
**Graphic technology — Safety
requirements for graphic technology
equipment and systems —**

Part 4:
Converting equipment and systems

*Technologie graphique — Exigences de sécurité pour les systèmes et
l'équipement de technologie graphique —*

Partie 4: Systèmes et équipement de façonnage



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	v
Introduction.....	vi
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions	2
4 Equipment covered by this part of ISO 12643	2
4.1 General	2
4.2 Machines used primarily in a converting operation	2
4.3 Machines used in both printing and converting processes	2
5 Machinery for the production of corrugated board	3
5.1 All machines	3
5.2 Unwinding stations	4
5.3 Splicers.....	6
5.4 Preheater	7
5.5 Single facer	9
5.6 Inclined belt conveyer.....	14
5.7 Bridge	14
5.8 Braking and web aligning section	15
5.9 Gluing machine.....	15
5.10 Heating and pulling section.....	16
5.11 Rotary shear unit	18
5.12 Pulling unit	18
5.13 Slitter-scorer units.....	19
5.14 Web diverter	20
5.15 Sheeters.....	20
5.16 Stacker devices	21
6 Folding box gluer machines.....	25
6.1 Entire machine	25
6.2 Feeder	25
6.3 Folding section	25
6.4 Gluing section.....	27
6.5 Folding belt	27
6.6 Pressing section	28
7 Pre-feeders	29
7.1 Pre-feeder with pile carrier plate.....	29
7.2 Pre-feeder with pile turner	30
8 In-line machines	32
8.1 Entire machine	32
8.2 Feeding unit	33
8.3 Printing unit	35
8.4 Slitter-scorer unit, rotary die-cutter	36
8.5 Folding unit (folding box gluer)	36
8.6 Taping unit	37
8.7 Stitching unit.....	37
9 Automatic flatbed die-cutting machines.....	38
9.1 Entire machine	38
9.2 Feeder	39