

<b>Title</b>	<b>Set a multi-headed shaping machine to produce wooden furniture components</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to prepare to set, and set, a multi-headed shaping machine to produce wooden furniture components.
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<b>Classification</b>	Furniture > Furniture Making
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 This unit standard must be assessed against on-job.
- 2 Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with worksite policies and procedures and manufacturer’s instructions.
- 3 Definitions  
*Manufacturer’s instructions* are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator’s manuals.  
*Worksite policies and procedures* refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor’s instructions.

### Outcomes and performance criteria

#### Outcome 1

Prepare to set a multi-headed shaping machine to produce wooden furniture components.

#### Performance criteria

- 1.1 Job specifications are obtained and explained in accordance with worksite policies and procedures.

Range material, number of components, dimensions of components, shape or template.

- 1.2 Tooling, jig, and material are selected in accordance with job specifications.
- 1.3 Procedure for fitting cutter head and copy collar to the machine is explained in accordance with manufacturer's instructions.
- 1.4 Procedure for changing knives and cutter heads is explained in accordance with manufacturer's instructions.
- 1.5 Method for adjusting the machine is explained in accordance with manufacturer's instructions.
- Range position of cutter head, feed speed, clamp for workpiece.
- 1.6 Machine maintenance requirements are explained in accordance with manufacturer's instructions.
- 1.7 Environmental and safety requirements are met in accordance with worksite policies and procedures.
- Range electrical power, lighting, ventilation, dust extraction.

## Outcome 2

Set a multi-headed shaping machine to produce wooden furniture components.

### Performance criteria

- 2.1 Machine is isolated in accordance with worksite policies and procedures.
- 2.2 Machine is set in accordance with job specifications and manufacturer's instructions.
- Range cutter heads, feed speed.
- 2.3 Jig is set and work piece is clamped in accordance with job specifications.
- 2.4 Test piece is run and any required adjustments are made in accordance with job specifications.
- 2.5 Work area is left, clean, clear, and safe in accordance with worksite policies and procedures.

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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	7 May 1997	31 December 2023
Review	2	26 February 2002	31 December 2023
Review	3	19 June 2009	31 December 2023
Review	4	10 December 2020	31 December 2023

**Consent and Moderation Requirements (CMR) reference**

0173

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.