



Machine Hazard Notice

SPIDA CXM & CXTM SAWS & OWENS COMPUTERISED SPIDA SAWS

BLADE TRAVEL PAST EDGE OF SAW BENCH

Owners of CXM and CXTM radial arm saws, manufactured by Spida Machinery 2000 Ltd, and Computerised Spida Saws (CSS), manufactured by RJ & JJ Owen, are advised to read this document carefully. It contains important information concerning the control of hazards associated with CXM, CXTM, and CSS saws.

HAZARD DESCRIPTION

Victorian Workcover Authority, in conjunction with MiTek Australia, have determined that some hazards associated with CXM, CXTM, and CCS saws supplied by MiTek Australia Ltd, are not adequately controlled. These saws do not conform with the Woodworking Machinery Standard AS1473-1991.

Saw operators risk cutting injuries when the blade passes the edge of the saw bench. CXM, CXTM & CSS saws supplied up to 18 January 2001 do not conform with this requirement. These saws are supplied with a stroke limiter, however adjustment of this device for each angle of cut is not practical, and therefore does not adequately control the hazard.

Item (e) of Paragraph A1.5, Cross-cut saws - Docker type, AS1473-1991 states that:

"All saws shall be equipped with a device to limit the travel of the saw blade, so that no part of the blade will be closer than 50mm horizontally to the front of the saw bench. Note: This requirement may be met by the provision of semicircular or similar extension of the table at the line of the blade so that the required clearance is obtained."



WARNING: Operators risk serious injury if the saw blade passes the edge of the saw bench. Immediate action should be taken to control this hazard on all CXM, CXTM, and CSS saws.

The semi-circular addition to the saw bench may effect operator ability reach to timber and the saw. To prevent risk to operators, saw owners must assess and control introduced hazards such as excessive reach to the saw handle and timber. For example, it may be necessary to relocate or extend the saw handle.

In addition to this, changes have been made to the Risk and Hazard Analysis for these saws. These changes may effect operator procedure and plant hazard control measures, and saw owners are advised to read these documents in full.

The changes to the *Risk and Hazard Analysis for CXM Saw* document are as follows:

- Page 1, Maintenance section, line 2, added the word 'low'. It now reads: *"It is recommended that the Saw be cleaned down on completion of each shift with **low** pressure compressed air as well as vacuuming."*
- Page 3, Risk Identification, Section 1.3, line 1, replaced "**crushed**" with "**cut, stabbed, or punctured**". It now reads *"With the required perspex guard fitted, the operator could not be cut, stabbed or punctured due to:....."*



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- Page 5, Risk Assessment, third last line, now reads *"1. The potential for entrapment due to the exposed Saw blade. The likelihood of this occurring is medium."*
 - Page 6, Recommendations, No 1 and No 2 modified, now reads as follows:
 1. *That the Perspex Guard be in place and properly adjusted on the Saw as the operator is otherwise at a very high risk of entrapment.*
 2. *That a semi-circular addition to the saw bench be in place, and the saw stroke limiter be adjusted to prevent the blade travelling within 50mm of the saw bench edge.*

The changes to the *Risk and Hazard Analysis for CXTM Saw* document are as follows:

- Page 2, Maintenance section, line 2, added the word 'low'. It now reads: *"It is recommended that the Saw be cleaned down on completion of each shift with low pressure compressed air as well as vacuuming."*
- Page 3, Risk Identification, Section 1.3, line 1, replaced **"crushed"** with **"cut, stabbed, or punctured"**. It now reads *"With the required perspex guard fitted, the operator could not be cut, stabbed or punctured due to:....."*
- Page 6, Risk Assessment, third last line, now reads *"1. The potential for entrapment due to the exposed Saw blade. The likelihood of this occurring is medium."*
- Page 7, Recommendations, No. 1 and No. 2 modified, now read as follows:
 1. *That the Perspex guard be in place and properly adjusted on the saw as the operator is otherwise at a very high risk of entrapment.*
 2. *That a semicircular addition to the saw bench be in place and the saw stroke limiter be adjusted to prevent the blade travelling within 50mm of the saw bench edge.*

HAZARD CONTROL MEASURES

These hazards can be controlled in the following way:

- Fitting of a semicircular section to the saw benchtop, and adjusting the saw stroke limiter to prevent the saw blade from travelling closer than 50mm to the edge of the saw bench.
- Read the updated Risk and Hazard Analysis documents and incorporate changes into plant controls and procedures as required.

As a possible solution, MiTek drawing No. 265-00102 contains a bench top design that includes the semi-circular extension as mentioned in AS1473-1991.

IMMEDIATE ACTION REQUIRED

Owners of CXM, CXTM & CSS Saws should implement the above-mentioned control procedures immediately.

Queries regarding this Hazard Notice should be directed to the Machinery Support Engineer at MiTek Australia Ltd on Ph: 9730 5555. Written on 19-1-2001.