

Antique American Steam Gauge Museum Farm Collector

Relive train travel's earliest days with this splendidly illustrated story of steam locomotion, from "teakettles" to "titans." Working from builders' specifications, old engravings, and contemporaneous accounts, the author re-creates, in accurate renderings, the earliest locomotives.

WE think of the Stephensons and Brunel as the fathers of the railways, and their Liverpool and Manchester and Great Western Railways as the prototypes of the modern systems. But who were the railways' grandfathers and great-grandfathers? The rapid evolution of the railways after 1830 depended on the juggernauts of steam locomotion being able to draw upon centuries of experience in using and developing railways, and of harnessing the power of steam. Giants the Stephensons and others may have been, but they stood upon the foundations built by many other considerable – if lesser-known – talents. This is the story of those early pioneers of steam.

Firehouse Memorabilia

Early Steam Locomotive Development 1801–1851

Identification and Price Guide

Historic North American Locomotives

From the First Days of Steam Power to the Present

Early American Steam Locomotives

Describes the state's geography, culture, and history, and offers recommendations on lodging, restaurants, shopping, and local attractions to visit in each region.

This is a thoroughly revised edition of the Historical Atlas of Colorado, which was coauthored by Tom Noel and published in 1994. Chock-full of the best and latest information on Colorado, this new edition features thirty new chapters, updated text, more than 100 color maps and 100 color photos, and a best-of listing of Colorado authors and books, as well as a guide to hundreds of tourist attractions. Colorado received its name (Spanish for "red") after much debate and many possibilities, including Idaho (an "Indian" name meaning "gem of the mountains" later discovered to be a fabrication) and Yampa (Ute for "bear"). Noel includes other little-known but significant facts about the state, from its status as first state in the Union to elect women to its legislature, to its controversial "highest state" designation, elevated by the 2013 legalization of recreational cannabis. Noel and cartographer Carol Zuber-Mallison map and describe Colorado's spectacular geography and its fascinating past. The book's eight parts survey natural Colorado, from rivers and mountains to dinosaurs and mammals; history, from prehistoric peoples to twenty-first-century Color-oddities; mining and manufacturing, from the gold rush to alternative energy sources; agriculture, including wineries and brewpubs; transportation, from stagecoach lines to light rail; modern Colorado, from the New Deal to the present (including politics, history, and information on lynchings, executions, and prisons); recreation, covering not only hiking and skiing but also literary locales and Colorado in the movies; and tourism, encompassing historic landmarks, museums, and even cemeteries. In short, this book has information—and surprises—that anyone interested in Colorado will relish.

*Mechanic's Magazine, Museum, Register, Journal & Gazette
Power*

Steam Locomotives of North America

American Engineer and Railroad Journal

A Practical Journal of Motive Power, Rolling Stock and Appliances

A Journal of Practical Electrical and Steam Engineering

This fascinating book explores the development of locomotives over the course of fifty years. From Richard Trevithick's first experimental road engine of 1801 up to the Great Exhibition some fifty years later, locomotives have come far in reimagining and reinventing themselves to serve the people and British industry. The early years showed slow development amongst locomotives: Trevithick's first railway locomotives failed significantly as the engine broke the brittle cast-iron rails. The story is continued through the years when locomotives were developed to serve collieries, a period that lasted for a quarter of a century, and saw many different engineers trying out their ideas; from the rack and pinion railway developed by Blenkinsop and Murray, to George Stephenson's engines for the Stockton & Darlington Railway. The most significant change came with Robert Stephenson's innovative Rocket, the locomotive that set the formula for future developments. British engineers dominated the early years, although in France Marc Seguin developed a multi-tubular boiler at the same time as Stephenson. The next period was marked by the steady spread of railways in Europe and across the Atlantic. Timothy Hackworth of the Stockton & Darlington railway supplied locomotives to Russia, and his men had an exciting ride to deliver parts by sleigh across the snowy steppes, pursued by wolves. In America, the first locomotives were delivered from England, but the Americans soon developed their own methods and styles, culminating in the Baldwin engines, a type that has become familiar to us from hundreds of Western films. This is more than just a book about the development of a vital technology, it is also the story of the men who made it possible, from the steadily reliable team of William Buddicom and Alexander Allan, who developed their locomotives at Crewe, to the flamboyant Isambard Kingdom Brunel, whose broad gauge was served by the magnificent engines of Daniel Gooch.

From the first steam-powered locomotives of the early nineteenth century to the high-speed commuter trains of today, the American railroad has been a great engine powering the nation's growth and industry. This book celebrates the glory and grandeur of that legacy with a lavish tour of the history of the American railroad and the culture surrounding it. Generously illustrated with vintage photographs, modern images, maps, timetables, tickets, brochures, and all manner of memorabilia, this volume offers a fascinating look at the rail industry's beginnings and development, as well as its place in American history. From the might of the major rail companies and their empires to the romance of rail travel, this is the full and fabulously colorful story of the industry that moved a nation--and stirs our imaginations to this day.

with the Best Fall Foliage Drives & Scenic Road Trips

The Portland Company, 1846-1982

The Heritage of North American Steam Railroads

The Early Pioneers of Steam

An Illustrated Journey

Steam Automobile Vol. 12, No. 1

Historic North American Locomotives traces the historic development of North American locomotives from the early 1800s through today. Considered a photographic book with the look and feel of fine art, 100 locomotives are profiled using descriptive text and richly detailed and colored photographic imagery. A well-researched introduction provides the reader with a historical perspective. The author/photographer includes high-quality photographs,

created through various techniques that vividly capture the distinctive features of the locomotives. From the 1805 Trevithick portable boiler to modern, high-speed locomotives such as the 2013 GE Genesis, the reader will enjoy viewing a variety of locomotives that are not usually shown together in one book.

Whether you're a visitor or a local looking for something different, Iowa Off the Beaten Path shows you the Hawkeye State with new perspectives on timeless destinations and introduces you to those you never knew existed--from the best in local dining to quirky cultural tidbits to hidden attractions, unique finds, and unusual locales. So if you've "been there, done that" one too many times, get off the main road and venture Off the Beaten Path.

Perfecting the American Steam Locomotive
USA by Rail

Remaining Relics and Operable Replicas, with a Catalog of Locomotive Models in the U.S. National Museum

An Illustrated History
A Historical Atlas

Steam and Diesel Power in 700 Photographs

Describes routes crisscrossing the United States, shows how to make the most pass and includes maps and sightseeing and accommodation tips.

Established in 1911, The Rotarian is the official magazine of Rotary International circulated worldwide. Each issue contains feature articles, columns, and department about, or of interest to, Rotarians. Seventeen Nobel Prize winners and 19 Pulitzer winners - from Mahatma Gandhi to Kurt Vonnegut Jr. - have written for the magazine.

Explorer's Guide New Jersey

The Locomotive Pioneers

The Directory of Museums & Living Displays

The Rotarian

American Electrician

The Spirit of Steam

Perfecting the American Steam Locomotive documents the role played by mechanical engineers in the development of locomotive design. The steam engine and the mechanical engineering profession both grew directly out of the Industrial Revolution's need for sources of power beyond that of men and animals.

Invented in England when coal mining was being developed, the practical steam engine eventually found numerous applications in transportation, especially in railroad technology. J. Parker Lamb traces the evolution of the steam engine from the early 1700s through the early 1800s, when the first locomotives were sent to the United States from England. Lamb then shifts the scene to the development of the American steam locomotive, first by numerous small builders, and later, by the early 20th century, by only three major enterprises and a handful of

railroad company shops. Lamb reviews the steady progress of steam locomotive technology through its pinnacle during the 1930s, then discusses the reasons for its subsequent decline. DIVThis massive collection of 700 color photographs (comprising the previously published volumes Steam Power, Vintage Diesel Power, and Modern Diesel Power) traces the development of North American locomotives from the early nineteenth century right up to the present, spanning dozens of models from the likes of Alco, Baldwin, Electro-Motive, Fairbanks-Morse, General Electric, and more. Top-notch imagery from dozens of photographers is accompanied by detailed captions from author Brian Solomon that discuss locomotive technology, the roles of specific locomotives in individual railroads, and even the locations and operations depicted in the photographs. Together, this awesome collection stretches from the Baltimore & Ohio's diminutive Tom Thumb steam locomotive "generally considered the starting point of North American locomotive technology" right up to today's high-horsepower "green" models from General Electric and Electro-Motive. The resulting volume, which also reflects the grand geographic and technological breadth of railroading in North America, is the ultimate gathering of great locomotive photographs for casual and hardcore railfans alike. /div

Fodor's New England

Iowa Off the Beaten Path®

**The First Quarter-century of Steam Locomotives in North America
B and O Magazine**

A Final Report to the People

Manual of the Steam-engine Indicator

The Portland Company commenced operations in 1846 in Portland, Maine, under the leadership of John A. Poor. It was founded primarily to manufacture railroad locomotives for the Atlantic & St. Lawrence Railroad. The company played a major role in the economy and development of the state of Maine and continued in business until 1982, producing a wide range of cast-metal and fabricated products. The Portland Company manufactured a total of six hundred thirty steam locomotives, starting in 1848, along with hundreds of railroad cars, boilers, marine engines, ships, steam fire engines, elevators, and paper and textile mill equipment. Locomotives, ships, and cannons were built for the Civil War, and munitions were manufactured for both world wars. Later, the Portland Company produced snowplows, nuclear plant components, and common castings from manhole covers to streetlights. In the early 1900s, the company sold five makes of new automobiles and trucks. In this rich photographic history, the Portland Company and the city of Portland, with its great waterfront and industrial heritage, come to life.

Shows a variety of American steam locomotives, looks at their history, and briefly explains how a steam locomotive works

Power and the Engineer

Steam Power

Home Canning & Drying of Vegetables & Fruits

Steam Trains

Railroads Across North America

Biennial Report

For a limited time, receive a free Fodor's Guide to Safe and Healthy Travel e-book with the purchase of this guidebook! Go to fodors.com for details. Written by locals, Fodor's New England is the perfect guidebook for those looking for insider tips to make the most out their visit. Complete with detailed maps and concise descriptions, this New England travel guide will help you plan your trip with ease. Join Fodor's in exploring one of the most exciting regions in the United States. New England is a classic American destination: the rocky Maine coast, Vermont's Green Mountains, Connecticut's antiques, Rhode Island's mansions, Boston's vibrant history, and New Hampshire's Lake District are all made for exploring. This full-color guide will help travelers plan the perfect trip, from leaf peeping and skiing to antiquing and fine dining. Fodor's New England includes: •UP-TO-DATE COVERAGE: Full updated, including fresh reviews on restaurants and hotels in New England's top cities—Boston, New Haven, Providence, Burlington, and Portland. •ULTIMATE EXPERIENCES GUIDE: A spectacular color photo guide captures the ultimate unmissable experiences and attractions throughout New England to inspire you. •DETAILED MAPS: Full-color and full-size street maps throughout will help you plan efficiently and get around confidently. •GORGEOUS PHOTOS AND ILLUSTRATED FEATURES: Includes gorgeous full-color features on skiing, Boston's Freedom Trail, Newport's grand mansions, Maine's impressive lighthouses, hiking the Appalachian Trail, and where to find the best crafts and antiques. •ITINERARIES AND TOP RECOMMENDATIONS: Sample itineraries will help you plan and customize your own itinerary so you can make the most of your time. Includes tips on where to eat, stay, and shop as well as information about nightlife, sports and the outdoors. "Fodor's Choice" designates our best picks in every category. •INDISPENSABLE TRIP PLANNING TOOLS: Convenient overviews show each state and its highlights, and detail-rich chapter planning sections have on-target advice and tips for planning your time and for getting around the region by car, bus, and train. This edition also features more information on how to enjoy New England with kids and round-ups of the most picturesque towns, best architectural sights, museums, and shopping. •COVERS: Massachusetts, Boston, Cape Cod, Provincetown, Nantucket, Martha's Vineyard, the Berkshires, Connecticut, New Haven, Mystic, Rhode Island, Providence, Newport, Vermont, Burlington, New Hampshire, Portsmouth, White Mountains, Maine, Acadia National Park, Portland, and more. ABOUT FODOR'S AUTHORS: Each Fodor's Travel Guide is researched and written by local experts. Fodor's has been offering expert advice for all tastes and budgets for over 80 years. Planning on visiting more of the East Coast? Check out Fodor's Boston, Fodor's Washington D.C., and Fodor's New York City.

Provides detailed descriptions and prices for books, buckets, toys, badges, hoses, lanterns, models, helmets, and other firefighting related items

Railway and Locomotive Engineering

Shavings

The Mechanic's Magazine, Museum, Register, Journal and Gazette
The Golden Age of North American Steam
The Bicentennial of the United States of America

Complete with Travelers Tales boxes, specially commissioned maps & a listing of heritage team locomotives still in action today, this exciting chronicle tells the complete story of how the Iron Horse changed the course of history.

American SteamSmithmark Publishers

The American Steam Locomotive in the Twentieth Century

American Steam

Great Railroad Museums of the USA

The Inspiration Behind George Stephenson

Discover Your Fun

Plus Canada's Main Routes

Between 1900 and 1950, Americans built the most powerful steam locomotives of all time--enormous engines that powered a colossal industry. They were deceptively simple machines, yet, the more their technology was studied, the more obscure it became. Despite immense and sustained engineering efforts, steam locomotives remained grossly inefficient in their use of increasingly costly fuel and labor. In the end, they baffled their masters and, as soon as diesel-electric technology provided an alternative, steam locomotives disappeared from American railroads. Drawing on the work of eminent engineers and railroad managers of the day, this lavishly illustrated history chronicles the challenges, triumphs and failures of American steam locomotive development and operation.

Classic Locomotives

Colorado

The Mechanics' Magazine, Museum, Register, Journal, and Gazette