

Road construction and maintenance equipment — Chippings spreaders — Terminology and commercial specifications

ICS 91.220

National foreword

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The UK participation in its preparation was entrusted to Technical Committee B/513, Construction equipment and plant, and site safety, which has the responsibility to:

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- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Road construction and maintenance equipment — Chippings spreaders — Terminology and commercial specifications

*Équipement pour la construction et l'entretien des routes —
Gravillonneuses — Terminologie et spécifications commerciales*



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Foreword

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Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 15644 was prepared by Technical Committee ISO/TC 195, *Building construction machinery and equipment*.

Introduction

This International Standard deals with chippings spreaders used in road construction and surface coating.

A chippings spreader is a machine used to spread a layer of chippings on the pavement at a predetermined rate.

This International Standard describes the performance characteristics and methods of operation of chippings spreaders and their components. It also provides their definitions and technical characteristics. It includes figures explaining the principles of machine operation and showing the main dimensions related to the machine's performance.

Road construction and maintenance equipment — Chippings spreaders — Terminology and commercial specifications

1 Scope

This International Standard establishes the terminology and determines the type of technical and commercial specifications for chippings spreaders.

This International Standard is applicable to chippings spreaders intended for road construction and surface coating.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, this publication do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

EN 13020, *Road-surface treatment machines — Safety requirements*

3 Terms and definitions

For the purposes of this International Standard, the following terms and definitions apply.

3.1

chippings spreader

machine used to spread a layer of chippings on the pavement at a pre-determined rate

NOTE A chippings spreader may be defined by its operating principle. Three types of chippings spreaders may be identified: transported, self-propelled and pushed by tipper truck.

3.2

transported chippings spreader

machine equipped with chippings spreading device mounted on the rear of a truck or semi-trailer

NOTE The chippings spreading device can be provided with rollers [delivery, see Figure 2 a) or spreading, see Figure 3 a)]. Chippings may be distributed also from the dumping body bottom by gravity [Figure 3 b)].

3.3

self-propelled chippings spreader

self-propelled machine provided with delivery roller

cf. Figure 2 a)