

Australian Standard™

Wood processing machinery—Safety

**Part 3: Finishing machinery—Circular
sawing 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
Department of Training and Industrial Relations, Qld
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sawing machines**

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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*.

The Standard is one of a series dealing with the safety of woodworking machinery, which has been developed following requests from regulatory authorities for a new edition of the Standard.

In common with many other Standards dealing with the safeguarding of machinery, the Committee agreed to base the series upon a number of drafts emanating from the European Community. This Standard is therefore based upon a number of drafts dealing with the various forms of circular saws which are available.

The Standard specifies the safety requirements which are unique to circular saws. Additional requirements which are common to all wood-processing finishing machines are given in AS 1473.2, *Wood processing machines—Safety, Part 2: Finishing machinery—Common requirements*. This Standard should be read in conjunction with AS 1473.2.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard Wood processing machinery—Safety

Part 3: Finishing machinery—Circular sawing machines

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies the particular requirements for the design, manufacture, guarding and use of circular sawing machines. 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 circular saws used for the primary milling of logs.

1.2 OBJECTIVE

The objective of this Standard is to provide designers, manufacturers, suppliers, owners and users of circular sawing machines 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 machinery — Safety |
| 1473.2 | Part 2: Finishing machinery—Common requirements |
| 4024 | Safeguarding of machinery |
| 4024.1 | Part 1: General principles |
| 4024.2 | Part 2: Installation and commissioning requirements for electro-sensitive systems—Optoelectronic devices |
| 4024.3 | Part 3: Manufacturing and testing requirements for electro-sensitive systems—Optoelectronic devices |
| 4024.4 | Part 4: Installation and commissioning requirements for electro-sensitive systems—Pressure-sensitive devices |
| 4024.5 | Part 5: Manufacturing and testing requirements for electro-sensitive systems—Pressure-sensitive devices |

AS/NZS

- | | |
|------|---|
| 1020 | The control of undesirable static electricity |
|------|---|

1.4 DEFINITIONS

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

1.4.1 Building site saw (Non-stroking)

A hand fed transportable circular saw bench with a maximum saw blade diameter of 500 mm, mounted on a non-tilting spindle, the position of which remains stationary during machining. (See Figure 1.1.)