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STANDARDS
Australia



Earth-moving machinery — Trenchers — Definitions and commercial specifications



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Preface

This Standard was prepared by the Standards Australia Committee ME-063, Earthmoving Equipment.

The objective of this document is to define terms and specify the content of commercial literature specifications for self-propelled trenching machines, and their equipment, as defined in [Clause 3](#).

This document is identical with, and has been reproduced from, ISO 13539:1998, *Earth-moving machinery — Trenchers — Definitions and commercial specifications*.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 13539 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 4, *Commercial nomenclature, classification and rating*.

Australian Standard®

Earth-moving machinery — Trenchers — Definitions and commercial specifications

1 Scope

This International Standard defines terms and specifies the content of commercial literature specifications for self-propelled trenching machines, and their equipment, as defined in [Clause 3](#).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3450:1996, *Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures.*

ISO 5010:1992, *Earth-moving machinery — Rubber-tyred machines — Steering requirements.*

ISO 6014:1986, *Earth-moving machinery — Determination of ground speed.*

ISO 6016:1998, *Earth-moving machinery — Methods of measuring the masses of whole machines, their equipment and components.*

ISO 6165:1997, *Earth-moving machinery — Basic types — Vocabulary.*

ISO 6746-1:1987, *Earth-moving machinery — Definitions of dimensions and symbols — Part 1: Base machine.*

ISO 6746-2:1987, *Earth-moving machinery — Definitions of dimensions and symbols — Part 2: Equipment.*

ISO 7457:1997, *Earth-moving machinery — Determination of turning dimensions of wheeled machines.*

ISO 8812:—¹⁾, *Earth-moving machinery — Backhoe loaders — Definitions and commercial specifications.*

ISO 9249:1997, *Earth-moving machinery — Engine test code — Net power.*

ISO 10265:1998, *Earth-moving machinery — Crawler machines — Performance requirements and test procedures for braking systems.*

3 General definitions

3.1

trencher

self-propelled crawler or wheeled machine, having rear- and/or front-mounted *equipment* ([3.6](#)) [*attachment* ([3.7](#))], primarily designed to produce a *trench* ([3.2](#)) in a continuous operation, through motion of the machine; the attachment can be a digging chain, wheel disc, plough blade, or a similar item [ISO 6165:1997]

3.1.1

pedestrian-operated trencher

trencher ([3.1](#)) controlled by an operator while walking either along side or in line with the machine

1) To be published.