

Terminology (including definitions of dimensions and symbols) for earth-moving machinery —

Part 5: Glossary for pipelayers

[ISO title: Earth-moving machinery — Pipelayers — Terminology
and commercial specifications]

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Committees responsible for this British Standard

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- Associated Offices Technical Committee
- Construction Industry Training Board
- Construction Plant-hire Association
- Department of Trade and Industry [Mechanical Engineering and Manufacturing Technology Division (Mmt)]
- Federation of Civil Engineering Contractors
- Federation of Manufacturers of Construction Equipment and Cranes
- Health and Safety Executive
- Institution of Civil Engineers
- Institution of Highways and Transportation
- Ministry of Defence

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National foreword

This Part of BS 6914 has been prepared under the direction of the Road Engineering Standards Committee and is identical with ISO 7136:1986 “*Earth-moving machinery — Pipelayers — Terminology and commercial specifications*”, published by the International Organization for Standardization (ISO).

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following. Wherever the words “International Standard” appear, referring to this standard, they should be read as “Part of BS 6914”.

Cross-references

International Standard	Corresponding British Standard
ISO 6014:1986	BS 5982:1987 <i>Method for determination of ground speed of earth-moving machinery</i> (Identical)
ISO 6165:1978	BS 5718:1979 <i>Glossary of terms for basic types of earth-moving machinery</i> (Identical)
ISO 6746-1:1982	BS 6295 <i>Dimensions and symbols for earth-moving machinery</i> Part 1:1982 <i>Glossary of terms for base machine</i> (Identical)

There is no corresponding British Standard for ISO 9249, which is in the course of preparation and to which reference is made in the text. As this standard is referred to for information only, the validity of this Part of BS 6914 is not affected. The Technical Committee is currently engaged in conjunction with ISO/TC 127 in drawing up an engine test code for earth-moving machinery.

Additional information. It will be noted that **7.9** and **7.10** are headed but lack definitions. It is hoped that in future editions it will be possible to provide such definitions or suitable cross-references.

Clause **7** lists headings for and examples of information which manufacturers should consider including in their commercial literature specifications. A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 10, an inside back cover and a back cover. This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This International Standard establishes terminology and the content of commercial literature specifications for self-propelled crawler pipelayers.

2 Field of application

This International Standard applies to crawler pipelayers as defined in clause 4.

3 References

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

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

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

ISO 9249, *Earth-moving machinery — Engine test code — Net power*¹⁾.

4 General definitions

4.1

pipelayer

self-propelled crawler machine specifically designed to handle and lay pipes and carry pipeline equipment. The machine, the design of which is based on a crawler tractor, has specially designed components such as undercarriage, main frame, counterweight, boom and load hoist mechanism, and vertically pivotable side boom

4.2

base machine

pipelayer without equipment as described by the manufacturer specifications, i.e. with track shoes of stated width and lifting mechanism

4.3

equipment

set of components (boom and counter weights mounted to the base machine to fulfil the primary design function

4.4

attachment

optional assembly of components that can be mounted on the base machine for a specific use

4.5

component

part or an assembly of parts of a base machine, equipment or an attachment

5 Base machine

5.1 Basic form of pipelayer (see Figure 1)

5.2 Dimensions (see Figure 2)

For definitions of dimensions of base machine, see ISO 6746-1.

For definitions of dimensions strictly related to pipelayers, see the Annex.

¹⁾ At present at the stage of draft.