

DIN EN 16228-4



ICS 93.020

Supersedes
DIN EN 16228-4:2014-10

**Drilling and foundation equipment –
Safety –
Part 4: Foundation equipment;
English version EN 16228-4:2014+A1:2021,
English translation of DIN EN 16228-4:2022-07**

Geräte für Bohr- und Gründungsarbeiten –
Sicherheit –
Teil 4: Geräte für Gründungsarbeiten;
Englische Fassung EN 16228-4:2014+A1:2021,
Englische Übersetzung von DIN EN 16228-4:2022-07

Machines de forage et de fondation –
Sécurité –
Partie 4: Machines de fondation;
Version anglaise EN 16228-4:2014+A1:2021,
Traduction anglaise de DIN EN 16228-4:2022-07

Document comprises 21 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This standard includes safety requirements.

This document (EN 16228-4:2014+A1:2021) has been prepared by Technical Committee CEN/TC 151 “Construction equipment and building material machines — Safety” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Maschinenbau* (DIN Standards Committee Mechanical Engineering), Working Committee NA 060-13-03 AA “Drilling and foundation equipment” of Section “Construction equipment and building material machines”. Representatives of manufacturers and users of drilling and foundation equipment, and of the employers’ liability insurance associations contributed to this standard.

This standard contains specifications which give detail to the essential requirements set out in Annex I of the “Machinery Directive”, Directive 2006/42/EC, and which apply to machines that are either first placed on the market or commissioned within the EEA. This standard serves to facilitate proof of compliance with the essential requirements of that directive.

Once this standard is cited in the Official Journal of the European Union, it is deemed a “harmonized” standard, and, thus, a manufacturer applying this standard may assume compliance with the requirements of the Machinery Directive (“presumption of conformity”).

For current information on this document, please go to DIN’s website (www.din.de) and search for the document number in question.

Amendments

This standard differs from DIN EN 16228-4:2014-10 as follows:

- a) normative references have been updated and adapted throughout the text;
- b) Table 1 “List of significant hazards and associated requirements” in Clause 4 has been replaced;
- c) 5.1 “General” has been modified;
- d) 5.2 “Rigid body stability” has been modified;
- e) 5.4 “Operating positions” has been included;
- f) 5.4 “Moving parts involved in the process” is now 5.5 and has been modified;
- g) 5.7 “Auxiliary equipment for piling rig” has been included;
- h) 5.8 “Noise” has been included;
- i) Table 3 in Clause 6 “Verification of safety requirements and/or protective measures” has been adapted;
- j) Clause 7 “Information for use – operator’s manual” has been modified;
- k) Clause A.3 “Rotary piling rig” has been adapted;
- l) Annex ZA has been replaced.

Previous editions

DIN 24096: 1987-06
DIN EN 791: 1996-01, 2010-01
DIN EN 996: 1996-04, 2010-02
DIN EN 996/A1: 2000-03
DIN EN 996/A2: 2003-11
DIN EN 16228-4: 2014-10