

## Sw1500 Locomotive Manuals

LocomotivesModern Steel Mini-Mill Details for the ModelerTrack Planning for Realistic OperationThe SurflinersThe Complete Book of North American RailroadingDiesel LocomotivesCatalog of Copyright Entries, Third SeriesPennsylvania Railroad Steel Open Hopper CarsThe Digitrax Big Book of DccThe Contemporary Diesel Spotter's GuideBlood, Iron and GoldThe Railroad Never SleepsThe Feather River RouteForemenA Cruise Ship PrimerRailroad MagazineDetailing Scale Model AircraftPetroleum Refining in Nontechnical LanguageField Guide to Modern Diesel LocomotivesExtra Twenty-two Hundred SouthLight LocomotivesRailroad EngineeringCatalog of Copyright Entries. Third SeriesLocomotives of AustraliaJane's Train Recognition Guide101 Track Plans for Model RailroadersEMD LocomotivesAmerican Diesel LocomotivesAmtrakModern RailroadsMoody's Transportation ManualRailroad Model CraftsmanField Guide to TrainsA History of the American LocomotiveNorth American LocomotivesRailway ExpressElectro-Motive E-Units and F-UnitsSouthern Pacific LinesRailfan & RailroadGE and EMD Locomotives

### Locomotives

Spanning more than one and a half centuries, this treasure trove examines the steam, diesel, and electric locomotives that have kept North American commerce on the rails since the middle of the nineteenth century. Prolific rail author Brian Solomon takes an encyclopedic approach and describes every major type. And because locomotive-building has long been a made-to-order business, the book is arranged alphabetically by railroads from across the United States and Canada to show the variant technologies that railroads ordered to best suit their specific needs, whether for freight or passenger operations. The 75-plus railroads covered range from the best known historical lines such as Canadian Pacific, Santa Fe, Union Pacific, and Baltimore & Ohio, to today's giant Class I roads, commuter lines, and selected short lines. The result is a profusely illustrated and beautifully presented reference guide that features more than 400 locomotive gems from throughout the ages, including historic machines such as New York Central's J3a Hudsons, Pennsylvania Railroad's GG1 electrics, and EMD's classic E- and F-Units, to today's most powerful modern diesels. All the major builders—past and present—are represented, including such heavyweights as Baldwin, Alco, Lima, EMD, GE, and more.

### Modern Steel Mini-Mill Details for the Modeler

The birth of the railways and their rapid spread across the world triggered economic growth and social change on an unprecedented scale. From Panama to the Punjab, Tasmania to Turin, Blood, Iron and Gold describes the vision and determination of the pioneers who developed railways that would link cities that had hitherto been isolated, and would one day span continents. Christian Wolmar reveals how the rise of the train stimulated daring feats of engineering, architectural innovation and the rapid movement of people and goods around the world. He shows how cultures were enriched - and destroyed - by the unrelenting construction and how the railways played a vital role in civil conflict, as well as in

two world wars. Blood, Iron and Gold tells the dramatic story of how the railways changed the world.

## **Track Planning for Realistic Operation**

### **The Surfliners**

Cruise ships, the largest moving man-made objects, can be almost a quarter-mile long, as tall as a 25-story building, and can be largely self-contained cities of perhaps 8,000 people. With 172 photographs and illustrations, the cruise ship is examined; its planning, construction, operation, and ultimate fate. This behind-the-scenes look examines the concept, development, and construction of vessels, what makes them work, and how, as well as ship operations. More than 240 ships are highlighted as the cruise ship's history is traced from its origins through to its future projections. This book is a great resource for designers, architects, shipbuilders, and the cruise ship passenger. Read it before you board and take it along when you sail."

## **The Complete Book of North American Railroading**

### **Diesel Locomotives**

This is a series of photographs and modeling details of a modern steel mini-mill with a brief explanation of how a mini-mill works.

## **Catalog of Copyright Entries, Third Series**

### **Pennsylvania Railroad Steel Open Hopper Cars**

Ride the rails through the development and history of America's diesel-electric locomotives. Diesel-electric played a critical role in the industrialization of America. After WWII, diesels rapidly displaced the steam locomotive as the dominant source of motive power on the rails. This lavishly illustrated volume delivers detailed coverage of the development of the diesel including AC traction and the 800-horsepower beasts introduced in the mid 1990s. Solomon describes how diesels are operated and maintained today. Appendix lists where restored early diesels can be seen today.

## **The Digitrax Big Book of Dcc**

### **The Contemporary Diesel Spotter's Guide**

How to identify diesel locomotives quickly and easily. Lists specifications, spotting features, photographs, and descriptions of North American locomotives manufactured since 1972. 8 1/4 x 5 1/2; 352 pgs.; 500 bandw photos; 5 illus.;

softcover.

## **Blood, Iron and Gold**

"This book is an indispensable illustrated resource for railfans and families on road trips, filled with easy-to-find information on locomotives and rolling stock, such as railroad cars, coaches, and wagons"--Provided by publisher.

## **The Railroad Never Sleeps**

This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible.

Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

## **The Feather River Route**

### **Foremen**

Traces the history of diesel locomotives in North America from General Electric's unsuccessful trio of 1918 to the end of 1971.

### **A Cruise Ship Primer**

### **Railroad Magazine**

"This new oversize, full color book is the 'Diesel Spotter's Guide' on steroids. After you get Locomotives, you'll WANT to go out and see what's new!" --Railfan and Railroad "This is a field guide that is also elegant, so my advice is this: Buy two copies, and toss one in your car, and put the other one on your coffee table." --Trains Locomotives is the definitive photographic reference for the North American rail fan. It covers all mainline locomotive models built for North American railroads from the mid-1970s onward. This revised and expanded edition includes data on all the new locomotive models built from 2007 to January 2015, including the latest electrics from Siemens and Tier 4 locomotives from General Electrics. Containing 32 new pages, and over 300 photographs of more than 120 models, this remarkable large-format reference covers every locomotive manufacturer.

Greg McDonnell provides concise yet comprehensive information on each model, along with easy-to-read tables of production totals, build dates and mechanical specifications.

## **Detailing Scale Model Aircraft**

Joining the well-established series of Jane's Recognition Guides, this is the only book you will need to identify the trains of the world. Globalisation means that rail interest is no longer just domestic and rail fans travel far and wide to follow their hobby. Though in an easy to use format, this extensive guide covers over 500 of the trains that you are ever likely to see on your adventures. Organised in a way that makes comparison and contrast between similiar types easy, this guide also includes details of number in service, weight, builder, formation, power system and unit, power rating, max speed, fuel and passenger capacities, notes on modifications and special features. Along with extensive and clear photography this title also features maps showing all the major routes and locations of manufacturers, an index and glossary. This comprehensive title is the only guide worthy of the Jane's reputation as the authority on transport. This is the only book you need to make the most of your interest in trains, at any level. Contents  
LocomotivesPassengerFreightSpecial DutiesHigh SpeedRegionalCommuterMetro systemsGlossaryIndex

## **Petroleum Refining in Nontechnical Language**

This is a new release of the original 1939 edition.

## **Field Guide to Modern Diesel Locomotives**

Covers EMD diesels manufactured after 1972 and GE diesels after 1977, and includes all the major spotting features and roster information. Features fantastic full-color rail photography and a variety of railroad paint schemes. -- Clearly organized; locomotives are cross-referenced by engine number and railroad for easier spotting -- Ideal for beginning and intermediate railfans, and model railroaders looking for inspiration and detail -- Supported by national advertising in Trains magazine

## **Extra Twenty-two Hundred South**

A revision of the classic text on railroad engineering, considered the ``bible'' of the field for three decades. Presents railroad engineering principles quantitatively but without excessive resort to mathematics, and applies these principles to day-by-day design, construction, operation, and maintenance. Relates practice to principles in an orderly, sequential pattern (subgrade, ballast, ties, rails). Applicable to both conventional railroads and rapid transit systems.

## **Light Locomotives**

This pictorial history is only the second of its kind to trace the 30-plus-year history of Amtrak, beginning with a look at the rise and fall of privately run passenger train

service followed by a look at Amtrak's infant stage from 1971 through 1976. Also examined is the period from 1976 to 1991, when Amtrak finally established an image, buying new equipment and refurbished old and grew its ridership despite a severely limited budget. Modern and period color photos illustrate such aspects of Amtrak as its motive power, including the high-speed Acela Express; its diverse array of rolling stock and equipment, famous long-distance trains past and present; short-haul corridors. Against all odds, the passenger train survives in the United States. The formation of Amtrak in 1971 heralded the end of privately operated passenger train service and ushered in an era of intercity train travel financed on a budget that has vacillated between the virtually non-existent and the barely adequate. - The only extant pictorial history of America's only passenger rail network - Amtrak ridership in 2001 topped 24 million, the highest in its history - Passenger rail travel may be a concept whose time has come in this country, considering the woeful state of the airline industry and the efforts of prominent belt way politicians like Tom Harkin to make Amtrak a viable national passenger railway. About the Author Brian Solomon has authored several books about railroads and motive power, including MBI's recent Modern Locomotives and GE Locomotives. His writing and photography have been featured in the world's most prominent railfan publications, including TRAINS and RailNews. He splits his time between Monson, Massachusetts, and Dublin, Ireland.

## **Railroad Engineering**

Teaches how to create accurate and realistic scale aircraft from scratch building to painting. Includes simple techniques for adding interior and exterior details, removing seams, applying decals, and weathering. By Mike Ashe. 8 1/4 x 10 3/4; 104 pgs.; 249 photos; softcover.

## **Catalog of Copyright Entries. Third Series**

## **Locomotives of Australia**

Locomotives of Australia first appeared as a 272 page work three decades ago, its main aim being to provide a potted examination of the multiplicity of steam, diesel and electric locomotives that have graced this country from 1854. Since this book's appearance, Locomotives of Australia has grown in content, photography and style, reflecting not only the best in publishing practices, but examining in some detail the massive technological changes that have swept onto the Australian locomotive scene, particularly in recent years. Since the last fully revised edition appeared in 1996, the Australian railway scene has experienced wholesale privatisation. This has seen many locomotives, once captive to specific Government-owned State systems, crossing firmly established borders and now working for private companies thousands of kilometres from their original homeland. This shift has already seen locomotives originally manufactured for Western Australian Railways regularly working in far away New South Wales and vice versa. The author also chronicles the latest 2006 move to regauge locomotives previously captive to the Queensland Railways narrow gauge, to allow them to further their sphere of influence, opening up new opportunities on the

nation's standard gauge. This revised, much enlarged 448 page 2007 edition contains references and/or direct entries to no fewer than 39 new locomotive types, considerable fresh research, and where possible, new photographs. And for the first time, many of them appear in living colour. One of the hosts of new steam entries details the 2002 importation of a South African 2-8-4 locomotive for tourist service in North Queensland. Other steam entries new to this edition include examples once seen in large numbers across all Australian States, including a type that saw war service in Europe and another that originated in New Zealand. But the latest diesels have not been forgotten either, with lavish spreads chronicling the West Australian Pilbara's newest heavy iron ore haulers, giant locomotives that weigh in at 197 tonnes and exert a massive 4300 hp. But Locomotives of Australia is not all about the locomotives, for the author firmly believes the stories behind why certain types were introduced add to the social fabric of the big work. With an up-to-date map of the nation's rail system and photographs provided by some of the nation's more dedicated photographers, Locomotives of Australia continues to place between two covers a concise as possible profile of the country's diversified motive power, both private and government, in what is one of the largest railway books yet produced in this country.

## **Jane's Train Recognition Guide**

Not so many years ago, shipping a valuable package anywhere in the world merely required phoning Railway Express Agency. REA customers could count on this single entity to send a package anywhere in the world, and by several modes of transportation if necessary. This book contains modeling-specific information about this notoriously reliable company; its special divisions, and its equipment and facilities. Generously illustrated with photos, diagrams, paintings, and sketches.

## **101 Track Plans for Model Railroaders**

### **EMD Locomotives**

"A comprehensive history of North America's two major locomotive manufacturers, comprising previous 2003 and 2006 volumes with updated information and photos to take the story through 2013"--Provided by publisher.

### **American Diesel Locomotives**

In February 2005, General Motors announced its decision to sell its Electro-Motive Division (EMD), thus ending its 75-year association with one of the most renowned brands in railroading. Looking at the heritage of the venerable EMD in light of this momentous development, this monumental volume offers an overview of the great locomotive maker unprecedented in its scope and unparalleled in the spectacular quality of its photographs. Leading railroad author and photographer Brian Solomon provides an authoritative, comprehensive account of EMD's history, from its genesis in 1922 as the independent Electro-Motive Corporation, to GM's acquisition of the company in 1930, and on through the age of today's ""superpower"" locomotives. From the earliest 1920s railcars to the iconic mid-

century F units, workhorse GP and SD locomotives, and Dash series; to the company's race with its chief competitor, General Electric, to reach 6,000 horsepower, EMD's complete story unfolds here in depth and detail, illustrated with a wealth of archival photos from across the country, as well as a remarkable collection of color photography from top railway photographers of the last half century.

## **Amtrak**

Covers freight and passenger operations, route design, and contemporary railroading operations. The step-by-step design techniques and operation-oriented track plans also make it easy to create your own realistic model railroad.

## **Modern Railroads**

Includes unique track plans that apply to nearly every scale. Learn how to convert plans to different scales, gain tips on building from a plan, and choose the plan best suited to your space.

## **Moody's Transportation Manual**

## **Railroad Model Craftsman**

## **Field Guide to Trains**

Subtitled: A Guide for Enthusiasts. This comprehensive book on PRR hoppers is divided into pre-war, post-war, and secondary classes of hoppers. Each chapter details a particular class of hopper and includes key features, drawings, dimensional data, roster time lines, lettering information, prototype photos, and references. To aid modellers, the book features a wealth of model photos and suggestions for how to best represent that particular class. Sftbd., 8 1/2 x 11, 160 pgs., 203 b&w ill., 51 color.

## **A History of the American Locomotive**

Important and beautifully illustrated volume chronicles the explosive growth of the American locomotive from British imports to grand ten-wheelers of the 1870s. Over 240 vintage photographs, drawings, and diagrams tell the exciting tale. Introduction. Appendices. Index.

## **North American Locomotives**

## **Railway Express**

Includes index.

## **Electro-Motive E-Units and F-Units**

Using analogies, graphs, formulas and illustrations, the author overviews key topics in the refining industry for professionals in finance and marketing. The third edition reflects changes in petroleum processing and the impact of environmental regulation. Annotation c. Book News, Inc., Portland, OR

## **Southern Pacific Lines**

Southern Pacific and its predecessor railroads constructed and maintained depots throughout their territory. Between 1877 and 1894, a series of 26 numbered standard plans for depots was developed, and each plan was successively in use for a few years. By the beginning of the 20th century, there were more than 600 SP depots and telegraph offices. By then, many older depots, as well as most new ones at that time, had been or would be built to these standards. This book describes those depots. "The story of depots in SP's far-flung territory is an interesting one: when they were built, what they looked like, and when they were destroyed or were saved. Particularly for smaller communities, the depot was once an integral part of local life, so the life stories of these depots are an integral part of town history. "In addition to the 26 numbered standard depot designs, SP also built a number of other de facto standard depots, such as the colonnade style, and several such designs are described here. Also included are a group of stuccoed depots, modernized from older buildings, as well as standard-design depots built by predecessor railroads, such as the El Paso & Southwestern. Southern Pacific built each depot with an eye to what was expected to be needed. The overall size of the depot often reflected current or anticipated town size. The agent had quarters upstairs in a two-story depot, essential in places where suitable local housing was not available, but otherwise a one-story depot would be built. Freight rooms were sized according to the expected volume of business. Well-known depot historian Henry Bender has extensively researched this subject, and presents here an authoritative account of hundreds of SP standard depots, illustrated with a fine collection of photographs. The jacket painting is by noted railroad artist John R. Signor.

## **Railfan & Railroad**

It would be impossible to imagine the rapid growth of the United States and Canada without railroads. From the industry's first tentative steps in the early nineteenth century to the railways of our day, here is a fitting celebration of that legacy-an all-encompassing tome for hardcore railfans and casual enthusiasts alike. For more than 150 years, railroads have transformed everyday life in North America - Bringing goods to market, carrying travelers across the continent, seeing us through wars, enriching our folklore, and proving indispensable to economic, industrial, and social infrastructures. And that's not to mention the mind-bending technologies and machines that railroads have spawned. The Complete Book of North American Railroading celebrates the people and machines that have made this growth possible. In these pages, a cast of railroading authorities team up to tackle the industry's genesis; the development of steam, electric, and diesel-electric locomotives; the golden age of passenger travel; workhorse freight



haulers; railroad infrastructure; and modern railroading operations.

## **GE and EMD Locomotives**

Blending automotive manufacturing and styling techniques with state-of-the-art diesel-electric technologies, General Motors' Electro-Motive Division conceived and marketed America's first commercially successful road diesels: the fabulous E-Units and F-Units. This illustrated companion to Voyageur Press' *Alco Locomotives* (2009) and *Baldwin Locomotives* (2010) is the most comprehensive history of the most recognizable locomotives ever built. Beginning with 1937 debut of the fast and powerful E-Units designed for long-haul passenger service, author Brian Solomon treats readers to a wonderful array of archival imagery while explaining the impact the locomotives made on the locomotive market and the railroad industry.

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