

TYPE	Slasher
MAKE	Not Specified
MODEL	1200mm
SERIAL NUMBER	05250179

Report Number	OSS 20210210-1203
Date	10-Feb-2021
Created By	Geoff Gleeson
Assessor	Geoff Gleeson
Assist. Assessor(s)	
Agent	Mannes Agencies
Lot Number	51
Location	Farm 47
Assessment Purpose	Sale
State	NSW

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SECTION 4	RISK TREATMENTS REQUIRED Contains detailed information regarding the risk treatments to be implemented including hazard, risk rating, time frame, relevant standards & legislative references
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SECTION 1 IMPORTANT INFORMATION

This report generated by Plant Assessor™ © Online Safety Systems on Wednesday 10 Feb 2021 8:38 PM

This Risk Management Report has been prepared for -

(insert recipient name/company name)

This document has been prepared to cover the sale or transfer of this item of plant between the Company identified on the front cover and their named recipient. This report must not be used for any subsequent sale or transfer.

This document is provided to meet duty of care obligations as set out in relevant state and territory health and safety regulations for the supply of plant and the sale and transfer of plant.

The safety hazards associated with the operating and maintaining of this item of plant have been identified as far as practical by visual inspection. This item of plant is being sold in an "as-is" condition with known and unknown safety hazards. No physical testing has been conducted (eg. Wire rope tests, stress tests, structural/non-destructive tests, noise tests, vibration tests, brake tests, insulation tests etc.) unless stated otherwise in the notes.

This document is not intended to provide information on, nor warrant the mechanical, electrical or structural condition of this item of plant. Any information on standard features have been supplied through the manufacturer and should be used as a guide only until otherwise verified.

This item of plant should be further assessed, tested and inspected or dismantled as necessary to gauge any further hazards and /or risks relating to SPECIFIC WORKPLACE USE, which are currently unknown, in accordance with relevant standards, regulations and acts.

Under common law and relevant state and territory health and safety acts, regulations and codes of practice, there is a requirement for the plant owner, employer and operator to exercise a duty of care in the safe operation and maintenance of plant. Accordingly before this item of plant is supplied to, or used at any workplace it must be inspected to ensure it is in a fully operational, safe and serviceable condition and that operators and maintenance personnel are appropriately trained in the use & maintenance of this item of plant.

For further information regarding this report contact Online Safety Systems on 1300 72 88 52

SECTION 2 MACHINE DETAILS

CAPACITIES	
Cutting width - min-max (mm)	
Operating flow required (lit/min)	
DIMENSIONS/WEIGHTS	
Dry Weight (kg)	
Transport Width (mm)	
GENERAL	
Cutting height (mm)	
REQUIREMENTS	
Power required (kW)	

SECTION 3 RISK ANALYSIS / RISK EVALUATION






LIKELIHOOD		CONSEQUENCE				
		1. INSIGNIFICANT Dealt with by in house first aid	2. MINOR Treated by medical professionals, hospital out patients	3. MODERATE Significant non permanent injury overnight hospital stay	4. MAJOR Extensive permanent injury eg. Loss of fingers, extended hospital stay	5. CATASTROPHIC Death, permanent disabling injury eg. Loss of hand, quadriplegia
A. Almost certain to occur in most circumstances		MEDIUM 8	HIGH 16	HIGH 18	CRITICAL 23	CRITICAL 25
B. Likely to occur frequently		MEDIUM 7	MEDIUM 10	HIGH 17	HIGH 20	CRITICAL 24
C. Possibly and likely to occur at sometime		LOW 3	MEDIUM 9	MEDIUM 12	HIGH 19	HIGH 22
D. Unlikely to occur but could happen		LOW 2	LOW 5	MEDIUM 11	MEDIUM 14	HIGH 21
E. May occur but only in rare circumstances		LOW 1	LOW 4	LOW 6	MEDIUM 13	MEDIUM 15








RISK EVALUATION	CRITICAL	Act immediately to mitigate risk. Implement risk treatment(s) in accordance with the risk treatment table below.
	HIGH	Act immediately to mitigate risk. Implement risk treatment(s) in accordance with the risk treatment table below. If the appropriate risk treatments are not immediately accessible establish interim risk treatment strategies. Permanent risk treatments must be implemented within one week.
	MEDIUM	Take reasonable steps to mitigate and monitor the risk. Implement risk treatment(s) in accordance with the risk treatment table below. Permanent risk treatments must be implemented with one month.
	LOW	Take reasonable steps to mitigate and monitor the risk. Implement risk treatment(s) in accordance with the risk treatment table below. Permanent risk treatments must be implemented with three months.







RISK TREATMENT	Selecting the most appropriate risk treatment option involves balancing the costs and efforts of implementation against the benefits derived, with regard to legal, regulatory and other requirements. <small>(source AS/NZS ISO 31000:2009)</small>	
	Eliminate	Eliminate the risk source.
	Substitute	Provide an alternative that is capable of performing the same task which is safer.
	Engineering	Provide or construct a physical barrier or guard.
	Administration	Develop policies, procedures, practices and guidelines in consultation with employees to mitigate the risk. Provide training, instruction and supervision about the risk source.
	Personal protective	Provide personal protective equipment to protect the individual from the risk source.



SECTION 4 RISK TREATMENTS REQUIRED

This section of the report pertains to hazards created by use of this item of plant which currently do not have risk treatments in place. The risk treatments recommended in this section have been developed based on relevant Australian Standards, health & safety legislation, the hierarchy of risk treatment in accordance with the guidelines set forth in AS/NZS ISO 31000 – Risk Management and various other sources. The recommended risk treatment measures must be developed, implemented and validated as effective prior to the operation, maintenance or testing of this item of plant. Treatments applied must be dated and initialled adjacent the recommendations. All operators must read and understand the entire contents of this section prior to operating this item of plant.

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
DELIVERY						
 CRUSHING	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: SWMS Load Restraint Source or develop transport restraining guidelines for this machine.</p> <p>Once developed, ensure that all operators follow the approved SWMS/SOP when restraining this machine for transport.</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
OPERATION						
 INCORRECT OPERATION	CRITICAL 24	MEDIUM 15	Immediate	10-Feb-21		
<p>Risk Treatment Required: Operator Competency Only persons who are qualified, trained and experienced and/or hold the relevant certification/license can operate this item of plant. If there is not a competent/licensed person available for operation of this item of plant then only persons who are supervised by a competent/licensed person can operate this item of plant.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Control Labels Ensure all controls including all levers, buttons, pedals, switches etc. are clearly labelled as to their purpose and method of operation prior to operating this item of plant. Once achieved these labels must be maintained in a clean condition at all times.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS/NZS4024.1905</p>						
 ENTANGLEMENT	HIGH 22	HIGH 21	1 Week	17-Feb-21		
<p>Risk Treatment Required: PTO Mastershield Label Ensure that the PTO (Power Take Off) outlet(s) or PIC (Power Input Connection) connection(s) on this item of plant have clear and legible hazard warning label(s) fitted. Once fitted this label(s) must be in place at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health and Safety Legislation and Regulation</p> <p>References: AS1121</p>						
 CRUSHING, FALLING	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: No Riding On Machine Label Ensure this item of plant has a hazard warning label re: "No Riding on Machine", attached prior to operation. It must be present, clear and legible at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS1319</p>						




HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
OPERATION						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Pre-op Checklist Slasher</p> <p>Source or develop pre-operational checklist for this slasher. (Pre-op checklist available via the Custom Reports section of Plant Assessor)</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: SOP Slasher</p> <p>Source or develop Safe Operation Procedures for this slasher. (Safe Operation Procedures are available via the Custom Reports section of Plant Assessor)</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Operation Handbook</p> <p>The manufacturer's operation handbook is not available for this item of plant. A full assessment of the competence of operators must also be undertaken.</p> <p>This handbook must be sourced and made available to all operators and maintenance staff at all times as a requirement of current legislation. If Operation handbook cannot be sourced the operation manual must be developed by a competent person. All personnel who may operate this item of plant must read and be familiar with this handbook prior to operating.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 STRIKING	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Maximum PTO Speed Label</p> <p>This item of plant must be fitted with a label stating the maximum PTO speed. Once fitted this label must be present and serviceable at all times whilst this item of plant is in operation.</p> <p>References: AS1121.4- , NSW-2010</p>						
 FIRE	HIGH 21	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Fire Extinguisher</p> <p>No fire extinguishers are installed on this item of plant. Fire extinguisher(s) to AS 1841 must be present and fully functional and serviceable at all times. They must be readily accessible to the operator. Regular inspections must also be carried out in accordance with the manufacturer's requirements and AS 1851</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References:</p>						
 CRUSHING, CUTTING	HIGH 19	MEDIUM 14	1 Week	17-Feb-21		
<p>Risk Treatment Required: Cutting, Crushing and Shearing</p> <p>Ensure that the cutting deck of this item of plant has a hazard warning label re: cutting, crushing and shearing, keep hands and feet clear, etc, attached. Once installed this label must be present and fully functional and serviceable at all times.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS/NZS4024.1201, AS1319-</p>						
 INCORRECT OPERATION	LOW 2	LOW 1	3 Months	11-May-21		
<p>Risk Treatment Required: Instruction Receptacle</p> <p>This item of plant must be fitted with a weather proof receptacle to store the operating instructions which is labelled accordingly. This receptacle and the instructions must be present at all times during operation.</p> <p>References: NSW-2010</p>						



HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
DESIGN COMPLIANCE						
 ENTANGLEMENT	CRITICAL 24	MEDIUM 15	Immediate	10-Feb-21		
<p>Risk Treatment Required: PTO Shaft Guards and Labels</p> <p>Ensure all PTO (Power Take Off) shaft(s) have a permanent, sturdy guard which carries a clear hazard warning label regarding entanglement prior to operation. Once fitted these guards must be present and fully functional at all times whilst this item of plant is in operation and the labels must be in place and easily seen at all times.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS1121.4-</p> <p>Assessor Comments: Drive shaft not complete.</p>						
 ENTANGLEMENT	CRITICAL 24	MEDIUM 15	Immediate	10-Feb-21		
<p>Risk Treatment Required: PTO Mastershield</p> <p>Ensure that the PTO (Power Take Off) outlet(s) or PIC (Power Input Connection) connection(s) on this item of plant are guarded. Once fitted this guard(s) must be in place at all times whilst this item of plant is in operation.</p> <p>Legislation: State Health and Safety Legislation and Regulation</p> <p>References: AS1121</p>						
 STRIKING	CRITICAL 24	HIGH 21	Immediate	10-Feb-21		
<p>Risk Treatment Required: Intake/Discharge Shrouding - Slasher</p> <p>Ensure that the slasher is fitted with guards to the intake and discharge areas that meet the following criteria prior to use:</p> <ol style="list-style-type: none"> 1. Is made from steel chain of a minimum link diameter of 6mm (8mm if cutting width is greater than 1550mm) OR multi-ply reinforced belting (rubber) with a minimum thickness of 6mm (8mm if cutting width is greater than 1550mm) 2. Extend down to the cutting blade at the intake 3. Extend at least 25mm below the cutting blade at discharge 4. Not be able to make contact with the cutting blade 5. Has no gaps between sections of guards or the cutting body <p>Once fitted this guard must remain in place and in a serviceable condition at all times while the slasher is in operation.</p> <p>References: NSW-2010</p>						
 STRIKING	CRITICAL 24	HIGH 21	Immediate	10-Feb-21		
<p>Risk Treatment Required: Slasher Discharge Shrouding - Chain</p> <p>Ensure the chain used for the guarding of the intake AND/OR discharge areas of this slasher meets the following criteria prior to use:</p> <ol style="list-style-type: none"> 1. Drop chains are looped at the bottom to assist the chain in dropping back into position 2. If single link chain is used it is linked at the top or bottom by flexible steel wire rope 3. There are no gaps between the adjacent chain drops <p>Once fitted this guard must remain in place and in a serviceable condition at all times while the slasher is in operation.</p> <p>References: NSW-2010</p>						
 INCORRECT OPERATION	HIGH 20	MEDIUM 14	1 Week	17-Feb-21		
<p>Risk Treatment Required: Intuitive Controls</p> <p>The controls fitted to this item of plant must be orientated so that the movement of the control is consistent with the action of the machine e.g. moving a control lever to the left results in the machine turning to the left.</p> <p>Once achieved this design feature must be maintained at all times whilst this item of plant is in operation.</p> <p>References: AS/NZS4024.1906</p>						
 INCORRECT OPERATION, SLIPPING	HIGH 17	LOW 6	1 Week	17-Feb-21		
<p>Risk Treatment Required: Control Levers/Pedals/Buttons</p> <p>Ensure all controls including all levers, buttons, pedals, switches etc. are non-slip and free from damage prior to operating this item of plant. These conditions must be maintained to this level at all times whilst operating this item of plant.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: AS/NZS4024.1901</p>						

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
MAINTENANCE						
 INCORRECT OPERATION	HIGH 22	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Maintenance Manual</p> <p>The manufacturer's maintenance manual(s) are not available for this item of plant</p> <p>These manuals must be sourced and made freely available to all persons carrying out maintenance activities as a requirement of current legislation. If these manuals cannot be sourced, the maintenance manual(s) must be developed by a competent person, and then made available to all relevant persons.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						
 OPERATIONAL MALFUNCTION	HIGH 21	MEDIUM 15	1 Week	17-Feb-21		
<p>Risk Treatment Required: Service Records</p> <p>Service and maintenance records are not available for this item of plant.</p> <p>This risk assessment will form the basis of your records for this item of plant. Service and maintenance records must be developed and maintained as part of your plant safety management programme. This includes regular inspections re: the general condition of the item of plant including (but not limited to) tyre condition, oil levels and wear and tear on critical items such as brakes and steering, etc. All OEM prescribed, scheduled and non scheduled maintenance must also be documented as part of these records.</p> <p>Legislation: State Health & Safety Legislation & Regulation</p> <p>References: Occupational Health & Safety Act & Regulations, Work Health & Safety Act & Regulations-</p>						

SECTION 5 RISK TREATMENTS IN PLACE

This section of the report pertains to risk treatments currently in place on this item of plant. This section must be read in conjunction with the safety section of the manufacturers handbook. All operators must read and understand the entire contents of this section prior to operating this item of plant. These treatments or equivalent must remain in place at all times whilst this item of plant is in operation.

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
DESIGN COMPLIANCE		
 STRIKING	HIGH 20	MEDIUM 14
<p>Risk Treatment In Place: Slasher Body Guarding</p> <p>The body of this slasher extends a minimum of 25mm below the cutting blade and 200mm outwards from the blade tip, with an allowance for the distance to be reduced to 150mm for the body area directly below the PTO/3 point linkage.</p> <p>References: NSW-2010</p>		
 STRAINS	HIGH 19	LOW 5
<p>Risk Treatment In Place: Controls Ergonomics</p> <p>All controls including all levers, buttons, pedals, switches etc, are placed near the operator work position and are easy to reach and operate during the execution of the operator's normal duties. This applies for all persons within the 95th percentile of the normal population distribution.</p> <p>References: AS/NZS4024.1901</p>		
 OPERATIONAL MALFUNCTION	HIGH 22	LOW 2
<p>Risk Treatment In Place: Plant Modification</p> <p>The plant is in original condition.</p> <p>References:</p>		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
MAINTENANCE		
 CURRENT OR PREVIOUS STRUCTURAL DAMAGE	CRITICAL 25	MEDIUM 15
Risk Treatment In Place: Structural Integrity Regular checks for structural damage must be undertaken. Look for cracks in frames/chassis (current or repaired), bends or damage to structural components, etc.		
References:		
 OPERATIONAL MALFUNCTION	HIGH 22	LOW 2
Risk Treatment In Place: Major Fluid Leaks This item of plant must remain free from leaks at all times whilst in operation (this includes engine, transmission, cooling system, air, fuel, drive line, wheel hubs, steering and hydraulics). Development of a major leak will require this item of plant to be stood-down until repaired. Minor leaks detected must be repaired within 1-14 days.		
References: ISO31000		

SECTION 6 IMAGES AND NOTES



TYPE	Slasher	Report Number	OSS 20210210-1203
MAKE	Not Specified	Date	10-Feb-2021
MODEL	1200mm	Created By	Geoff Gleeson
SERIAL NUMBER	05250179	Assessor	Geoff Gleeson
		Assist. Assessor(s)	
		Agent	Mannes Agencies
		Lot Number	51
		Location	Farm 47
		Assessment Purpose	Sale
		State	NSW

PURCHASER ACKNOWLEDGEMENT

I the undersigned acknowledge that I have read and understand the risk management report described above. I also acknowledge that I have received a copy of this risk management report. I also acknowledge that I am authorised to sign on behalf of the purchaser.

Name _____
Company Name _____
Position _____
Signature _____
Date _____

The manufacturer's operational & maintenance handbooks have been supplied,
(circle one) YES NO (initial) _____

Please transfer this assessment to my Plant Assessor membership as a (circle one) HIRE / PLANT IN USE assessment.
My Plant Assessor username is _____

