
**Machinery for forestry — Mobile and
self-propelled machinery — Terms,
definitions and classification**

*Matériel forestier — Machines mobiles et automotrices — Termes,
définitions et classification*



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Foreword

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ISO 6814 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 15, *Machinery for forestry*.

This third edition cancels and replaces the second edition (ISO 6814:2000), which has been technically revised.

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Machinery for forestry — Mobile and self-propelled machinery — Terms, definitions and classification

1 Scope

This International Standard defines terms corresponding to, and gives guidance for the classification of, mobile and self-propelled machinery used in forestry and related operations. Both the definitions and the classification have been determined according to the end use of the machines as intended by the manufacturer. The terms and definitions do not cover all possible forestry and related operations or machinery, nor do they describe specific machines, but are given as an aid to nomenclature.

This International Standard is applicable to machines designed for use in forestry for site preparation, planting, harvesting, processing, and the transport of wood and wood fibre. It is not applicable to machines designed to be used exclusively in sawmills or wood yards, to on-highway transport vehicles, or to aerial vehicles.

2 Terms and definitions

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

2.1 Site preparation, planting and maintenance operations

2.1.1

ground preparation bedding

preparation of the soil surface to provide a location for planting

2.1.2

chopping

breaking down material into shorter pieces

2.1.3

cleaning

selective removal of unwanted shrubs and trees without use of the wood

2.1.4

clearing

removing unwanted residues (logging waste), shrubs, trees and stumps

2.1.5

grubbing

removing trees and stumps from an area by severing below the ground surface, lifting, and pushing into piles

2.1.6

mulching

reduction of trees, brush or parts of trees on site with a grinding or shredding action, leaving the resulting material on the forest floor