RISK/HAZARD ASSESSMENT OF MOBILE PLANT

PLANT MODEL: ALMACRAWLER ATHENA RANGE

MOBILE ELEVATED WORK PLATFORM (M.E.W.P)

PLANT MANUFACTURER: ALMAC S.r.l

INDOOR/OUTDOOR USE

MODEL	MAXIMUM WORKING HEIGHT	MAXIMUM WORKING LOAD*	YEAR
1090-BL	10m	300kg	2025 onward
1490-BL	14m	400kg	2025 onward

(*REFER AND UNDERSTAND OPERATORS MANUAL FOR RATED CAPACITY RESTRICTIONS)

POWER SOURCE: COMBUSTION/ELECTRIC

ASSESSMENT COMPLETED BY ALMAC-PACIFIC

ASSESSMENT/REVISION DATE: 05-07-2025

This machine is supplied with an operations and maintenance manual provided by the manufacturer. This manual should be read and completely understood prior to any operation of this machine.

Any applicable licences or certificates of competency are also required to be obtained by the operator prior to using this machine.

Untrained or Unauthorised use of the machine is forbidden.

SCOPE OF RISK/HAZARD ASSESSMENT OF MOBILE PLANT.

This Risk/Hazard assessment of mobile plant is completed as a guide only and represents only the machine listed in this report. The assessment is completed on the machine and expected normal operations. As working environments of the machine change regularly, this report cannot cover all operating conditions or environments of the machine. Therefore, risks and hazards involved with the operations of this machine must be continuously monitored and assessed correctly when identified.
This Risk/Hazard assessment applies only to a machine in complete satisfactory working condition adhering to the Manufacturer and Worksafe required maintenance and inspection programs.

RISK/HAZARD IDENTIFICATION AND CONTROLS

Mobile machines working in dynamic environments require continuous assessment for risks and hazards. Hazard control measures should be approached in the following order:

Eliminate: Remove the hazard to perform the task safely
Substitute: Provide an alternative solution to perform the task safely
Isolate: Contain the hazard so it no longer can cause harm to persons
Engineering: Provide or construct a safe alternative with manufacturers guards or barriers
Administrative: Provide policies, practices, training and guidelines to ensure safe work procedures
P.P.E: Ensure all persons are equipped with the correct Personal Protective Equipment associated with the task. PPE includes, but not limited to safety footwear, safety glasses, gloves, hi-visibility clothing and hard hats.

A **HAZARD** is something with the potential to cause harm.
A **RISK** is the likelihood of death, injury or illness might result due to the hazard.

HAZARD MATRIX FOR RISK EVALUATION

		CONSEQUENCE OF HAZARD OCCURING					
		A DEATH	**B PERMENANT INJURY**	**C LOST TIME INJURY**	**D MEDICAL TREATMENT**	**E FIRST AID TREATMENT**	**F NONE**
CHANCE OF HAZARD OCCURING	**1. EXPECTED**	HIGH	HIGH	HIGH	MEDIUM	MEDIUM	LOW
	2. OFTEN	HIGH	HIGH	MEDIUM	MEDIUM	LOW	LOW
	3. SOMETIMES	HIGH	MEDIUM	MEDIUM	LOW	LOW	LOW
	4. RARELY	MEDIUM	MEDIUM	LOW	LOW	LOW	LOW
	5. HIGHLY UNLIKELY	MEDIUM	LOW	LOW	LOW	LOW	LOW

HAZARD GROUPS AS MENTIONED IN THIS REPORT

1	OPERATION	5	ELECTRICAL
2	STATUTORY REQUIREMENT	6	TRANSPORT
3	DESIGN	7	MAINTENANCE
4	STABILITY	8	OTHERS

RISK EVALUATION

HIGH: Immediately activate risk control measures to control the HAZARD IDENTIFIED. **Do not** proceed with task or plant operation.
MEDIUM: Approach the task with caution. Look for alternative solutions for the task to be completed. Take all reasonable steps to monitor the risk throughout the task. Use controls measures to reduce the chance of hazard occurring.
LOW: Still approach task with caution. Take all reasonable steps to monitor the risk throughout the task. Use control measures to reduce the chance of hazard occurring.

HAZARD IDENTIFICATION CHECKLIST	
CRUSHING **ENTANGLEMENT** **CUTTING** **STABBING** **PUNCTURING** **SHEARING** **FRICTION** **STRIKING**	-can anyone's hair, clothing, gloves, cleaning apparatus or any other materials become entangled in moving parts, or objects in motion. -crushing due to material falling from plant. -uncontrolled motion or unexpected movement of plant. -inadequate stopping devices of plant to control movement. -support structure collapse. -being thrown from or within plant. -cutting, stabbing & puncturing due to contact with sharp or flying objects. -parts of plant or worksite material disintegrating or falling. -movement of plant. -can anyone's body parts be sheared between moving parts or surfaces of the plant. -can anyone be burnt due to contact with moving parts or surfaces of the plant. -can anyone be struck by moving objects due to uncontrolled or unexpected movement of plant or workpieces.
ERGONOMIC **SLIPPING** **TRIPPING** **FALLING**	-can anyone be injured due to the design of seating or due to repetitive body movements. -constrained body posture or the need for excessive effort. -design inefficiency causing mental or psychological stress. -inadequate or poorly placed lighting of plant or workers. -lack of failsafe measures against human error. -mismatch of plant with natural human limitations.
HIGH PRESSURE FLUIDS **HIGH TEMPERATURES** **FIRE/EXPLOSION**	-can anyone contact fluids under high pressure, due to plant failure or misuse. -can anyone contact objects at high temperatures, or objects which can cause fire or burning. -can anyone suffer illness due to exposure to high or low temperatures. -can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances triggered by the operation of the plant or workpieces.
SUFFOCATION **DROWNING**	-can anyone be suffocated or drowned due to lack of oxygen, or atmospheric contamination.
ELECTRICAL	-can anyone be injured by electric shock due to the plant coming into contact with live conductors. -plant being too close to high tension power lines. -overload of electrical circuits. -electrical wiring or switch shorting. -lack of insulation against water contact shorting. -magnetic interference from workplace corrupting electrical components.
STABILITY	-can machine tip or roll over due to outriggers not extending. -outriggers failing mechanically or retract unintentionally. -control valve or interlock failure. -set up on soft ground, unlevel or uneven ground, excessive slope. -driving on rough surfaces, over potholes, hitting fixed objects, excessive side loads e.g. wind.
HYDRAULIC FAILURE	-hydraulic system failure. -check valve or relief valve failure. -hose or cylinder failure - mechanical or fatigue.
STRUCTURAL FAILURE	-boom or scissor arm failure due to fatigue, corrosion, or overloading. -pin, cable or linkage failure. -general overload- lifting excessive load, loading platform/ basket in an unintended way.
MAINTENANCE	-can anyone be injured while carrying out routine, preventative or corrective maintenance. -explosion due to welding spark etc. near charging battery -adjusting equipment for essential components faulty or seized. -guard removal.
TRANSPORT	-can anyone be injured due to machine instability while transporting. -plant or objects falling from transport truck.
OCCUPATIONAL HAZARDS	-plant obstructing other plants at site. -unauthorized use by untrained personnel. -unintended use of duplicate controls while working. -hearing loss or communication interference due to excessive noise. -safety signs or decals removed. -energy supply failure (chemical, electrical or mechanical).

RISK/HAZARD ASSESSMENT OF MOBILE ELEVATED WORK PLATFORM

MANUFACTURER: Almac S.p.a **DATE OF INSPECTION:** 05-07-2025 **Design Standards Used:** AS 1418.10:2025
MODEL: ATHENA RANGE **METHOD OF INSPECTION:** Visual
POWER SOURCE: COMBUSTION/ELECTRIC **USAGE:** Indoor/Outdoor

HAZARD GROUP	HAZARD DESCRIPTION	RISK LEVEL INITIAL	CONTROL MEASURES ALREADY IMPLEMENTED	ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL AFTER
1	Persons could be injured or injure others while operating the machine without satisfactory instruction, training and information.	HIGH (3-A)	The manufacturer has provided an operator's manual which should be retained in the storage container located on the platform.	Having obtained all the relevant information regarding the machine and its functions, management must ensure that the operator is trained in its safe operation. The operator must hold an appropriately endorsed National Certificate of Competency or licence to operate. Training should be reviewed regularly, and revision recorded.	LOW (5-F)
1	Persons could be injured or injure others if the machine is not operated in a safe manor	HIGH (2-A)	The manufacturer has provided an operator's manual outlining the safe use and limitations of the machine	Management/owner of machine should ensure that all operators of the machine are suitably qualified and competent in the use of the machine and use the machine as directed in a safe manor	LOW (5-F)
1	Persons could be injured if the operator is unfamiliar with unsafe conditions and hazards that could affect the safe operation of the machine.	HIGH (2-A)	The manufacturer has outlined in the operator's manual conditions that the machine should not operate in.	Management should ensure that the operator is trained in determining unsafe conditions and hazards that are relative to the machine's safe operation.	LOW (5-F)
1,7	Persons could be injured if the machine is known to be faulty and is operated and left in service.	HIGH (3-A)	The manufacturer has provided a service manual.	A" DANGER DO NOT USE" sign should be attached to the machine by an authorised person, signed and dated. Machine should be isolated from operation. The operator should be instructed by management that while such tags are attached to the machine it must not be used until the tag is removed by a suitably qualified person.	LOW (5-F)
1,7	Persons could be injured if a machine that has a "DANGER DO NOT USE" tag attached is operated.	HIGH (3-A)	The manufacturer has provided isolation controls to prevent machine operation if required	Management should ensure that the operator is instructed that the machine shall not be used until the tag is removed by a suitably qualified person.	LOW (5-F)
1,7	Persons could be injured by the machine operating in poor condition as a result of general wear and tear.	MEDIUM (3-C)	The manufacturer has provided a maintenance checklist to be followed whenever the machine is used.	Management should ensure that the operator is instructed to check the machine for faults prior to commencing work. Faults to be reported immediately and entered in the logbook of machine.	LOW (5-F)
1	Persons could be injured or injure others if the operator uses an incorrect function	HIGH (2-B)	The manufacturer has provided EMERGENCY STOP buttons on the platform and base of machine.	Management should ensure operators are competent in the use of the machine and use of EMERGENCY STOP buttons	LOW (5-F)
1	Persons could be injured if the controls on the machine could remain in the "on" position when the control device is released.	MEDIUM (4-C)	The manufacturer has provided "automatic return to neutral" upon release of the controls with the exception of the emergency stop buttons.	Management should ensure that the operator is instructed in the use of the controls. Controls should be regularly tested for correct operation. Unit not to be used if controls malfunction.	LOW (5-F)
1	Persons could be injured if the operator inadvertently activated a control device (button or lever) in error.	MEDIUM (3-C)	The manufacturer has designed the controls in such manner as to prevent inadvertent activation. Control panel has guarding around function controls & operator interlock pedal is installed.	Management should ensure that the operator is always instructed to take care while operating the control system.	LOW (5-F)
1	Persons could be injured if the controls cease to function correctly.	MEDIUM (4-C)	The manufacturer has provided within the operator's manual a series of function tests to be carried out to ensure the safe operation of the machine.	Management should ensure that the operator is instructed to carry out all function tests prior to commencing operations. A maintenance/logbook should be provided, and all results should be recorded therein.	LOW (5-F)
1	Persons could be injured if the operator could not stop the machine in an emergency.	HIGH (3-A)	The manufacturer has provided an emergency stop buttons on the platform and base of machine.	Management should ensure that the operator and spotter are instructed to check that the emergency stop button is operational and is clear and accessible at all times. Testing machine functions are included in daily checks.	LOW (5-F)
1	Persons could be injured if the machine tipped while driving at height	HIGH (3-A)	The manufacturer has provided a tilt interlock if the chassis is driven more than 1 degree out of level	Management should ensure pre-operational checks are completed as required to ensure all machine safety circuits are operational	LOW (5-F)

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MODEL: ATHENA RANGE **METHOD OF INSPECTION:** Visual
POWER SOURCE: COMBUSTION/ELECTRIC **USAGE:** Indoor/Outdoor

HAZARD GROUP	HAZARD DESCRIPTION	RISK LEVEL INITIAL	CONTROL MEASURES ALREADY IMPLEMENTED	ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL AFTER
1	Persons could be injured if the controls of the machine were jammed, taped or fixed in any position.	MEDIUM (3-B)	The manufacturer has provided daily checks to be carried out on the machine outlined in the operations manual.	Management should ensure that the operator is instructed to check the controls prior to commencing work and if they are stuck or do not move freely to report the matter to a supervisor. Record the findings of the inspection in the maintenance/logbook.	LOW (5-F)
1	Persons could be injured if the platform control panel became unstable or fell.	LOW (3-E)	The manufacturer has provided a cradle for the platform control to remain securely whilst in use	Management should ensure that the operator is instructed to ensure that the platform control is located securely before use.	LOW (5-F)
1	Persons could be injured if the machine is used to exceed its nominated maximum rated capacity.	HIGH (3-A)	The manufacturer has provided an overload prevention system to prevent operation of machine with excessive weight in platform	Management should ensure that the operator is instructed to ensure that the nominated M.R.C. is not exceeded. The weight all materials must always be considered.	LOW (5-F)
1	Persons could be injured if any of the machine limit or safety devices are disabled	HIGH (3-A)	The manufacturer has outlined tests to be performed prior to use to confirm the operation of all safety devices.	Management should ensure the machine condition is as designed by the manufacturer and no presence of any unauthorised modifications. Correct maintenance schedule should always be adhered to.	LOW (5-F)
1,4	Persons could be injured if the platform rated capacity is exceeded	HIGH (3-A)	The manufacturer has provided a platform overload interlock system to prevent movement should the platform rated capacity be exceeded	Management and the operator should always perform inspections prior to use that the systems are functioning correctly as designed	LOW (5-F)
1	Persons could be injured, or damage sustained to the machine if operated on slippery uneven surfaces	HIGH (3-A)	The manufacturer has outlined the correct surfaces required for the safe operation of this machine in the operator's manual	Management or machine owner should ensure all operators are familiar with conditions required for the safe use of this machine	LOW (5-F)
1	Persons could be injured if the machine is used in ways other than designed by the manufacturer	HIGH (3-A)	The manufacturer has clearly outlined in the operator's manual the designed usage of this M.E.W.P. Using the machine in any way other than designed is forbidden	Management or machine owner should ensure the machine is used only in accordance to the designed purpose.	LOW (5-F)
1	Persons could be injured from slips or falls if the platform is left dirty or obstructed	MEDIUM (3-C)	The manufacturer has provided a slip-resistant floor to the platform.	Management or machine owner should confirm correct housekeeping practices that the platform is kept clean and dry wherever practical	LOW (5-F)
1	Persons could be injured if the operator health status is not adequate to operate the machine	HIGH (3-A)	The manufacturer advises not to operate the machine under poor health or substance effected conditions	Management or machine owner should confirm the operator is in correct health to be operating the machine, as in accordance with machine licensing requirements.	LOW (5-F)
1	Injury could occur if persons contact tracks during movement	MEDIUM (4-B)	The manufacturer outlines in the operator's manual that standing on the tracks is not permitted. Audible movement alarms are installed on the machine	Operator should always be aware of surroundings of the machine whilst moving the machine. Operator should always confirm that the movement alarms are operational.	LOW (5-F)
1	Persons could be injured if the gate is left open and provides an opening.	HIGH (3-A)	A self-closing gate has been provided by the manufacturer.	Routine inspection of the self-closing gate & guard rail system should be conducted	LOW (5-F)
1	Persons could be injured if they fell from an elevated platform.	HIGH (3-A)	The manufacturer has provided a guardrail system and anchorages to which safety lanyards and harnesses may be attached. The anchorages have been designed and tested to AS 1418.10:2025	Management or machine owner should ensure operators do not misuse guardrail system by climbing on or over the rails.	LOW (5-F)

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1	Persons could be injured if the machine tipped due to excessive winds while working outdoors.	HIGH (3-A)	The manufacturer has rated the machine to withstand winds up to a maximum of 12.5 m/s as stated on the specification plate.	Management should ensure that the operator is instructed not to elevate the platform in winds or draft prone areas where the wind may exceed 12.5 m/s.	LOW (5-F)
1	Persons could be injured if the battery is charged in a confined area.	MEDIUM (3-C)	The manufacturer outlines in the operator's manual the machine should be charged in a ventilated area using only the charging system provided.	Management should ensure that the person responsible for charging the battery is instructed to ensure that this operation is only carried out in a well-ventilated and dry area.	LOW (5-F)
2	Persons could be injured if the machine did not comply with the appropriate Australian Standards for the operation of the machine.	HIGH (4-C)	The machine has been independently tested for compliance with Australian Standard AS 1418.10:2025	A specification plate is required and must be permanently fixed to the machine. Management should ensure that the operator is instructed to ensure that this plate is kept clean and legible and is not removed for any reason.	LOW (5-F)
3	Injury could occur from operators clothing or limbs being caught in engine components or moving parts	MEDIUM (4-B)	The manufacturer has installed guards on all chassis compartments including covering the diesel and electric engines. Warning decals are also installed in possible pinch areas of the machine. Safe operations of the extending structure are outlined in the operator's manual	Management or machine owner to ensure operators are aware never to open engine compartments with engines running. Operators should always be assessing their surroundings prior to making any movements of the machine	LOW (5-F)
3	Crush injury could occur if limbs are caught in the scissor stack during lowering	MEDIUM (4-B)	The manufacturer has installed a lowering alarm to alert for a lowering platform. A programmed crush guarding final interlock is also included to stop the platform for a final inspection before reach stowed height.	Management or machine owner should ensure operator always watches machine surroundings whilst lowering.	LOW (5-F)
3	Injury could occur from machine lifting on uneven surfaces or inclines	LOW (4-C)	The manufacturer has designed the machine specifically to operate on uneven ground or inclines. Safety systems have been designed into the machine to prevent lifting if the extending structure is not level.	Operator should confirm through recommended checks that the extending structure is lifting only when level as outlines in operator's manual	LOW (5-F)
3	Persons could be injured if the safety devices on the machine are inadequate	HIGH (3-A)	The manufacturer has designed the safety systems of this machine in accordance to AS1418.10: 2025	Management or Owner of machine should ensure correct maintenance and operator checks are carried out on the machine to ensure the correct function of all safety systems designed into the machine	LOW (5-F)
3	Injury could occur from exiting the platform basket at height	HIGH (3-A)	Manufacturer forbids the operator to leave the platform at height	Management should ensure the operator is not attempting to dismount the machine at height from the platform	LOW (5-F)
3	Persons could sustain burns from hot components of machine	MEDIUM (4-B)	Manufacturer has designed adequate covers of all components within reach of persons, including complete covers over combustion and electric engine. Warning decals have also been fitted to these areas.	Management or machine owner should ensure only competent persons access these areas of the machine.	LOW (5-F)
3	Persons could be injured if walking into the path of the moving machine and making contact	MEDIUM (4-B)	Manufacturer has provided an audible warning horn to alert pedestrians of moving machine in operation. Movement alarms are also installed and operational	Management or machine owner should confirm daily checks are completed and the operator ensures warning alarms are operations before using machine.	LOW (5-F)

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HAZARD GROUP	HAZARD DESCRIPTION	RISK LEVEL INITIAL	CONTROL MEASURES ALREADY IMPLEMENTED	ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL AFTER
3	Injury caused by excessive noise of operating machine	LOW (4-C)	The manufacturer has enclosed the diesel and electric operating engine to lower noise emitting from machine to an acceptable level.	Operator to ensure engine compartments are closed at all times whilst operating	LOW (5-F)
3	Persons could be injured if the machine was unable to be lowered due to operational failure	LOW (4-C)	The manufacturer has designed an emergency descent device to lower the scissor stack in the event of an emergency	Management or owner of machine are to ensure the operator is familiar with the procedure of the emergency lowering of the machine.	LOW (5-F)
3	Persons could be injured if the machine was operated incorrectly due to controls not being clearly marked for use	MEDIUM (4-B)	The manufacturer has clearly marked and protected all operational controls for the machine. The control decals are also protected by clear decals.	The operator should ensure the controls are adequately protected during use to prevent the obstruction of control labelling	LOW (5-F)
3	Injury caused by high pressure hydraulic release	LOW (5-B)	The manufacturer has enclosed the hydraulic manifolds and pumps to prevent contact with high pressure hydraulic areas. Hoses used are all twin wrap high pressure hoses with protective shield. The hydraulic system also has a relief valve to protect the system from over pressurisation	Management and operator to ensure correct maintenance is always completed on the machine. Logbook for machine to be up to date.	LOW (5-F)
3	Persons could be injured if the platform were to suddenly drop due to hydraulic hose rupture or fluid leaks from machine.	MEDIUM (4-B)	Manufacturer has designed the lift cylinder with mechanically mounted holding valve that prevents cylinder retraction if a hose were to burst.	Management or machine owner should ensure correct operation of the lift cylinder holding valve at all times.	LOW (5-F)
4	Persons could be injured if machine tips over due to excessive side load being applied to the machine	HIGH (3-A)	The manufacturer has specified the maximum side load force able to be applied to the machine either from the operator or wind force. The machine should not be operated in conditions that exceed this	Management or machine owner should ensure operators are sufficiently trained in the use of the machine and able to identify conditions that exceed the specified design.	LOW (5-F)
4	Injury could occur from machine being operated without satisfactory contact with ground or chassis of machine is unstable prior to lifting	HIGH (3-A)	Manufacturer has designed safety systems into the machine to prevent lifting if the machine angle is changing more than 1 degree if the chassis is not stable.	Management or owner of machine should confirm the operator of the machine is adequately trained and competent in the use of the machine prior to use. The operator should have the correct training to understand the entire track system must be in contact with the ground during lifting and use	LOW (5-F)
4	Persons could be injured if machine is operated on a surface or adjacent to excavation that may not support the weight of machine	HIGH (3-A)	Manufacturer has outlined the correct surfaces for the safe operation of the machine in the operator's manual.	Management or Owner should ensure operators are competent in identifying the correct surface requirements for the operations of the machine. If necessary, a site engineer should be consulted to identify weight capacity of surface.	LOW (5-F)
4	Injury could occur if loads were hung off the side of the platform	HIGH (3-A)	The manufacturer has forbidden any lifting with the platform other than intended to lift persons + tools	Management or owner of machine should ensure the operator of machine uses the machine only in the way specified by the manufacturer	LOW (5-F)
4	Injury could occur if the platform is operated from ground controls whilst persons are in the platform	HIGH (4-B)	The manufacturer has forbidden the use of the ground controls whilst operators are present in the platform. An emergency stop can be utilised from the platform to prevent unwanted machine function.	Management or machine owner should ensure correct operator training and knowledge of correct operations of M.E.W.P	LOW (5-F)

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HAZARD GROUP	HAZARD DESCRIPTION	RISK LEVEL INITIAL	CONTROL MEASURES ALREADY IMPLEMENTED	ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL AFTER
4	Persons could be injured if the machine's brakes fail to engage when releasing operation control	MEDIUM (3-B)	The manufacturer has outlined daily operational checks to confirm the machine correct operation. The manufacturer has also designed the braking system to apply mechanically should machine operation fault.	Operator is to confirm correct operation of machine prior to commencement of use.	LOW (5-F)
5	Persons could be injured if the machine were to come in contact with overhead power lines	HIGH (3-A)	The manufacturer has affixed a decal to the machine outlining the minimum clearances to be adhered to when working near powerlines	Management or owner of machine should ensure the operator has the correct training to operate a machine in the work area of powerlines	LOW (5-F)
5	Persons could be injured if they were unaware the machine was not electrically insulated	HIGH (3-A)	The manufacturer has affixed a decal to the machine clearly stating the machine is "not insulated"	Management or owner of machine should ensure the operator has the correct knowledge and training when working around electrical services	LOW (5-F)
5	Persons could be injured by lightning strike	MEDIUM (5-A)		Management or owner of machine should keep operator instructed never to use machine in conditions that lighting/thunder has been observed within 10KM of worksite	LOW (5-F)
6	Possibility of damage or injury if the weight of machine exceeds the capacity of crane during lifting process	MEDIUM (4-B)	The manufacturer has clearly marked the weight of the machine on the serial data plate of the machine	Operator of crane to complete assessment of task prior to commencing lifting to ensure crane capability is not overloaded	LOW (5-F)
6	Injury or damage could occur if machine is loaded onto trailer or truck that is inadequate to carry the weight of the machine	MEDIUM (3-B)	The manufacturer has clearly marked the weight of the machine on the serial data plate.	Management or owner of machine to ensure transport method is adequate to carry the machine in accordance to transport regulations	LOW (5-F)
6	Crush risk to persons if the machine were to fall over during loading onto truck or trailer	HIGH (3-A)	The manufacturer has provided an extendable control cord to allow the operator out of the hazard zone whilst loading the machine onto truck or trailer. Forklift pockets are also present to allow forklift loading	Management or owner of machine to ensure operator has the training to load the machine safely	LOW (5-F)
6	Chance of injury if the machine were to become unstable during loading due to truck or trailer not on level ground	HIGH (3-A)	The manufacturer has outlined in the operator's manual the correct safe method of loading the machine onto truck or trailer.	Management or owner of machine should ensure operators and transport personnel have the correct training to load the machine safely	LOW (5-F)
7	Persons could be injured if the auto-levelling system operation was incorrect	HIGH (3-A)	The manufacturer has outlined daily checks to perform to ensure auto-levelling system is working correctly	Management or owner of machine should ensure any incorrect operation is assessed and corrected prior to the use of machine	LOW (5-F)
7	Persons could be injured if the stabiliser system is modified or working incorrectly	HIGH (3-A)	The manufacturer has outlined daily checks to perform to ensure stabilising system is working correctly and free from modification. Software interlocks require the correct functioning of sensors prior to allowing lift function	Management or owner of machine should ensure any incorrect operation is assessed and corrected prior to the use of machine	LOW (5-F)
7	Persons could be injured if the machine was subjected to structural, mechanical or corrosive damage and it was not noticed.	LOW (4-D)	The manufacturer has set out routine maintenance items that the operator must complete before commencing work.	Management should ensure that the operator is instructed to carry out the routine maintenance items on the machine as required. The result should be recorded in the maintenance/logbook.	LOW (5-F)

RISK/HAZARD ASSESSMENT OF MOBILE ELEVATED WORK PLATFORM

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MODEL:	ATHENA RANGE	**METHOD OF INSPECTION:**	Visual		
POWER SOURCE:	COMBUSTION/ELECTRIC	**USAGE:**	Indoor/Outdoor		

HAZARD GROUP	HAZARD DESCRIPTION	RISK LEVEL INITIAL	CONTROL MEASURES ALREADY IMPLEMENTED	ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL AFTER
7	Persons could be injured if the machine was permitted to fall into disrepair due to age and general use.	LOW (3-E)		A maintenance/logbook should be provided, and regular entries be made within. Management should advise the operator that the machine must be regularly inspected, serviced and maintained. At the end of ten years of operation and each five years thereafter the machine must be thoroughly inspected and maintained in accordance with the Australian Standard AS 2550.10.	LOW (5-F)
7	Persons could be injured from falling from basket if handrail system is in unsatisfactory condition	MEDIUM (4-A)	The Manufacturer has designed a self-closing rail for the platform basket entry. This rail should not be restricted in any fashion by any modification	Management or machine owner should confirm the regular inspections are carried out on the platform basket structure.	LOW (5-F)
7	Machine could become unstable due to damaged or dislodged tracks	LOW (4-C)	The manufacturer has outlined in the operator's manual not to operate the machine with damaged or dislodged tracks.	Operator should always be familiar with machine and if the track is worn, damaged or dislodged to report to management. Track to be rectified prior to machine re-entering service.	LOW (5-F)
7	Persons can be injured if machine is activated whilst maintenance operations are being conducted	MEDIUM (4-B)	The manufacturer has designed an isolation key and ignition key into the machine to be turned off and removed during maintenance operations	Management or owner of machine should ensure safe work practices are followed during maintenance activities. Maintenance activities only to be carried out by suitably competent persons	LOW (5-F)

ALMACRAWLER has created this report as confirmation that a risk analysis has been conducted on this range of machines. This report outlines potential hazards that can be associated with the operation, stability, inspection, transportation and maintenance of these products.
Almacrawler machines have been designed in accordance with local standards AS1418.10:2025 and design verification to these standards has been completed by a third-party assessor. Each model has received a design verification report as well as design registration certificate. Routine and Periodic maintenance is required on these machines in accordance with AS2550.10

This report should be assessed each year by the owner and user of the machine to confirm the accuracy of the information contained. HARZARDS identified may require alternative control methods as the dynamic working conditions of the machine change. HAZARDS identified around the specific working environment of the machine will need control measures applied and added to the report.