

Doosan Engine

Company Profiles: Doosan Engine Co., Ltd Modern Marine Internal Combustion Engines A Technical and Historical Overview Springer Nature

This document brings together a set of latest data points and publicly available information relevant for Manufacturing Industry. We are very excited to share this content and believe that readers will benefit from this periodic publication immensely.

In an effort to contribute to global efforts by addressing the marine pollution from various emission types, this Special Issue of Ship Lifecycle for Journal of Marine Science and Engineering was inspired to provide a comprehensive insight for naval architects, marine engineers, designers, shipyards, and ship-owners who strive to find optimal ways to survive in competitive markets by improving cycle time and the capacity to reduce design, production, and operation costs while pursuing zero emission. In this context, this Special Issue is devoted to providing insights into the latest research and technical developments on ship systems and operation with a life cycle point of view. The goal of this Special Issue is to bring together researchers from the whole marine and maritime community into a common forum to share cutting-edge research on cleaner shipping. It is strongly believed that such a joint effort will contribute to enhancing the sustainability of the marine and maritime activities. This Special Issue features six novel publications dedicated to this endeavor. First of all, as a proactive response to transitioning to cleaner marine fuel sources, numerous aspects of the excellence of fuel-cell based hybrid ships were demonstrated through four publications. In addition, two publications demonstrated the effectiveness of life cycle assessment (LCA) applicable to marine vessels.

Buckle Down recounts the full history of how Dr Hyun-Soon Lee, a young and inexperienced South Korean engineer, left an enviable job at General Motors in the United States and moved to Hyundai Motors in South Korea to take up the daunting challenge of inventing South Korea's very first automobile engine in the 1980s. Dr Lee's heartfelt stories of dejection and tenacity, which have remained untold until now, will help young adults seeking purpose in their lives to awaken to the value of an authentic life, and will inspire engineering students and professionals to embrace life's seemingly insurmountable challenges.

Part of the successful Routledge 'Working in Asia' series, The Changing Face of Korean Management focuses on a country that is predicted by some experts to become the world's third richest by 2025. South Korea, with its thriving telecommunications and automotive industries, and increasing trade links with China, survived the 1997 Asian Economic Crisis better than most. This important textbook explores the key areas of management in this pivotal country in the region, including: Human Resource Management Marketing Operations Finance Strategy Overseas affiliates Small firms and entrepreneurship Women Including case studies and interviews with front-line Korean managers to enable a real 'voice' to emerge, and written by native academics, this is a complete analysis of the current state of management structures in South Korea. It is important reading for all students of business and management interested in Asia.

2011 Updated Reprint. Updated Annually. Korea South Army Weapon Systems Handbook

This book offers a comprehensive and timely overview of internal combustion engines for use in marine environments. It reviews the development of modern four-stroke marine engines, gas and gas-diesel engines and low-speed two-stroke crosshead engines, describing their application areas and providing readers with a useful snapshot of their technical features, e.g. their dimensions, weights, cylinder arrangements, cylinder capabilities, rotation speeds, and exhaust gas temperatures. For each marine engine, information is provided on the manufacturer, historical background, development and technical characteristics of the manufacturer's most popular models, and detailed drawings of the engine, depicting its main design features. This book offers a unique, self-contained reference guide for engineers and professionals involved in shipbuilding. At the same time, it is intended to support students at maritime academies and university students in naval architecture/marine engineering with their design projects at both master and graduate levels, thus filling an important gap in the literature.

The book targets bachelor, master and MBA students taking courses on global strategy. It can be used in conjunction with a set of readings and articles on global strategy issues.

The critical parts of a heavy duty engine are theoretically designed for infinite life without mechanical fatigue failure. Yet the life of an engine is in reality determined by wear of the critical parts. Even if an engine is designed and built to have normal wear life, abnormal wear takes place either due to special working conditions or increased loading. Understanding abnormal and normal wear enables the engineer to control the external conditions leading to premature wear, or to design the critical parts that have longer wear life and hence lower costs. The literature on wear phenomenon related to engines is scattered in numerous periodicals and books. For the first time, Lakshminarayanan and Nayak bring the tribological aspects of different critical engine components together in one volume, covering key components like the liner, piston, rings, valve, valve train and bearings, with methods to identify and quantify wear. The first book to combine solutions to critical component wear in one volume Presents real world case studies with suitable mathematical models for earth movers, power generators, and sea going vessels Includes material from researchers at Schaeffer Manufacturing (USA), Tekniker (Spain), Fuchs (Germany), BAM (Germany), Kirloskar Oil Engines Ltd (India) and Tarabusi (Spain) Wear simulations and calculations included in the appendices Instructor presentations slides with book figures available from the companion site Critical Component Wear in Heavy Duty Engines is aimed at postgraduates in automotive engineering, engine design, tribology, combustion and practitioners involved in engine R&D for applications such as commercial vehicles, cars, stationary engines (for generators, pumps, etc.), boats and ships. This book is also a key reference for senior undergraduates looking to move onto advanced study in the above topics, consultants and product managers in industry, as well as engineers involved in design of furnaces, gas turbines, and rocket combustion. Companion website for the book: www.wiley.com/go/lakshmi

"This informative book will appeal to academics and researchers of industrial organization, economics and corporate reform as well as those involved in Asian studies."--BOOK JACKET.

This volume comprises papers presented at the 2nd International Conference on Advanced Nondestructive Evaluation (ANDE 2007) held in Busan, Korea, on October 17–19, 2007. Many of the excellent papers included in this book show the current state of nondestructive technologies, which are experiencing rapid progress with the integration of emerging technologies in various fields. As such, this volume provides an avenue for both specialists and scholars to share their ideas and the results of their findings in the field of nondestructive evaluation.

Noble Gases—Advances in Research and Application: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Noble Gases. The editors have built Noble Gases—Advances in Research and Application: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Noble Gases

in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Noble Gases—Advances in Research and Application: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

This volume comprises papers presented at the 2nd International Conference on Advanced Nondestructive Evaluation (ANDE 2007) held in Busan, Korea, on October 17-19, 2007. Many of the excellent papers included in this book show the current state of nondestructive technologies, which are experiencing rapid progress with the integration of emerging technologies in various fields. As such, this volume provides an avenue for both specialists and scholars to share their ideas and the results of their findings in the field of nondestructive evaluation.

[Copyright: 30acd9e3a4b9466b12c1574b51b47e67](#)