



BSI Standards Publication

Tyre classification — Agricultural, forestry and construction machines

National foreword

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**Tyre classification — Agricultural,
forestry and construction machines**

*Classification des pneumatiques — Machines agricoles, engins
forestiers et engins de construction*



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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.

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 5, *Agricultural tyres and rims*.

Tyre classification — Agricultural, forestry and construction machines

1 Scope

This document specifies the classification codes for agricultural and forestry tractors and machines.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 4223-1, *Definitions of some terms used in the tyre industry — Part 1: Pneumatic tyres*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4223-1 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Tyre classification and tyre nomenclature

Definitions of tyres depending on their purpose are given in [Table 1](#).

Nomenclature and classification code markings are given in [Table 2](#).

The classification code is not part of the size marking and its use is optional. When used, the code shall be clearly separated from the size marking on the tyres.

Table 1 — Definition of tyres depending on their purpose

| | |
|-----------------------------------|--|
| Tractor-drive wheel tyre | A tyre designed to be fitted to driven axles of agricultural and forestry tractors suitable for sustained high torque service. |
| Tractor-steering wheel tyre | A tyre designed to be fitted to non-driven axles of agricultural and forestry tractors. |
| Implement tyre | A tyre designed primarily for agricultural machines or implements or for agricultural trailers that is not suitable for sustained high torque service. |
| Traction tyre | A tyre designed primarily for the equipment of driven (trailed) axles of implements or agricultural machinery, excluding sustained high torque services. |
| Trailer tyre | A tyre designed for the equipment of non-driven (trailed) axles of implements agricultural machinery or trailers. |
| Logging and forestry service tyre | Special design agricultural tyre suitable for forestry application. |
| High flotation tyres | A class of tyres designed with larger volume that may provide lower surface contact pressure than tyres with similar overall diameters typically with a three-part size designation. (Nominal overall diameter × Nominal section width – Rim diameter code) |