

Australian Standard™

Wood processing machinery—Safety

**Part 4: Finishing machinery—
Bandsawing machines**



This Australian Standard was prepared by Committee SF-007, Guarding of Woodworking Machinery. It was approved on behalf of the Council of Standards Australia on 14 August 2001 and published on 9 November 2001.

The following interests are represented on Committee SF-007:

Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Woodworking Industry Suppliers Association
Construction, Forestry, Mining and Energy Union
Department for Administrative and Information Services South Australia
Department of Infrastructure, energy and Resources (Tasmania)
Department of Labour New Zealand
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PREFACE

This Standard was prepared by the Standards Australia Committee SF-007, Guarding of Woodworking Machinery as a revision, in part, of AS 1473—1991, *Guarding and safe use of woodworking machinery*.

This Standard is one of a series of Standards dealing with the safety of woodworking machinery, which have been developed as a result of requests from regulatory authorities for a new edition of the Standard.

In common with many of the Standards dealing with safeguarding of machinery, this Standard is based upon a draft released by the European Committee for Standardization, CEN. By using these European drafts, the committee is maintaining consistency with the machinery safeguarding Standards published in Australia.

The Standard specifies the requirements which are unique to bandsaws. The requirements for woodworking machinery which are applicable to all woodworking machines are specified in AS 1473.2, *Wood processing machinery—Safety, Part 2: Finishing machinery—Common requirements*.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an informative Standard is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Wood processing machinery—Safety

Part 4: Finishing machinery—Bandsawing machines

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies the particular requirements for the design, manufacture, guarding and use of bandsawing machines used in the manufacture of components for joinery, furniture and the like. It is to be read in conjunction with AS 4024.1 and AS 1473.2, which contain general requirements.

This Standard does not apply to bandsaws used for the primary milling of logs.

1.2 OBJECTIVE

The objective of this Standard is to provide designers, manufacturers, suppliers and users of bandsaws with the means of minimizing the risks to health and safety of persons working with those machines.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1473	Wood processing machines—Safety
1473.2	Part 2: Finishing machinery—Common requirements
4024	Safeguarding of machinery
4024.1	Part 1: General principles

1.4 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 1473.2 and those below apply.

1.4.1 Bandsawing machine (bandsaw)

A sawing machine with a saw blade in the form of a continuous band mounted on and running between two or more pulleys (see Table 1 and Figure 1.1).

1.4.2 Blade straining

The method of exerting a force on the blade to keep it in position on the pulleys during cutting (see Figure 2.3).

1.4.3 Guard locking

Connecting an interlocked guard to the machine controls so that—

- (a) until the guard is closed the interlock prevents the machine from starting; and
- (b) either the guard remains locked closed until risk of injury from the hazard has passed, or opening the guard causes the hazard to be eliminated before access is possible.