

HOW SHOES ARE MADE

CHAPTER 1 : THE SHOE DESIGN PROCESS.....	1
Two types of design briefs	
Get started drawing shoes	
CHAPTER 2 : FOOTWEAR SPECIFICATION DRAWINGS.....	17
How to make a factory ready specification drawing	
What to include in a specification	
CHAPTER 3 : MAKING FOOTWEAR PATTERNS.....	25
Shoe designer vs. pattern maker	
The pattern maker's challenge	
CHAPTER 4 : SHOE SPECIFICATION DOCUMENTS.....	39
Parts of a shoe spec	
How to detail a spec sheet	
CHAPTER 5 : OUTSOLE TOOLING DESIGN	45
Footwear outsole types	
Outsole blueprints and tooling development	
CHAPTER 6 : FOOTWEAR DEVELOPMENT PROCESS.....	61
Footwear sample making	
Development samples phases	
CHAPTER 7 : FOOTWEAR PRE-PRODUCTION.....	65
Production size grade	
Production cutting equipment	
CHAPTER 8 : SHOE MATERIAL PREPARATION.....	69
Material cutting	
Logo printing and preparations	
CHAPTER 9 : UPPER STITCHING OPERATIONS.....	79
The stitching room	
Stitching order of operations	
CHAPTER 10 : OUTSOLE RUBBER PRESSING.....	89
Mixing rubber materials	
Rubber molds and pressing	
CHAPTER 11 : EVA MIDSOLE FORMING.....	109
What EVA is made from	
EVA pressing operations	
CHAPTER 12 : THE SHOE ASSEMBLY LINE.....	115
Cold cement shoe construction	
Vulcanized shoe construction	
CHAPTER 13 : THE SHOE LAST.....	141
Shoe last shapes	
How lasts are made	

HOW SHOES ARE MADE

CHAPTER 14 : FOOTWEAR COSTING.....	155
Where does the money go?	
Reading a factory cost sheet	
CHAPTER 15 : LOGO DESIGN FOR SHOES.....	161
What is the right logo for your shoe?	
Shoe logo constructions	
CHAPTER 16 : LEATHER FOR SHOES.....	165
Leather basics	
Common leather for shoes	
CHAPTER 17 : TEXTILES FOR SHOES.....	173
Fabric weaves	
Backing and surface treatments	
CHAPTER 18 : SYNTHETICS FOR SHOES.....	177
Synthetic types	
Application on shoes	
CHAPTER 19 : FOAM FOR SHOES.....	181
Foam types, open vs. closed	
Foam compounds, densities, and use in shoes	
CHAPTER 20 : KNOW YOUR FOOTBEDS.....	185
Footbed parts	
Material types for shoes	
CHAPTER 21 : FOOTWEAR MATERIAL SUPPLIERS.....	187
Working with material suppliers	
List of top shoe material suppliers	
CHAPTER 22 : SHOE DESIGNERS TOOLS.....	191
The Pantone™ color system	
Common tools of the trade	
CHAPTER 23 : JOBS IN THE SHOE TRADE.....	195
Getting started in the trades	
There is a job for you	
CHAPTER 24 : QUALITY CONTROL.....	197
How to grade shoe quality	
Standard shoe inspection procedure	
CHAPTER 25 : LIFE AT A SHOE FACTORY.....	203
Look inside a real factory	
Working conditions	
CHAPTER 26 : SHOE MAKING DICTIONARY.....	207
Shoemaking terms you should know	
Shoe parts diagram	