

by Pietro Bellini, Ferruccio Bonetti, Ester Franzetti, Giuseppe Rosace, Sergio Vago

Handbook of Textile Technologies



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Pietro Bellini
Ferruccio Bonetti
Ester Franzetti
Giuseppe Rosace
Sergio Vago



Ente Morale dell'Associazione Costruttori Italiani di Macchinario per l'Industria Tessile
Moral body of the Italian Association of Textile Machinery Producers

Via Tevere 1, 20123 Milano (Italia)
Tel. +39 024693611, fax +39 0248008342
e-mail: info@acimit.it, <http://www.acimit.it>

TECHNOLOGIES
REFERENCE BOOKS OF TEXTILE MACHINERY
for the spinning

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Foreword

I am pleased to present the third edition, extensively revised and updated by the Authors, of the fifth “Notebook” on textile machine technologies in the textile finishing sector, which Fondazione ACIMIT decided to prepare for the use of the Italian textile technical institutes and of the universities with degree courses in textile engineering.

The exigence of working out these Notebooks emerged in 1999 from a series of meetings which Fondazione ACIMIT started with the headmasters of various technical Institutes and with their teachers within several initiatives aimed at intensifying the relations of this Foundation with the school world.

In fact we were informed that the text-books available at that time were no more abreast of the steady and rapid technological development which had characterized the textile sector in these years.

In order to publish Notebooks which respond as much as possible to students’ learning needs, Fondazione ACIMIT decided, in accordance with the schools’ headmasters, to entrust a group of teachers of their Institutes with the realization of these Notebooks, a demanding task which they accepted with great enthusiasm.

The success of this initiative – the total run exceeded 16.000 copies - convinced us also of the opportunity to translate the Notebooks into English, Chinese and Arab in order to ensure their circulation also with the leading foreign textile institutes and universities, in particular in the countries with high textile vocation.

We shall highly welcome any suggestion and correction presented by teachers, company technicians, etc., which can permit us to improve these publications and to enhance their efficacy.

October 2006

Paolo Banfi, President of Fondazione ACIMIT

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- ITIS Buzzi – Prato
- ITIS Carcano – Como
- ITIS Casale – Torino
- ITIS Facchinetti – Busto Arsizio (Varese)
- ITIS Leonardo da Vinci – Carpi (Modena)
- ITIS Leonardo da Vinci – Napoli
- ITIS Marzotto – Valdagno (Vicenza)
- ITIS Paleocapa – Bergamo
- ITIS Q. Sella – Biella
- ITIS Varese – Varese

Without the prompt and active co-operation of headmasters and teachers of these Institutes, the publication of these Notebooks would have been never possible.

* * *

In particular, the “Finishing” Notebook was written by following teachers:

- Prof. Pietro Bellini
Graduate in 1974 in Chemistry at the Università Statale di Milano; from 1977 teacher of Textile Chemistry and Fabric Finishing at the technical institute ITIS Carcano in Como and since 1994 teacher at this institute of Dyeing Chemistry; contributor to the association “Tessile di Como”.
- Prof. Ferruccio Bonetti
Graduated in 1975 in Chemical Engineering at Politecnico di Milano. Since 1983 teacher of Dyeing Technologies and Textile Finishing at the technical institute Paleocapa in Bergamo. Since 1999 teacher of “Textile and Dyeing Chemistry” within the curriculum for Textile Engineering degree at the Università di Bergamo.
- Prof. Ester Franzetti
Graduated in Chemistry and Pharmaceutical Technologies at the Università di Milano; since 1985 teacher of Chemistry, Textile Chemistry and Textile Finishing at the technical institute ITIS Varese in Varese.
- Prof. Giuseppe Rosace
Graduated in 1991 in Chemistry at the Università di Messina; in 1995 doctor’s degree in Chemical Sciences at the Università di Bologna. Since 1996 teacher of Textile Chemistry at the technical institute ITIS Paleocapa in Bergamo. Since 2001 teacher of “Finishing technologies for textile materials” within the curriculum for Textile Engineering at the Università di Bergamo.
- Prof. Sergio Vago
Graduated in 1976 in Chemical Engineering at the Politecnico di Milano. From 1978 to 1991 teacher at the technical institute ITIS Carcano in Como, where he teaches Dyeing Chemistry since 1998.

ACIMIT Foundation wish to thank all above mentioned eminent personalities for their extensive and enthusiastic contribution.

Table of Contents

INTRODUCTION	page 1
The textile finishing cycle	“ 2
Wool finishing cycles	“ 3
Cotton finishing cycles	“ 5
Silk finishing cycles	“ 6
Man-made fibres finishing cycles	“ 7
PRE-DYEING TREATMENTS	“ 8
Singeing	“ 8
Desizing	“ 10
Scouring	“ 10
Bleaching	“ 11
Mercerizing	“ 13
Chlorination	“ 15
Carbonizing	“ 15
Oiling	“ 17
Fulling and washing-milling	“ 17
Silk weighting	“ 21
Heat-setting	“ 23
Decortication	“ 24
Treatments on elastane-blended fabrics	“ 24
Washing	“ 25
Drying	“ 31
THE COLOUR	“ 43
Colour matching cycle	“ 54
DYEING	“ 55
Exhaust dyeing	“ 56
Pre-dyeing and dyeing machines	“ 63
Autoclaves	“ 66
Cabinet machines	“ 71
Arm machines	“ 72
Winch machines	“ 73
Jet machines	“ 75
Overflow machines	“ 78
Air jet machines	“ 82
Jiggers	“ 85
Beam dyeing machines	“ 86
Garment dyeing machines	“ 87
Dye kitchens	“ 89
Pad dyeing machines	“ 90

PRINTING “ 96

Printing methods	“ 97
Printing machines	“ 102
Steaming machines	“ 108
Washing machines for printed fabrics	“ 111
Developments in screen/ cylinder engraving and textile printing techniques	“ 117
Ink jet printing	“ 119

TEXTILE FINISHING “132

Mechanical finishing treatments	“ 133
Calendering	“ 133
Embossing	“ 138
Suede finishing	“ 138
Raising	“ 140
Glazing	“ 145
Shearing	“ 146
Dimensional stabilisation	“ 147
Crabbing	“ 150
Decating	“ 153
Steaming	“ 156
Chemical finishing	“ 159
Softening	“ 166
Crease-proof finishing	“ 169
Flameproof finishing	“ 173
Hydrophobic, oil-proof and water-proof finishing	“ 176
Soil-repellent finishing	“ 180
Anti-static treatment	“ 183
Mothproof finishing	“ 184
Antibacterial finishing	“ 184
Plasma treatment	“ 187
Laser treatments	“ 191
Enzyme treatments	“ 195
Finishing of ready-made denim garments	“ 203
Influence of finishing treatments on dyed goods	“ 209

ACCESSORIES “212

AUTOMATION IN TEXTILE FINISHING “218

Foreword	“ 218
Colour analysis and control	“ 219
Process controllers	“ 222
Production managing systems	“ 223
Automated dye kitchens	“ 225
Automated storage	“ 231
Handling and robotisation systems	“ 232
Machine monitoring systems	“ 235

FINISHING TERMINOLOGY	“238
DYEING TERMINOLOGY.....	“241
NOTICES ON LABORATORY TECHNIQUES.....	“243