DIN EN 12629-7:2011-03 (E)

Machines for the manufacture of constructional product s from concrete and calcium-silicate - Safety - Part 7: Stationary and mobile equipment for long line manufacture of prestressed products (includes Amendment A1:2010)

Contents

Page

Foreword ... 3

Introduction ... 4

1 Scope ... 5

2 Normative references ... 6

3 Terms and definitions ... 7
3.1 Products ... 7
3.2 Equipment ... 8

4 List of significant hazards ... 11

5 A1 Safety requirements and/or protective measures A1 ... 26
5.1 General ... 26
5.2 Layout - Circulation - Means of access ... 27
5.3 Control of the machines, modes of operation ... 27
5.4 Safety of machines and working equipment - General ... 27
5.5 Noise and vibration ... 28
5.6 Additional requirements for specific machines and equipment ... 28
5.7 Summary of the safety measures given in relation to the significant hazards listed in clause 434

6 A1 Verification of safety requirements and/or protective measures A1 ... 65

7 Information for use – Instruction handbook ... 66
7.1 Introduction ... 66
7.2 General information ... 66
7.3 Minimum recommendations for use of the machines ... 67

8 Marking ... 68

Annex A (informative) Pre-stressing bed ... 69

Annex B (informative) Bed sweeper, vacuum cleaner, oiler, wire-guide machine ... 74

Annex C (informative) Bed layout machine ... 76

Annex D (informative) Strand pushing/pulling machine ... 78

Annex E (informative) Spinner, extruder, vibrodistributor ... 80

Annex F (informative) Tarpaulin paying out and winding in machine ... 82

Annex G (informative) Sawing machine ... 84

Annex H (informative) Trilingual list of terms relative to pre-stressing manufacturing products and equipment ... 86

Annex ZA (informative) A1 Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC A1 ... 88