



Safety of machinery

Part 3701: Forestry machinery — Wood chippers — Safety (EN 13525:2005+A2:2009, MOD)



AS 4024.3701:2020

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The following are represented on Committee SF-041:

- Austmine
- Australian Industry Group
- Australian Institute of Health & Safety
- Australian Manufacturing Technology Institute
- Australian Manufacturing Workers' Union
- Australian Packaging and Processing Machinery Association
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- NSW Department of Planning, Industry and Environment
- SafeWork NSW
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- Swinburne University of Technology
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- Winery Engineering Association (Australia)
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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee SF-41, Safety of 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.

The objective of this Standard is to specify safety requirements and their verification for design and construction of transportable, i.e. self-propelled, mounted, semi-mounted and trailed, wood chippers used in forestry, agriculture, horticulture and landscaping.

This Standard applies to chippers, used when stationary, which are manually loaded with wood through a horizontal or near horizontal infeed chute and where the infeed action is performed by the chipping components acting as infeed components or by separate integrated infeed components such as rollers or chain conveyors integral to the infeed chute. The included wood chippers may be powered either by an external power take-off, hydraulics etc. or by an integral power source such as an internal combustion engine.

This Standard covers all significant hazards, hazardous situations and events relevant to wood chippers, when they are used as intended and under the conditions foreseen by the manufacturer. In addition, it specifies the type of information to be provided by the manufacturer on the safe use of these machines. It is not applicable to environmental hazards (except noise).

This Standard does not cover—

- (a) requirements relating to national road regulations arising from transport between work sites;
- (b) hazards arising from any self-propelled function;
- (c) hazards arising from the transmission of power from an external power source, e.g. power take-off drive shafts;
- (d) any machines where the infeed chute is fitted with an extension table or the integrated chain conveyor is protruding beyond the outermost lower edge of the infeed chute;
- (e) hazards arising from the engine pull starting of an integral power source;
- (f) hazards arising from mechanical loading;
- (g) vertical infeed chute chippers;
- (h) electromagnetic aspects of the chippers;
- (i) shredders/chippers to be covered by EN 13683;
- (j) any machines where the infeed chute is fitted with a belt type conveyor; or
- (k) mechanical discharge systems.

This Standard is an adoption with national modifications, and has been reproduced from, EN 13525:2005+A2:2009, *Forestry machinery — Wood chippers — Safety*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the variations to EN 13525:2005+A2:2009 for the application of this Standard in Australia.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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