

# Case Steam Engine

The Steam Engine, 2  
 The Harvest Story  
 Farm Engines and how to Run Them  
 The Marine Steam Engine ...  
 The Young Engineer's Guide ...  
 Marine Steam Engines  
 Treatise on the Steam Engine in Its Application to Mines, Mills, Steam Navigation, and Railways  
 On the Steam Engine  
 Recollections of Old-time Threshermen  
 Annexed to a Report on Its Merits  
 The Scientific Background of the Industrial Revolution  
 The Indicator and Dynamometer  
 A Story of Steam, Industry, and Invention  
 The Steam Engine and Its Inventors, a Historical Sketch  
 Discovering Traction Engines  
 The Case of Boulton and Watt  
 A Treatise on the Steam Engine Historical, Practical, and Descriptive. By John Farey ... Illustrated by Numerous Engravings and Diagrams  
 A Simple, Practical Handbook for Experts and Amateurs  
 150 Years of JI Case  
 Antique American Tractor and Crawler Value Guide, Second Edition  
 A catechism of the steam engine  
 Encyclopedia of American Steam Traction Engines  
 Case Steam Engine Manual  
 History of the steam engine, from the second century before the Christian era to the time of the Great Exhibition  
 A treatise for Engineering Students, young Engineers and officers of the Royal Navy and Mercantile Marine (1899)  
 Westinghouse Crank Case Steam Engine and Its Lubrication  
 The Una-Flow Steam-Engine  
 A CATECHISM OF THE STEAM ENGINE  
 The Steam Engine  
 The Una-Flow Steam-Engine  
 Illustrated by Thirty-three Plates, and Three Hundred and Forty-nine Engravings on Wood  
 A Popular and Descriptive Account of the Steam Engine  
 Catechism of the Steam Engine  
 The Steam Engine, Comprising an Account of Its Invention and Progressive Improvement; with an Investigation of Its Principles ... Detailing Also Its Application to Navigation, Mining, Impelling Machines, &c. ... Illustrated by ... Plates, and ... Wood Cuts  
 The Steam Engine as a Type Case  
 A Catechism of the Steam Engine ... With suggestions of improvement  
 Farm Motors, Gas and Steam Engines, Hydraulic and Electric Motors, Traction Engines, Automobiles, Animal Motors, Windmills  
 The Story of the Steam Plough Works  
 Farm Engines and How to Run Them

Case Steam Engine

Downloaded from [archive.imba.com](http://archive.imba.com) by guest

## TATE MOORE

*The Steam Engine, 2* Rarebooksclub.com

Bei diesem umfangreichen Werk, welches erstmals im Jahre 1899 veröffentlicht wurde, handelt es sich um eine Abhandlung über Schifftechnik und -motoren und richtet sich vor allem an Maschinenbau-Studierende, Ingenieure sowie Offiziere der Royal Navy und der Handelsmarine. Vorliegend ist ein Werk, dass heute jeden Interessierten einen Eindruck über die zeitgenössische Schifftechnik vermittelt. Unterstützt werden die Ausführungen durch zahlreiche Illustrationen. Diese Ausgabe ist in englischer Sprache verfasst.

**The Harvest Story** Forgotten Books

Case Steam Engine Manual  
 Westinghouse Crank Case Steam Engine and Its Lubrication  
 Full Steam Ahead Vol. 1J. I. Case Tractors and Equipment 1842-1955  
 Amer Society of Agricultural Farm Engines and how to Run Them  
 Theclassics.us

Excerpt from *The Indicator and Dynamometer: With Their Practical Applications to the Steam-Engine*  
 The Indicator is one of Watt's inventions, upon which he was accustomed to place great reliance; and it may not, perhaps, be too much to say, that, in his hands, it contributed mainly to his successive improvements of the Steam engine. After his patent had expired, and the Engine had become public property, the various makers, it seems, did not at first sufficiently value this useful instrument for we find Farey, in his work on Steam, complaining that Steam-engines had rather retrograded from neglecting it. However that may be, such is not the case now; for every engine maker is careful to apply it, as the best means of testing the working condition of his engine; yet even now there are many classes of people connected with the Steam engine, such as officers commanding steam-vessels and engineers, to whom a fuller description of the instrument. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com)  
 This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

*The Marine Steam Engine ...* Crestline

Originally published in the early 1900s, this classic, comprehensive handbook was referred to by young engineers as

they prepared for their licensing examinations. In addition to several hundred questions and answers that were given as part of many exams, *Farm Engines and How to Run Them* fully describes every part of a farm engine and boiler, giving complete directions for the safe and economical management of both. Included are chapters on farm engine economy—with special attention to traction and gasoline farm engines—and a chapter on the science of successful threshing. The book abounds with precision artwork and cutaway illustrations showing the different parts of a boiler and engine, and nearly every make of traction engine—including those made by Case, Nichols and Shepard, and Buffalo Pitts. *Farm Engines and How to Run Them* will appeal to everyone from farm and vehicle enthusiasts to students of industrial technology and agricultural history.

*The Young Engineer's Guide ...* Walter de Gruyter GmbH & Co KG  
 The Harvest Story depicts the life of rural American threshermen. This collection of first-person narratives chronicles the eyewitness accounts of people who threshed grain with steam engines. The book selects anecdotes from over 50 volumes of material published in *The Iron-Men Album Magazine* from 1946 until 2001 and arranges them in a coherent recitation. The result is a story of hard, honest work, of heartfelt cooperation and of triumph not unmarred by tragedy. Readers hear the recollections of those who pitched the bundles of grain onto the horse-drawn wagons, unloaded these bundles into the threshing machine, and saw the stream of clean wheat cascade from the grain auger. Readers encounter the wit and humor that characterized yesteryear's harvests. They learn about the vast industries that supported the agricultural enterprise, and they discover the dangers posed by mechanical equipment. *The Harvest Story* concludes by examining the birth and development of a movement to rescue the agrarian past from oblivion. This book captures authentic voices from the era of steam-powered threshing and offers readable interpretation and explanation, including detailed appendices.

*Marine Steam Engines* Purdue University Press

Step back in time and relive more than 100 years of Case farm machinery history from threshing machines and steam engines to gas tractors and even Case cars. Entertaining facts capture the flavor and history of the time, plus an insiders view of the development of early and later tractor models.

**Treatise on the Steam Engine in Its Application to Mines, Mills, Steam Navigation, and Railways** Simon and Schuster  
 Excerpt from *The Selection and Installation of Machinery for Small Pumping Plants*  
 The brake horsepower (b. H. P.) is the power delivered by an engine to the belt that drives a pump, or to the pump itself in case the unit is direct connected. For steam engines it is usually about 90 per cent of the indicated

horsepower and for gasoline engines about 80 per cent. The same idea is expressed also by saying the mechanical efficiency of the engine is 90 or 80 per cent. The indicated or rated horsepower (i. H. P.) of steam engines is based on the power developed in the cylinder. This can be determined in an actual case only by means of a steam engine indicator. However, experiments made by engine builders enable them to tabulate with sufficient accuracy the rated horsepower for engines of given size of cylinder, with a given steam pressure and a given number of revolutions. The practice of all builders is not the same in this particular. Some state that an overload of 25 per cent is allowable, while others give the maximum power the engine is capable of indicating. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com)  
 This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

*On the Steam Engine Society of Automotive Engineers*

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1912 edition. Excerpt: ...of the exhaust is entirely absent in the case of the una-flow engine, as the exhaust is controlled by the piston which always uncovers the same large area of exhaust port. This feature Stump/, The una-flow steam engine. 7 obviates the losses, produced in ordinary loco engines at light loads by the high counter pressures. It was demonstrated in the case of two una-flow express locomotives built by the Maschinenbau Anstalt Breslau to the order of the Prussian railways (see figure 124), that such engines run smoothly. This smooth running is due to the method of steam distribution. In order to show this clearer, the diagrams from a una-flow locomotive engine are shown alongside the diagrams from a counter flow engine in figure 116. In the case of the counter flow engine it is shown working with throttling and with full pressure. In the full pressure diagram, cut-off takes place after 17% of the stroke, whilst in the case of the throttle diagram the cut-off takes place after 31%. The cut-off for the una-flow engine is at 20% of the stroke. The inertia diagrams have been drawn for a speed of 110 km. and the rate of change of the pressure on the crank pin has been derived from the combination of the steam and inertia diagrams (Fig. 116, lower diagrams). The three upper diagrams,

figure 117, show the rate of change of acceleration resulting from the effective pressure as a function of the time. It will be noticed that the curve of acceleration for the unaf flow engine is very nearly level, whilst in the case of the counter flow engine there is a sharp change from positive to negative. This is due to the fact that in the counter flow engine, the change in the direction of the effort coincides with the dead centre, whilst in the case of the unaf flow...

#### **Recollections of Old-time Threshermen** BoD - Books on Demand

An American Workhorse Inventor Jerome Increase Case founded Case in Racine in 1842 to build threshing machines. It was a humble beginning for a company that would eventually become the first builder of steam engines for agricultural use, and eventually emerge as the world's largest maker of steam engines. In 150 years of J.I. Case, farm equipment expert and historian C.H. Wendel chronicles all the developments, innovations, and history that have made the Case name a giant in the world of farming. With more than 2,000 story-telling photos and exhaustive research, Wendel covers every model ever produced by J.I. Case, over a 150-year period, from the earliest steam-powered vehicles to the new generation of multi-purpose wonders.

*Annexed to a Report on Its Merits* Amer Society of Agricultural This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1881 edition. Excerpt: ... rest, as was the case in the atmospheric engine, all the valves were thrown open and steam was blown through the engine to expel air from the cylinder,

pipes, and condenser, and fill every part with steam. The equilibrium-valve was then closed, the steam and 1 See letter from Watt to Smeaton in 1778, in Farey on the Steam Engine, p. 329, note. exhaust valves being left open. The injection water being admitted into the condenser, the steam in the cylinder was destroyed, and a vacuum produced under the piston, whereupon the steam from the boiler, pressing upon its upper side, carried it to the bottom of the stroke. The steam and exhaust valves were then closed, and the equilibrium-valve was opened, thus allowing the steam to press equally on the upper and under sides of the piston; and the weight of the pump-rods, meeting with no resistance, carried the piston back to the top of the cylinder, the steam that was above it passing to its under side in the meanwhile. The equilibrium-valve was then closed, leaving the engine ready for another stroke, which ensued immediately upon the steam and exhaust valves being again opened. The steam was thus employed twice over, first above, and afterwards under, the piston, as is still the case in the Cornish pumping engine and other single-acting engines at the present day. CHAPTER XIII. Watt's Double-acting Engine, Or Engine Of Revolution, FOR DRIVING MILL-WORK OF ALL KINDS. Reference has already been made to the attempts on the part of Watt to produce continuous motion round an axis, by means of an engine of the steamwheel class. In this he was unsuccessful. He was fully alive to the boundless field which existed for the application of an engine capable of producing a regular rotatory motion. It had... *The Scientific Background of the Industrial Revolution* Case Steam Engine Manual Westinghouse Crank Case Steam Engine and Its Lubrication Full Steam Ahead Vol. 1J. I. Case Tractors and

Equipment 1842-1955

"The Most Powerful Idea in the World argues that the very notion of intellectual property drove not only the invention of the steam engine but also the entire Industrial Revolution." -- Back cover.

[The Indicator and Dynamometer](#) Forgotten Books

Following the rating system generally established among car collectors, this comprehensive value guide provides the values, in five degrees of condition, of antique American farm tractors and crawlers built from the turn of the century through the 1950s. Each chapter is devoted to one of the period's major manufacturers -- John Deere, Farmall, Caterpillar, Oliver, Minneapolis-Moline, Ford, and more -- and the values listed are based on prices actually realized at auction. In addition, two expert collectors compare their notes on each model, while the expert photography of Randy Leffingwell depicts the tractors and crawlers discussed.

[A Story of Steam, Industry, and Invention](#) University of Chicago Press

*The Steam Engine and Its Inventors, a Historical Sketch* Krause Publications

[Discovering Traction Engines](#)

*The Case of Boulton and Watt*

*A Treatise on the Steam Engine Historical, Practical, and Descriptive. By John Farey ... Illustrated by Numerous Engravings and Diagrams*

**A Simple, Practical Handbook for Experts and Amateurs** [150 Years of JI Case](#)

[Antique American Tractor and Crawler Value Guide, Second Edition](#)

Related with Case Steam Engine:

- Practice Balancing And Classifying : [click here](#)