AS ISO 13539:2021 ISO 13539:1998





## Earth-moving machinery — Trenchers — Definitions and commercial specifications



### AS ISO 13539:2021

This Australian Standard® was prepared by ME-063, Earthmoving Equipment. It was approved on behalf of the Council of Standards Australia on 4 June 2021.

This Standard was published on 18 June 2021.

The following are represented on Committee ME-063:

Australian Industry Group
Better Regulation Division — SafeWork NSW
Construction and Mining Equipment Industry Group
Department of Regional NSW
Department of Resources, Qld
Engineers Australia
Institute of Instrumentation, Control & Automation Australia
Minerals Council of Australia
Mining Electrical and Mining Mechanical Engineering Society
University of Queensland

This Standard was issued in draft form for comment as DR AS ISO 13539:2021.

## **Keeping Standards up-to-date**

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting: <a href="https://www.standards.org.au">www.standards.org.au</a>

# Earth-moving machinery — Trenchers — Definitions and commercial specifications

First published as AS ISO 13539:2021.

## **COPYRIGHT**

- © ISO 2021 All rights reserved
- © Standards Australia Limited 2021

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth).

## **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 <u>Clause 3</u>.

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

As this document has been reproduced from an International Standard, the following applies:

- (a) In the source text "this International Standard" should read "this document".
- (b) 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.

## **Contents**

| Pr | eface                                |  | ii  |  |  |
|----|--------------------------------------|--|-----|--|--|
|    |                                      |  |     |  |  |
| 1  | Scope                                |  | 1   |  |  |
| 2  |                                      | ive references   |     |  |  |
| 3  | General definitions                  |  |     |  |  |
| 4  | Types o                              | of trenchers   | 5   |  |  |
| 5  |                                      |  |     |  |  |
| 6  | Commercial literature specifications |  | 15  |  |  |
|    | 6.1                                  | Engine   | 15  |  |  |
|    | 6.2                                  | Ground-drive system  | 15  |  |  |
|    | 6.3                                  | Work-function drive system   | 16  |  |  |
|    | 6.4                                  | Engine Ground-drive system Work-function drive system Steering system Brake system Tyres | 16  |  |  |
|    | 6.5                                  | Brake system   | 16  |  |  |
|    | 6.6                                  | Tyres  | 16  |  |  |
|    | 6.7                                  | LLSCK  | I n |  |  |
|    | 6.8                                  | Hydraulic system   | 16  |  |  |
|    | 6.9                                  | System fluid capacities  | 16  |  |  |
|    | 6.10                                 |  |     |  |  |



| The ic a nee previous i arenace are chare pasheaten at the limit selection | This is a free preview. | Purchase the | entire publication | at the link below: |
|--|-------------------------|--------------|--------------------|--------------------|
|--|-------------------------|--------------|--------------------|--------------------|

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation