Shutdown Procedure

ART_3031 R1

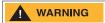


- Park the machine on a level surface.
- Turn the Selector Key Switch to the OFF position and remove the key to prevent unauthorized use.
- Carefully exit the platform using a constant three (3) point dismount/grip.



6092RT Emergency Systems

Emergency Systems



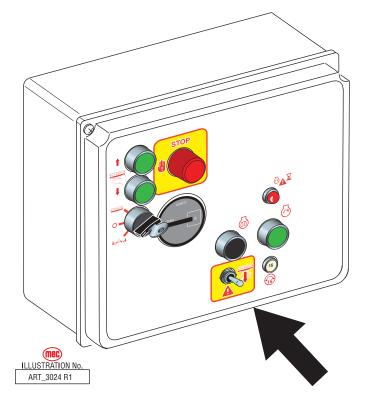
If the control system fails while the platform is elevated, have an experienced operator use the emergency lowering procedure to safely lower the platform.

Do not attempt to climb down beam (scissors) assembly.

Emergency Lowering

The Emergency Lowering System is used to lower the platform in case of power or valve failure. To lower the platform, activate the Emergency Lowering Switch to run the Emergency Down auxiliary hydraulic pump.

The Emergency Lowering Switch is located on the base controls.



6092RT DeckExtension

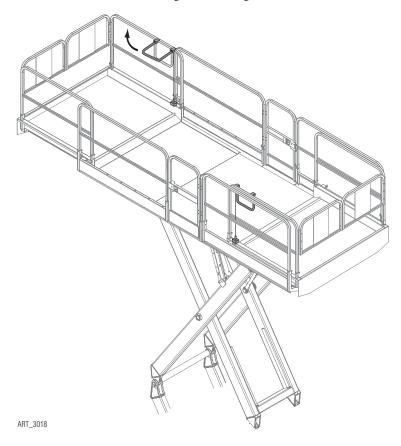
Deck Extension

The deck will extend in intervals of 12 inches (30 cm) throughout the entire length of the deck extension. The extension handle hang from the top rail at the right side of each deck extension. The handle is used to push or pull the deck extension to the desired position.

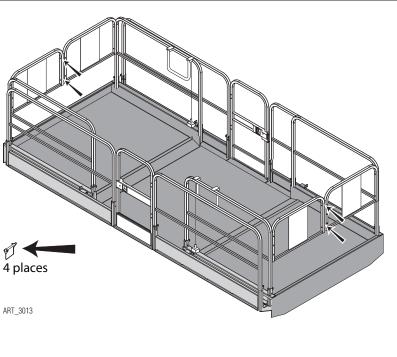
To extend or retract the deck:

- Lift the handle to raise the spring loaded pin from the locked position.
- Push to extend or pull to retract the deck extension.
- Lower the handle enough for the spring-loaded pin to engage and continue to push or pull the deck extension until the pin locks into position.

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



Fold Down Platform Railings

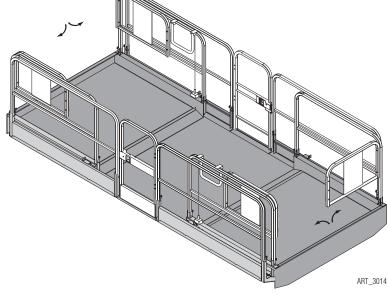


Remove the safety snap pins that secure the front and rear deck extension rail panels together. Lift the bracket connecting the tops of the deck extension rail panels.

2 Swing the deck extension rail panels inward next to the deck extension side rails and secure with a safety snap pin.

8 places

ART_3015

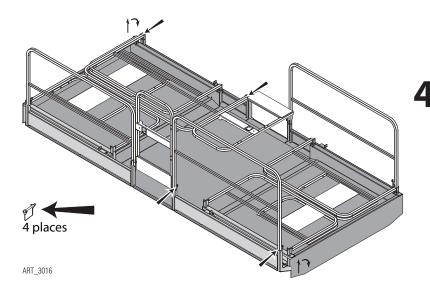


Remove the safety snap pins from the deck extension side rail bases.

Lift the deck extension side rails, pivot, and place on the platform floor.

continued...

Fold Down Rails (continued)



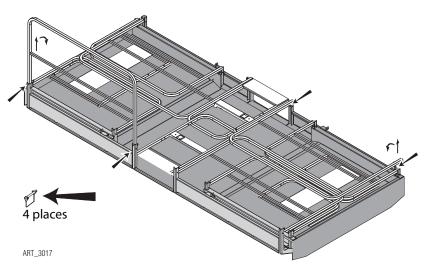
Remove the safety snap pins from main deck rail panels that attach to the entry gates.

Lift the rails, pivot and place on top of the deck extension rails.

5 rer

Remove the safety snap pins from remain deck rail panels.

Lift the rails, pivot and place on top of the deck extension rails.



To return the machine to normal operation mode, lift all rails into their upright position, install all safety snap pins, and position the platform control box on the extension rail.

Machine Inspections and Maintenance

DO NOT operate this machine until you have read and understood the Safety section of this manual, have performed the Jobsite 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 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.

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.

IMPORTANT—Properly dispose of all waste fluids, materials and used parts in accordance with national regulations.



Always use the maintenance lock to block the scissor assembly in place before servicing the machine with the platform elevated.

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.



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.



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.

Pre-Start Inspection Checklist

The operator must conduct a thorough Pre-Start Inspection of the machine before each work shift.

General Inspection Checklist

Initial	Description
	Check that the operator's, safety, and responsibilities manuals are in the storage container located on the platform.
	Perform a visual inspection of all machine components. Look for missing parts, torn or loose hoses, hydraulic fluid leaks, torn or disconnected wires, damaged tires etc.
	Check all structural components of the machine for cracked welds, corrosion and collision damage.
	Check the security and condition of the lanyard attachment points.
	Check all hoses and the cables for worn or chafed areas.
	Check the platform rails and sliding mid-rail entry for damage or modification.
	Check that all warning and instructional decals are legible and secure.
	Check the tires for damage.
	Check the lower limit switch for visual damage or loose or missing hardware.
	All structural components, pins and fasteners are present and properly tightened.
Flu	id Level Checklist
	Check for fluid leaks.
	Hydraulic fluid level (check with platform fully lowered).
Sec	cure for operation
	Secure all covers and panels.

Monthly Inspection Checklist



This checklist must be used at monthly intervals or every 100 hours of machine use, whichever occurs first. Failure to do so could result in death or serious injury.

The frequency and extent of periodical examinations may depend on national regulations.

Scheduled 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.

Model N	Number Serial Number	Hour Meter Reading
Initial	Description	
	Perform all checks listed on Prestart Inspection.	
	_ Inspect the condition of hydraulic fluid in the reservoir. Oi	l should have a clear amber color.
	Check battery electrolyte level and connections.	
	Check wheel lug nuts for proper torque (see "Machine Spo	ecifications").
	Check if tires are leaning in or out.	
	_ Inspect all beams and pivot points for signs of wear and/o	r damage.
	Check the pin joints and retaining rings for security.	
	_ Inspect the entire machine for signs of damage, broken w	elds, loose bolts, improper or makeshift repairs.
	Check that the platform does not drift down with a full loa	ad.
	Lubricate the axle float cylinder pivot mounts (see Lubrica	ition Chart).
	Check all wire connections.	
	Check that all adjustable flow valves are locked, check set	ting if any are not locked.
	Check outriggers for proper operation (if equipped).	

DATE_____INSPECTED BY _____

Quarterly Inspection Checklist



This checklist must be used at quarterly intervals or every 300 hours of machine use, whichever occurs first. Failure to do so could result in death or serious injury.

Scheduled 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.

Model N	Number Serial Number Hour Meter Reading	<u></u>
Initial	Description	
	Perform all checks listed on Prestart/Monthly Inspection.	
	Check the operation speeds to ensure they are within specified limits (see <i>Specifications</i>).	
	_ Check the emergency lowering system.	
	Clean and lubricate all push button switches with dry lubricant and ensure that the switches of positions.	perate freely in all
	_ Check the tightness of the platform frame and the linkage pins.	
	_ Check the overall platform and guardrail component stability.	
	_ Check the electrical mounting and hardware connections for security.	
	_ Check the king pins for excessive play.	
Add	ditional maintenance requirements for severe conditions	
	Replace hydraulic filter element (under normal conditions replace every six [6] months).	

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Annual Inspection Report

MEC Aerial Platform Sales Corp. 1401 S. Madera Avenue • Kerman, CA 93630 USA 800-387-4575 • 559-891-2488 • Fax: 559-891-2493

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

Customer	
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.
- Please fax a copy to MEC at (559) 891-2488 or email to EMAIL ADDRESS

Key:	"Y"	Yes/Acceptable			
	"N"	No/Unacceptable			

"R" Repaired

"U" Unnecessary/Not Applicable

	Y	N	R	U	Y	N	R	U		Υ	Ν	R	L
Decals:				Base:					Operation:				Τ
Proper Placement/Quantity				Cover Panels Secure					Wires Tight				Ť
Legibility				Base Fasteners Tight					Switches Secure				Ť
Correct Capacity Noted				Bolts Tight					All Functions Operational				†
Rails:				Rear Axle Mounting (4WD)					Emergency Down:				Ť
All Rail Fasteners Secure									Operational				Ť
Entry Gate/Chain Closes Properly				Front Axle/Front Wheel Assemblies:					Slow Speed Limit Switch:				Ť
Manual/Safety Data In Box				Wheel Motors-Mounting Secure					Set Properly				1
Rear Rail Pad In Place				Wheel Motors-Leaks									1
Extending Platform:				Lug Nuts Torqued Properly									1
Slides Freely				Steering Cylinder Pins Secure									1
Latches In Stowed Position				Pivot Points Lubed									1
Latches In Extended Position				Rear Axle/Rear Wheel Assemblies:					Pressures & Hydraulics:				†
Rail Latches Work Properly				Brakes Operational					Oil Filter Secure/Chg				1
Cable Secure				Wheel Motors-Mounting Secure					Oil Level Correct/Chg				1
Platform:				Wheel Motors-Leaks					Steering Pressure Set				1
Platform Bolts Tight				Lug Nuts Torqued Properly					Drive Pressurre Set				Ť
Platform Structure				Axle Pivot Libed (4WD)					Lift Pressure Set				1
Platform Overload System:				Axle Lock Operational					Engine:				1
Functional				Component Area:					Engine Mounts Tight				T
Calibrated				Valve Manifold(s) Secure					Fuel Lines Secure				1
Wire Harnesses:				Hoses Tight/No Leaks					Fuel Lines Free Of Leaks				1
Mounted Correctly				Batteries:					Fuer Tanks Secure				1
Physical Appearance				Secure					Fuel Shut Off Valves Func.				1
110/220V Outlet Safe/Working				Fully Charged					All Shields/Guards In Place				1
Elevating Assembly:				Emergency Stop:					Oil Level				T
Beam Structures				Breaks All Circuits					Oil Filter				T
Welds									Air Filter				T
Retaining Rings									Options Operational:				1
Upper Cylinder Pins Secure									Hour Meter				Ī
Lower Cylinder Pins Secure									Battery Indicator				Ī
Lower Beam Mounts tight									Warning Light				1
Rollers Turn Freely									Warning Horn				1
Maintenance Locks:									Generator				1
Secure									Converter				1
Operational													T

Comments:		
	Signature/Mechanic:	Date:
ART_4702	Signature/Owner-User:	Date:

6092RT Maintenance

Maintenance

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

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.



Always use the maintenance lock to block the scissor assembly in place before servicing the machine with the platform elevated.

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.



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.



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.

6092RT Maintenance

Routine Maintenance

IMPORTANT— The operator may perform routine maintenance only. Scheduled maintenance must be performed by qualified service technicians.

Pre-Start Inspection Perform routine maintenance as identified in the *Pre-Start Inspection Checklist* on page 27.

Scheduled Maintenance

Maintenance performed monthly, quarterly, annually and bi-annually must be performed by a 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.

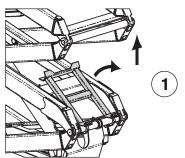
Machines that have been out of service for more than three months must receive the quarterly inspection before returning to service.

Maintenance Lock

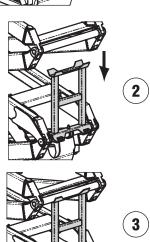


Never perform service on the machine with the platform elevated without first blocking the scissor assembly using the maintenance lock.

Set Maintenance Lock



- 1 Elevate platform approximately 16 feet (5 m) and rotate maintenance lock to Blocked position
- 2 Lower platform until scissor assembly comes to rest on the maintenance lock.
- 3 Scissor assembly is blocked.

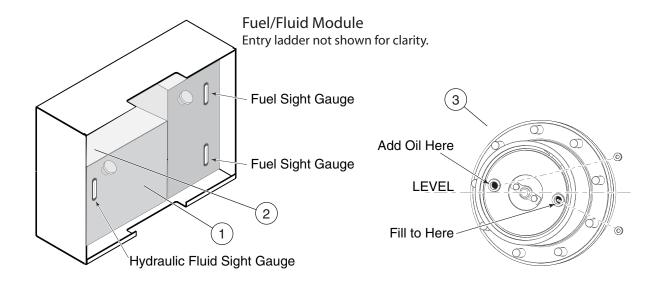


ART 3034

6092RT Maintenance

Lubrication

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

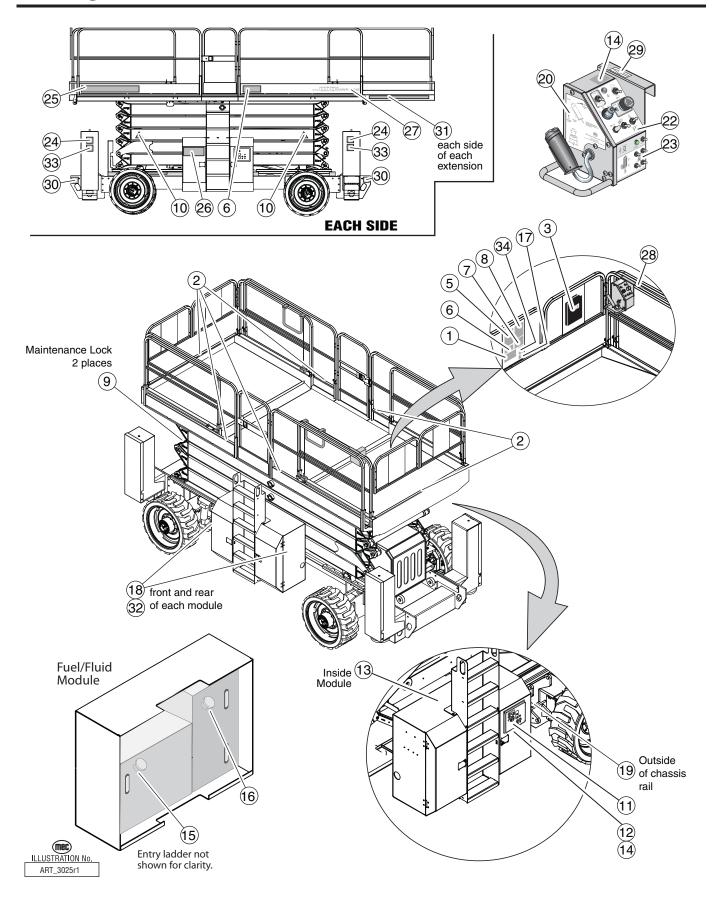




Lubrication

No.	ITEM	SPECIFICATION	FREQUENCY
1	Hydraulic Reservoir	Mobile Fluid 424 Do not substitute with lower grade fluids as pump damage may result. Fill to the middle of the sight gauge with platform in the stowed position.	Routine Maintenance Check Daily Scheduled Maintenance Change yearly or every 1000 hours, whichever occurs first
2	Hydraulic Filter	Filter Element (located inside Hydraulic Reservoir)	Scheduled Maintenance Normal Conditions Change every six months or 500 hours, whichever occurs first Severe Conditions Change every three months or 300 hours, whichever occurs first
3	Hubs	SAE 90 Multipurpose Hypoid Gear Oil API Service Classification GL5	Scheduled Maintenance Check every three months or 250 hours, whichever occurs first Change yearly or every 1000 hours, whichever occurs first

Warning and Instructional Decals



Decals (continued)

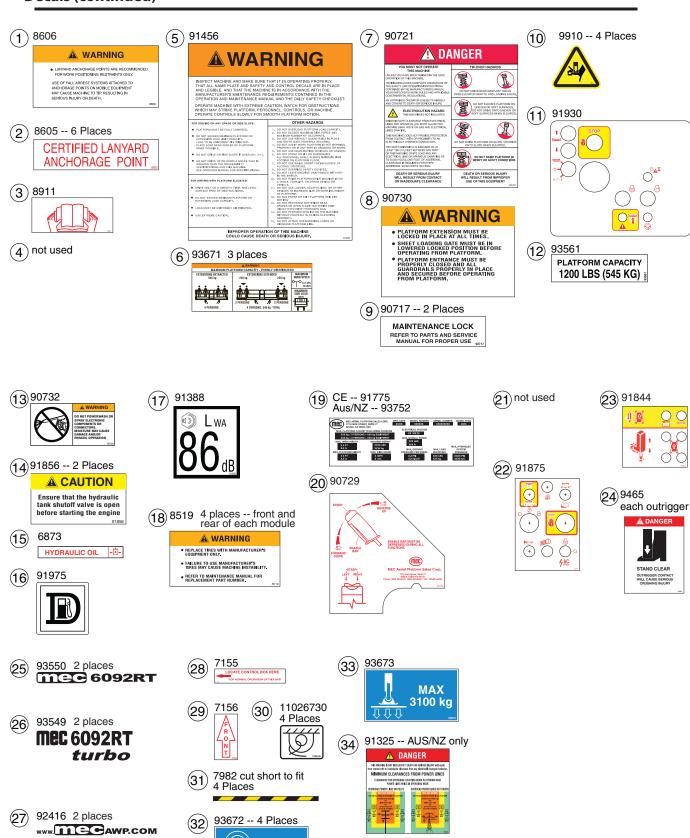


ILLUSTRATION No.

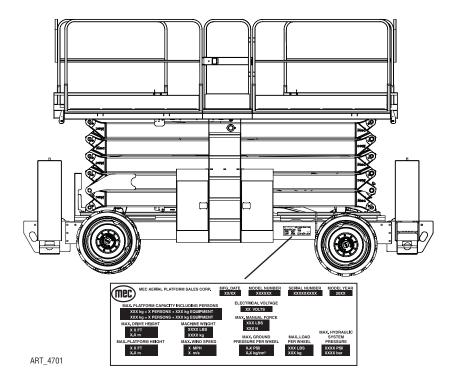
ART_4749 NOTE: Decals may vary in accordance with local requirements.

(mec)

MAX 3100 kg

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.



Serial Plate Description

MFG DATE. Month / Year of manufacture

MODEL NUMBER. Identifies the machine.

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

MAX. WIND SPEED. The maximum safe wind speed at which the machine can be elevated.

MAX. PLATFORM CAPACITY INCLUDING PERSONS. The maximum safe load (persons + equipment) which can be evenly distributed on the platform at any elevation

MAX. ALLOWABLE MANUAL FORCE. The maximum safe force that the occupant can exert laterally on an object outside the platform.

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

MAX. DRIVE HEIGHT. The maximum safe platform height at which the machine can be driven.

MAX. LOAD PER WHEEL. The maximum safe weight applied to each wheel. Calculated with all available options installed.

Fw = 30% (Wm + Wc + Wopt)

MAX. GROUND PRESSURE PER WHEEL. The amount of pressure exerted on the surface at each wheel. Calculated with all available options installed.

Pmax = 30% (Wm + Wc + Wopt) / Contact Area

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

OPTIONAL EQUIPMENT ADDS TO STANDARD MACHINE WEIGHT. The weight of installed optional equipment.

6092RT Troubleshooting

Troubleshooting

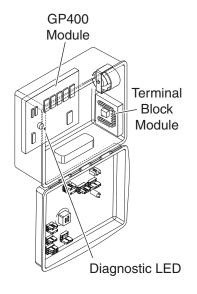


Should you experience erratic operation or notice any malfunction while operating this machine, discontinue use immediately.

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

Lower Controls

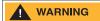


ART_3093

- Battery properly connected?
- Battery fully charged?
- Function toggle switch or the Enable Switch not activated?
- Selector Key Switch in proper position?
- Both Emergency Stop Switches reset?
- Hydraulic fluid level low?
- Obvious fluid leak or damaged component?
- · Wires disconnected, broken, or loose?
- Motor control processor Diagnostic LED OFF?
 LED should be ON. If not N or FLASHING, refer to Service Manual or contact MEC Technical Support.

Transport and Lifting Instructions.

Safety Information



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

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).

Loading

Free-wheel configuration for Winching or Towing.



Prior to manually releasing brakes, be sure the wheels are chocked to prevent machine from moving.



RUNAWAY HAZARD!

After releasing the brakes there is nothing to stop machine travel. Machine will roll freely on slopes.

The machine can be winched or towed short distances at speeds not to exceed 5 MPH (8.05 kph). Before towing or winching the machine, it is necessary to release the brakes. Reset the brakes after towing or winching.

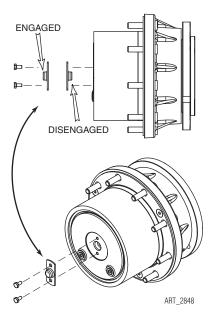
Disengage Brakes before Towing or Winching



• Remove the Torque Engage Cap and reinstall with the bump facing inward on all four (4) hubs.

Engage Brakes before Driving

 Remove the Torque Engage Cap and reinstall with the bump facing outward on all four (4) hubs.



Driving or Winching onto or off of a Transport Vehicle



MEC does not recommend unassisted loading or unloading.

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.

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

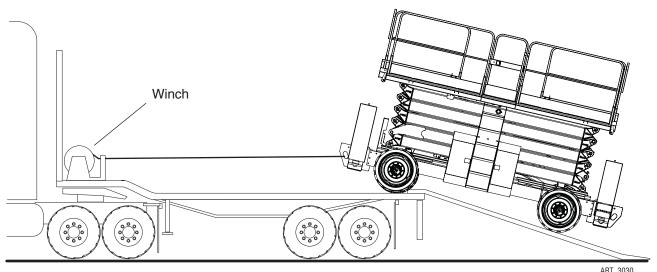
Driving

- 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.
- 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 Disengage Brakes before Towing or Winching on page 38).
- Carefully operate the winch to lower the machine down the ramp.
- · Chock the wheels and engage the brakes.



Lifting and Tie Down Instructions



ART 3033

Only qualified riggers should rig and lift the machine.

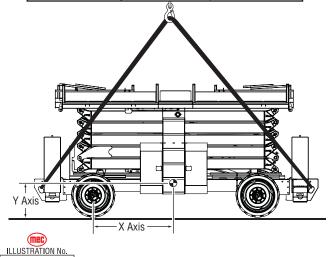
Ensure that the crane capacity, loading surfaces and straps are sufficient to withstand the machine weight. See the serial plate for the machine weight.

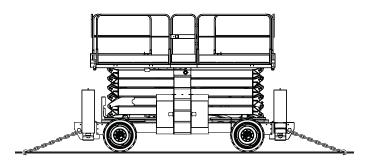
- Fully lower the platform. Be sure the deck extension is retracted and the module doors are closed and secure. Remove all loose items from the machine.
- Determine the center of gravity of the machine.
- Attach rigging to the designated lift points only.
- Adjust the rigging to prevent damage to the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

Securing to Truck or Trailer for Transport

- Lock the deck extension in the retracted position.
- Turn the key Selector Key Switch to OFF and remove the key before transport.
- Turn the Battery Disconnect Switch to OFF before transport.
- Inspect the entire machine for loose or unsecured items.
- Use chains or straps of ample load capacity.
- Use a minimum of two (2) chains or straps.
- Adjust the rigging to prevent damage to the chains and the machine.

Center of Gravity	X Axis	Y Axis
Center of Gravity	A AXIS	1 AXIS
5492RT	59 in. / 150 cm	44 in. / 112 cm
6092RT	59 in. / 150 cm	47 in. / 119 cm







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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