

DIN EN 1010-2:2006-06 (E)

Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 2: Printing and varnishing machines including pre-press machinery

Contents	Page
Foreword	3
1 Scope	5
2 Normative references	6
3 Terms and definitions	7
4 List of significant hazards	10
5 Safety requirements and/or measures	15
5.1 General	15
5.2 Pre-press machinery	15
5.3 Sheet-fed printing presses and varnishing machines (except screen printing presses)	17
5.4 Web-fed rotary printing presses and varnishing machines	29
5.4.1 General	29
5.5 Screen printing presses	35
5.6 Auxiliary devices for printing and varnishing machines	39
5.6.1 General	39
5.6.2 Cylinder and roller washing devices	39
5.6.3 Continuous-flow drying devices	40
5.6.4 Powder spraying devices	41
5.6.5 Auxiliary devices on inking and damping units	41
5.6.6 Plate clamping devices	42
5.6.7 Washing equipment for printing forms, rollers and doctor blades	42
5.6.8 Pile turners	43
5.6.9 Measuring and control devices	44
6 Verification of safety requirements and/or measures	45
7 Information for use	49
7.1 Instruction handbook	49
7.1.1 Pre-press machinery	49
7.1.2 Sheet-fed printing presses and varnishing machines	49
7.1.3 Web-fed rotary printing presses and varnishing machines	50
7.1.4 Screen printing presses	50
7.1.5 Automatic cylinder and roller washing device	50
7.1.6 Continuous-flow drying devices	51
7.1.7 Alcohol-dosing devices	51
7.1.8 Washing equipment for printing forms, rollers and doctor blades	51
7.1.9 Pile turners	51
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC	52
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 94/9/EC	53
Bibliography	56