

LabelSystem DC-M

Stand-alone die-cutter for high-quality small and medium runs, with manual loading



Description LabelSystem DC-M

POLAR's stand-alone die-cutter DC-M is extremely flexible, easy to operate and provides maximum die-cutting accuracy and a variety of shapes and sizes.

The workflow:

First of all the material to be die-cut is cut into label stacks by a high-speed cutter.

The printed label stack is manually deposited in the feeder tray, then automatically moved in front of the stamping punch which presses it through the cutting die (punch-and-die principle). This gives the label its intended shape. A delivery chute takes the die-cut final products to the exact position on the packing table.

Customer benefits

- Easy set-up of the cutting die off the machine, thanks to the alternate-frame system
- OnePunchRegister permits to adjust the cutting die to the printed image with only one pack
- Motorized precision adjustment of the cutting die allows to work at the machine without any tools
- Maximum die-cutting precision and high lifts are ensured, because the die-cutting material is aligned on four sides
- Large format range

Technical data

Label size min. ¹	28 x 40 mm 0,79 x 1,57 in
Label size max.	170 x 210 mm 6,69 x 8,27 in
Die-cut format size min.	14 x 30 mm 0,55 x 1,42 in
Die-cut format size max.	168 x 200 mm 6,54 x 8,11 in
Clamp opening min.	55 mm 2,15 in
Clamp opening max.	125 mm 4,92 in
Total height min.	52 mm 2,01 in
Total height max.	108 mm 4,25 in
Max. performance per material ²	30 bundles
Compressed air	2,28 bar

Further technical data are available for download on our website.

Benchmarking

	DC-M	DC-F1	DC-F1plus
Number of helpers / operators	1/1	1/1	1/1
Bundles / 08 minutes	4200 ³	5000 ³	1.4400 ³

¹ depending on stack height | ² depending on material, label size
³ including pre-cutting

Manual For Polar 115 Cutter

Robert R. Redfield



Manual For Polar 115 Cutter:

Index of Specifications and Standards ,1997 **Standard Handbook of Industrial Automation** Douglas M.

Considine, Glenn D. Considine, 2012-12-06 The authors and editors of this Handbook have attempted to fill a serious gap in the professional literature on industrial automation Much past attention has been directed to the general concepts and philosophy of automation as a way to convince owners and managers of manufacturing facilities that automation is indeed one of the few avenues available to increase productivity and improve competitive position Seventy three contributors share their knowledge in this Handbook Less attention has been given to the What and How of automation To the extent feasible and practical within the confines of the pages allowed this Handbook concentrates on the implementation of automation Once the Go signal has been given by management concrete details not broad definitions and philosophical discussions are required To be found in this distinctly different book in the field are detailed parameters for designing and specifying equipment the options available with an evaluation of their relative advantages and limitations and insights for engineers and production managers on the operation and capabilities of present generation automation system components subsystems and total systems In a number of instances the logical extension of current technology into the future is given A total of 445 diagrams and photos and 57 tables augments detailed discussions In addition to its use as a ready reference for technical and management personnel the book has wide potential for training and group discussions at the college and university level and for special education programs as may be provided by consultants or by in house training personnel *American Printer* ,2008 **Australian Printer Magazine** ,1993 **New Hampshire Register, State Year-book and Legislative Manual** ,1948 **USA CRREL Technical Publications** Cold Regions Research and Engineering Laboratory (U.S.),1972

Essentials of Pediatric Cataract Surgery Sudarshan Kumar Khokhar, Chirakshi Dhull, 2021-11-09 The book highlights various pediatric cataract surgeries It covers variants of pediatric cataract along with other rare morphologies It covers selected challenging clinical situations along with surgical management steps Additionally it includes the management of surgical complications The book provides relevant concise text supported by clinical pictures and includes 50 short videos This book is a collection of clinical images and videos over 2 decades Chapters cover recent advances in the field of pediatric cataract such as ultrasound biomicroscopy intraoperative rhexis assistant operative room aberrometry The accompanying video describes the surgical procedures with a voiceover lucidly explaining every step It discusses unique cases of buphthalmous with cataract anterior segment dysgenesis persistent fetal vasculature and pre existing persistent capsular defect with their latest management techniques This book is relevant for practicing ophthalmologists and students alike

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Biology and Ecology of Antarctic Krill Volker Siegel,2016-08-03 This book gives a unique insight into the current knowledge of krill population dynamics including distribution biomass production recruitment growth and mortality rates Detailed analysis is provided on food and feeding reproduction and krill behaviour The volume provides an overview on the aspects of natural challenges to the species which involve predation parasites and the commercial exploitation of the resource and its management A chapter on genetics shows the results of population subdivision and summarizes recent work on sequencing transcriptomes for studying gene function as part of the physiology of live krill The focus of Chapter 4 is on physiological functions such as biochemical composition metabolic activity and growth change with ontogeny and season and will demonstrate which environmental factors are the main drivers for variability Further discussed in this chapter are the bottle necks which occur in the annual life cycle of krill and the mechanisms krill have adapted to cope with severe environmental condition

Photovoltaic Systems Yaman Abou Jieb,Eklas Hossain,2021-12-07 This textbook provides students with an introduction to the fundamentals and applications of solar photovoltaic systems connecting the theory of solar photovoltaics and the practical applications of this very important source of energy Chapters are written concisely in straightforward language that provides clear explanations of the concepts and principles with an emphasis on humanitarian applications of photovoltaic systems and a focus on relatively small size systems that will make the book relatable to readers It begins with an introduction and overview of the fundamentals of solar cell fabrication module design and performance along with an evaluation of solar resources The book then moves on to address the details of individual components of photovoltaic systems design of off grid hybrid and distributed photovoltaic systems and grid tied photovoltaic systems based on the National Electrical Code NEC Coverage also includes a techno economic analysis of solar photovoltaics a discussion of the challenges and probable solutions of photovoltaic penetration into the utility grid and an exploration of the potential of photovoltaic systems Photovoltaic Systems Fundamentals and Applications is designed to be used as an introductory textbook and professional training manual offering mathematical and conceptual insights that can be used to teach concepts aid understanding of fundamentals and act as a guide for sizing and designing practical systems Marine Engineering/log ,1904

CNC Machining Technology Graham T. Smith,2013-11-27 This is the third volume of three which will give the reader an insight into the current state of CNC technology with a focus on practical applications This volume deals with CNC programming It has been written in conjunction with a major European supplier of controllers in order to give the reader a more consistent and in depth understanding of the logic used to program such machines It explains how why and where to

program specific features of a part and how to build them up into complete programs Thus the reader will learn about the main aspects of the logical structure and compilation of a program Finally there is a brief review of some of the typical controllers currently available from both universal and proprietary builders The author draws on his extensive experience as a practitioner and teacher The text is thoroughly practical in character and generously illustrated with diagrams and photographs **Technical Abstract Bulletin** Defense Documentation Center (U.S.),1964 **Marine Engineering** ,1904
 The Electrical World ,1886 Electrical World ,1886 Dictionary Of British And Irish Botanists And Horticulturalists Including plant collectors, flower painters and garden designers Ray Desmond,2020-12-23 Over the past four centuries botanists and gardeners in the British Isles have gathered maintained and propagated many varying species of plants Their work has been documented in innumerable books and articles which are often difficult to trace The Dictionary of British and Irish Botanists and Horticulturalists represents a time saving reference source for those who wish to discover more about the lives and achievements of the horticulturalists listed The dictionary s utility comes not only from indicating the major publications of the named authors but also the location of their herbaria and manuscripts The previous 1977 edition of the Dictionary has for many years been a much used source of information for botanists botanic artists and archivists In this revised edition the scope has been expanded to include among its 13 000 entries flower painters in addition to botanical artists over 1400 entries and for the first time garden designers Finally the Dictionary should have international appeal since so many botanists and gardeners worked on collective plants overseas in particular in North America and the British Commonwealth Each entry gives wherever possible details of dates and places of birth and death educational qualifications professional posts honours and awards publications location of plant collections manuscripts drawings and portraits Its main function however is to provide further biographical references to books and periodicals Comprehensive classified indices facilitate access by professions and activities countries and plant interests CRREL Technical Publications, 1950-1975
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Table of Contents Manual For Polar 115 Cutter

1. Understanding the eBook Manual For Polar 115 Cutter
 - The Rise of Digital Reading Manual For Polar 115 Cutter
 - Advantages of eBooks Over Traditional Books
2. Identifying Manual For Polar 115 Cutter
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Manual For Polar 115 Cutter
 - User-Friendly Interface

4. Exploring eBook Recommendations from Manual For Polar 115 Cutter
 - Personalized Recommendations
 - Manual For Polar 115 Cutter User Reviews and Ratings
 - Manual For Polar 115 Cutter and Bestseller Lists
5. Accessing Manual For Polar 115 Cutter Free and Paid eBooks
 - Manual For Polar 115 Cutter Public Domain eBooks
 - Manual For Polar 115 Cutter eBook Subscription Services
 - Manual For Polar 115 Cutter Budget-Friendly Options
6. Navigating Manual For Polar 115 Cutter eBook Formats
 - ePub, PDF, MOBI, and More
 - Manual For Polar 115 Cutter Compatibility with Devices
 - Manual For Polar 115 Cutter Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Manual For Polar 115 Cutter
 - Highlighting and Note-Taking Manual For Polar 115 Cutter
 - Interactive Elements Manual For Polar 115 Cutter
8. Staying Engaged with Manual For Polar 115 Cutter
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Manual For Polar 115 Cutter
9. Balancing eBooks and Physical Books Manual For Polar 115 Cutter
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Manual For Polar 115 Cutter
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Manual For Polar 115 Cutter
 - Setting Reading Goals Manual For Polar 115 Cutter
 - Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Manual For Polar 115 Cutter
 - Fact-Checking eBook Content of Manual For Polar 115 Cutter
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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web solubility and solubility product mh 5 16 1 16 2 in this section we are going to consider the solubility of ionic solids in water solubility may be considered to be an equilibrium the equilibrium is between solid and ions in solution any ionic solid is 100% ionized in aqueous solution once it actually dissolves

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