

Australian Standard™

Wood processing machinery—Safety

**Part 6: Finishing machinery—Surface
planing and thickening 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 8 February 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, S.A.
Department of Consumer and Employment Protection, W.A.
Department of Infrastructure, Energy and Resources (Tasmania)
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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee SF-007, Guarding of Woodworking Machinery as a revision, in part, of AS 1473—1991, *Guarding and safe use of woodworking machinery*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

It is one of a series dealing with the safety of woodworking machinery, which have been developed following requests from regulatory authorities for a new edition of the Standard. Other Standards in the series are the following.

AS

- 1473.1 Woodprocessing machinery—Safety, Part 1: Primary timber milling machinery
- 1473.2 Woodprocessing machinery—Safety, Part 2: Finishing machinery—Common requirements
- 1473.3 Woodprocessing machinery—Safety, Part 3: Finishing machinery—Circular sawing machines
- 1473.4 Woodprocessing machinery—Safety, Part 4: Finishing machinery—Bandsawing machines
- 1473.5 Woodprocessing machinery—Safety, Part 5: finishing machinery—Moulding machines and routers with rotating tool

In common with many other Standards dealing with safeguarding of machinery, the Committee agreed to base the series on a number of drafts and published Standards emanating from the European Community. This Standard is therefore based upon three published Standards, DIN EN 859:1997, *Safety of woodworking machines, Handfed surface planing machines*, DIN EN 860:1997, *Safety of woodworking machines, One-side thickness planing machines* and DIN EN 861:1997, *Safety of woodworking machines, surface planing and thicknessing machines*.

This Standard specifies the requirements which are unique to surface planing machines thicknessing machines and machines combining both functions. The requirements which are common to all wood processing machines are specified in AS 1473.2 *Wood processing machines—Safety, Part 2: Finishing machinery—Common requirements* and this Standard should be read in conjunction with that Standard.

Statements expressed in mandatory terms in footnotes to tables are deemed to be requirements of this Standard.

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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 OBJECTIVE.....	4
1.3 APPLICATION.....	4
1.4 REFERENCED DOCUMENTS	4
1.5 DEFINITIONS	5
SECTION 2 REQUIREMENTS FOR HAND-FED SURFACE PLANING MACHINES	
2.1 SCOPE OF SECTION	12
2.2 DESIGN OF KNIVES AND CUTTERBLOCKS	12
2.3 WORKPIECE SUPPORTS AND GUIDES	12
2.4 PREVENTION OF ACCESS TO MOVING PARTS	16
2.5 SAFE WORK METHODS.....	22
SECTION 3 THICKNESS PLANING MACHINES	
3.1 SCOPE OF SECTION	31
3.2 PROVISION OF EMERGENCY STOP	31
3.3 DESIGN OF KNIVES AND CUTTERBLOCKS	31
3.4 ANTI-KICKBACK DEVICE	31
3.5 PREVENTION OF ACCESS TO MOVING PARTS	33
3.6 GUARDING OF INTEGRATED FEED MACHINES	33
3.7 GUARDING OF DRIVES.....	34
3.8 CHARACTERISTICS OF GUARDS AND SAFETY DEVICES.....	34
3.9 EMISSION OF CHIPS, DUST AND GASES	34
3.10 SAFE WORKING PRACTICE.....	34
SECTION 4 COMBINED SURFACE PLANING AND THICKNESSING MACHINES	
4.1 SCOPE OF SECTION	36
4.2 PROVISION OF EMERGENCY STOP	36
4.3 DESIGN OF KNIVES AND CUTTERBLOCKS	36
4.4 ANTI-KICKBACK DEVICE	36
4.5 WORKPIECE SUPPORTS AND GUIDES	38
4.6 SURFACING TABLE REQUIREMENTS	38
4.7 THICKNESSING TABLE REQUIREMENTS.....	41
4.8 PREVENTION OF ACCESS TO MOVING PARTS	42
4.9 CHARACTERISTICS OF GUARDS AND SAFETY DEVICES.....	46
4.10 EMISSION OF CHIPS, DUST AND GASES	46
APPENDICES	
A TABLE LIP RESISTANCE TESTS	47
B TESTS FOR GUARDS FOR PLANING MACHINES.....	51
C KICKBACK TEST FOR THICKNESSING MACHINES SAFETY DEVICES	52

STANDARDS AUSTRALIA

Australian Standard
Wood processing machinery—Safety

Part 6: Finishing machinery—Surface planing and thicknessing machines

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies additional requirements for the design, manufacture, safe guarding and use of surface planing and thicknessing machines used in the manufacture of components for furniture, joinery and the like. 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 surface planing and surface thicknessing machinery with the means of minimizing the risks to the health and safety of persons working with them.

1.3 APPLICATION

This Standard is intended for those who design, manufacture, supply, install, use, maintain or modify surface planing and thicknessing machinery.

Alternative methods of providing safety, those given may be used provided that the level of safety offered by the alternative is at least equivalent to that provided by the methods given in this Standard.

Some regulatory authorities have specific requirements relating to the forms that guarding may take and to the order in which guarding techniques may be considered. Users of this Standard should therefore make themselves aware of any specific requirements in the jurisdiction where the machinery will be used.

1.4 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
ISO	
7568	Woodworking machines—Thickness planing machines with rotary cutterblock for one-side dressing—Nomenclature and acceptance conditions
7571	Woodworking machines—Surface planing machines with cutterblock for one-side dressing—Nomenclature and acceptance conditions