
**Road construction and maintenance
equipment — Asphalt pavers —
Terminology and commercial
specifications**

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



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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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ISO 15878 was prepared by Technical Committee ISO/TC 195, *Building construction machinery and equipment*.

Road construction and maintenance equipment — Asphalt pavers — Terminology and commercial specifications

1 Scope

This International Standard deals with asphalt pavers used in road construction and maintenance processes.

It provides terminology for the machine and its components, and also gives operation principles and commercial specifications and establishes parameters for technical characteristics.

2 Normative references

The following referenced documents are indispensable for the application 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 3046-1:2002, *Reciprocating internal combustion engines — Performance — Part 1: Declarations of power, fuel and lubricating oil consumptions, and test methods — Additional requirements for engines for general use*

ISO 3911:2004, *Wheels and rims for pneumatic tyres — Vocabulary, designation and marking*

3 Terms and definitions

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

3.1

asphalt paver

mobile machine intended for placement and pre-compaction of concrete asphalt mixes using the floating/self levelling screed method

NOTE 1 Equipment normally consists of a tractor unit and a free floating screed.

NOTE 2 See also 2.4.3 of ISO 22242:2005.

3.2

adjustable width strike off

movable blade at the leading edge of a fixed screed for varying screed width

NOTE For an example, see Figure A.5.

3.3

apron

area of the hopper in front of the conveyor

NOTE For an example, see Figure A.9.