

Australian Standard™

**Wood processing machinery—Safety**

**Part 7: Finishing machinery—Tenoning,  
profiling and edge-banding 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 20 January 2005.  
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The following 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, Tas.  
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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 the safeguarding of machinery this Standard is based upon drafts released by the European Committee for Standardization, CEN. In using these drafts the Committee is maintaining consistency with the machinery safeguarding Standards published in Australia.

This Standard specifies the requirements which are unique to tenoning, profiling and edge-banding machines. The requirements applicable to all woodworking machines are to be found 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’ appendix is only for information and guidance.

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**STANDARDS AUSTRALIA****Australian Standard  
Wood processing machinery—Safety****Part 7: Finishing machinery—Tenoning, profiling and edge-banding machines****SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard specifies additional requirements for the design, manufacture, guarding and use of tenoning, profiling (including automatic feed morticing machines), and edge-banding machines. It is to be read in conjunction with AS 1473.2, which contains general requirements.

**1.2 OBJECTIVE**

The objective of this Standard is to provide designers, manufacturers, suppliers and users of tenoning, profiling and edge-banding machines with the means of minimizing the risks to the health and safety of persons working with or otherwise near tenoning, profiling automatic feed morticing machines and edge-banding machines.

**1.3 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

**AS**

- 1473 Wood processing machinery—Safety
- 1473.2 Part 2: Finishing machinery—Common requirements
- 4024 Safeguarding of machinery
- 4024.1 Part 1: General principles
- 4024.3 Part 3: Manufacturing and testing requirements for electrosensitive systems—  
Optoelectronic devices

**AS/NZS**

- 2211 Laser safety
- 2211.1 Part 1: Equipment classification, requirements and user's guide

**1.4 DEFINITIONS**

For the purpose of this Standard, the definitions below apply.

**1.4.1 Climb cutting**

When the relative direction of the tool to the workpiece is as illustrated in Figure 1.1(b).

**1.4.2 Cuts for jointing structural timbers**

The machined projections including tenons on the end of a workpiece to facilitate the joining of workpieces. Examples of such cuts see Figure 1.2.

**1.4.3 Cutting against the feed**

When the relative direction of the tool to the workpiece is as illustrated in Figure 1.1(a).