

# DIN EN 13035-5:2006-11 (E)

## Machines and plants for the manufacture, treatment and processing of flat glass - Safety requirements - Part 5: Machines and installations for stacking and de- stacking

---

<b>Contents</b>	<b>Page</b>
Foreword .....	3
Introduction .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	7
4 List of significant hazards .....	7
5 Safety requirements and/or protective measures .....	9
6 Verification of safety requirements and/or protective measures .....	11
7 Information for use .....	12
Annex A (informative) Examples of typical constructions of machines and installations for stacking and de-stacking .....	14
Annex B (informative) Example of electrical interlocking of movable guard (guard closed) .....	20
Annex C (informative) Example of electrical interlocking with guard locking .....	21
Annex D (informative) Example of stopping operation by safety equipment with electronically controlled braking .....	22
Annex E (informative) Protection to prevent broken glass from falling out laterally .....	23
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC .....	24
Bibliography .....	25
Tables Table 1 -- List of significant hazards .....	8
Table 2 -- Individual testing for requirements stated in Clause 5 .....	12