

Australian Standard[®]

Agricultural tractor power take-offs

**Part 2: Rear-mounted power take-off
types 1, 2 and 3—Narrow-track tractors,
dimensions for master shield and
clearance zone**



This Australian Standard® was prepared by Committee ME-065, Agricultural Tractors and Machinery. It was approved on behalf of the Council of Standards Australia on 24 May 2007. This Standard was published on 10 August 2007.

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- Department of Consumer & Employment Protection, WorkSafe Division (WA)
 - Department of Labour New Zealand
 - Department of Primary Industries and Fisheries Queensland
 - Federated Farmers of New Zealand
 - NSW Department of Primary Industries
 - National Farmers Federation
 - National Injury Prevention Advisory Council Standards Working Group
 - Safety Institute of Australia (Incorporated)
 - The University of Melbourne
 - The University of Queensland
 - Tractor & Machinery Association of Australia
 - Victorian WorkCover Authority
 - WorkCover New South Wales
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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-065, Agricultural Tractors and Machinery, as a revision, in part, of AS 1121—1983, *Guards for agricultural tractor PTO drives*. 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 provide designers, manufacturers and suppliers of rear-mounted power take-offs with means for reducing the risks to the health and safety of those who must work with or near rear-mounted power take-offs, by providing dimensional and clearance requirements for the master shield for use on narrow-track tractors.

This Standard is identical with and has been reproduced from ISO 500-2:2004, *Agricultural tractors—Rear-mounted power take-off types 1, 2 and 3—Part 2: Narrow-track tractors, dimensions for master shield and clearance zone*.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text ‘this part of ISO 500’ should read ‘this Australian Standard.’
- (c) A full point substitutes for a comma when referring to a decimal marker.

The references to international standards should be replaced by references to the following Australian Standards:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
500	Agricultural tractors—Rear-mounted power take-off, types 1, 2 and 3	1121	Agricultural tractors—Rear-mounted power take-off, types 1, 2 and 3
500-1	Part 1: General specifications, safety requirements, dimensions for master shield and clearance	1121.1	Part 1: General specifications, safety requirements, dimensions for master shield and clearance

Other international references not listed have not been adopted as an Australian/New Zealand Standards.

AUSTRALIAN STANDARD

Agricultural tractor power take-offs

Part 2:

Rear-mounted power take-off types 1, 2 and 3—Narrow-track tractors, dimensions for master shield and clearance zone

1 Scope

This part of ISO 500 specifies the dimensions of the master shield and clearance zones for rear-mounted power take-offs (PTO) of types 1 and 2 on narrow-track (track width 1 150 mm or less) agricultural tractors.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 500-1:2004, *Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone*

ISO 789-1:1990, *Agricultural tractors — Test procedures — Part 1: Power tests for power take-off*

ISO 5673-2, *Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 2: Specification for use of PTO drive shafts, and position and clearance of PTO drive line and PIC for different attachments¹⁾*

ISO 6489-1, *Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 1: Dimensions of hitch-hooks*

ISO 6489-2, *Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 2: Specifications for clevis coupling 40*

ISO 6489-3, *Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 3: Tractor drawbar*

ISO 6489-4, *Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 4: Dimensions of piton-type coupling*

ISO 24347, *Agricultural vehicles — Mechanical connections between towed and towing vehicles — Dimensions of ball-type coupling device (80 mm)²⁾*

1) To be published. (Revision of ISO 5673:1993)

2) To be published.