



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 50144-2-16:2003**

ICS 25.140.99

**SAFETY OF HAND-HELD ELECTRIC MOTOR  
OPERATED TOOLS  
PART 2-16: PARTICULAR REQUIREMENTS  
FOR TACKERS**

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EUROPEAN STANDARD

**EN 50144-2-16**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

**Safety of hand-held electric motor operated tools  
Part 2-16: Particular requirements for tackers**

Sécurité des outils électroportatifs  
à moteur  
Partie 2-16: Règles particulières  
pour les agrafeuses

Sicherheit handgeführter  
motorbetriebener Elektrowerkzeuge  
Teil 2-16: Besondere Anforderungen  
für Eintreibgeräte

This European Standard was approved by CENELEC on 2003-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

This European Standard has been prepared by the Technical Committee CENELEC TC 61F, Safety of hand-held and transportable motor-operated electric tools. The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50144-2-16 on 2003-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2004-02-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2006-02-01

This standard is divided into two parts

Part 1 General requirements which are common to most hand-held electric motor-operated tools  
(for the purpose of this standard referred to simply as tools)

Part 2 Requirements for particular types of tools which either supplement or modify the  
requirements given in Part 1 to account for the particular hazards and characteristics of  
these specific tools.

This European Standard has been prepared under a mandate given to CEN/CENELEC by the European Commission and the European Free Trade Association and supports the essential health and safety requirements of the Machinery Directive.

Compliance with the relevant clauses of Part 1 together with this Part 2 provides one means of conforming with the specified essential health and safety requirements of the Directive.

For noise and vibration, this standard covers the requirements for their measurement, the provision of information arising from these measurements and the provisions of information about the personal protective equipment required.

Specific requirements for the reduction of the risk arising from noise and vibration through the design of the tool are not given as this reflects the current state of the art.

CEN/TC 255 has produced standards for non electric tackers (EN 792-13).

**Warning:** Other requirements arising from other EC Directives can be applicable to the products falling within the scope of this standard.

This standard follows the overall requirements of EN 292-1 and EN 292-2.

Subclauses, tables and figures which are additional to those in Part 1 are numbered starting from 101.

NOTE In this standard the following print types are used:

- requirements proper;
- *test specifications*;
- explanatory matter.

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## 1 Scope

This clause of Part 1 is applicable except as follows:

*Addition:*

This standard applies to tackers.

## 2 Definitions

This clause of Part 1 is applicable except as follows:

**2.2.18** *Replacement:*

### **2.2.18**

#### **normal load**

load applied to the tool when it is operated at rated voltage or at the upper limit of the rated voltage against wood or a similar material, at the rate corresponding to the number of operations per minute or per second marked on the nameplate and with fasteners (such as pins, nails or staples) specified by the manufacturer

*Additional subclause:*

### **2.2.101**

#### **tacker**

tool in which the supply energy is applied in a linear movement to a loaded fastener like metal pins, nails or staples for the purpose of driving them into defined materials. During the driving operation the fastener leaves the tool partially or completely

## 3 General requirements

This clause of Part 1 is applicable.

## 4 General conditions for the tests

This clause of Part 1 is applicable.

## 5 Rating

This clause of Part 1 is applicable.

## 6 Classification

This clause of Part 1 is applicable.

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