

Contents

	page
Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	6
3 Terms and definitions	7
4 A1 List of significant hazards A1	9
5 A1 Safety requirements and/or protective measures A1	17
5.1 General.....	17
5.2 A1 Layout - Circulation - Means of access A1	17
5.3 A1 Control stations (see 4.11.8 of EN ISO 12100-2:2003 and 5.3.4, 5.3.5 of EN 12629-1:2000+A1:2010) A1	18
5.4 Emergency stops.....	18
5.5 Operating mode	18
5.6 Module A: Manufacturing.....	19
5.7 Module B: storage-hardening.....	19
5.8 Module C: Palletising and packaging of final products and defective products disposal station (see also 5.2 of A1 EN 12629-1:2000+A1:2010 A1).....	20
5.9 Noise	21
5.10 Summary of the safety measures given in relation to the significant hazards listed in Clause 4	21
6 A1 Verification of safety requirements and/or protective measures A1	25
7 Information for use	26
7.1 General.....	26
7.2 Instruction handbook	27
7.3 Marking	28
Annex A (informative) Manufacturing process on machines with or without turnover	29
Annex B (informative) Terminology and hazard zones relative to the various types of machines	30
Annex ZA (informative) A1 Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC A1	34
Bibliography	35