

ASME 이용 매뉴얼

AMERICAN
SOCIETY OF
MECHANICAL
ENGINEERS

신원데이터넷

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1. 출판사 소개 및 수록내용
2. ASME 메인 화면
3. Browse by Journal/Proceedings/eBook
4. Search in ASME (일반 검색, 상세 검색)

□ 출판사 소개

기계공학 관련 출판사인 American Society of Mechanical Engineers(ASME)는, Technical ,educational and research issue를 추구하는 세계적인 Engineering Society 입니다.

□ URL : <https://asmedigitalcollection.asme.org/>

□ 수록내용

Journals

- 주제분야 : 기계공학
- 제공연도 : 1880 ~ 현재
- 제공종수 : 36종 + AMR Journal(Applied Mechanics Reviews journal)

2. ASME 메인 화면



Sign In ▾

로그인

일반 검색 및 상세 검색

Journals ▾ Conference Proceedings ▾ eBooks ▾ Standards Publishing Partners ▾ Resources ▾

Search...

All Content ▾



Advanced Search

The ASME Digital Collection

ASME's authoritative, online reference of current and archival literature. It provides unparalleled depth, breadth, and quality of peer-reviewed content including journals, conference proceedings and ASME Press books. [Read more...](#)

Publishing Partners



American Society of
Mechanical Engineers



ASTM INTERNATIONAL



American Welding
Society



Business Expert Press

Publishing Partners, Newest
Content, Topic Collections 등
ASME 정보 제공

Newest Content



Journal of Offshore Mechanics and Arctic Engineering, February 2025, Volume 147,
Issue 1

Topic Collections

Aerospace Industry
Applied Mechanics
Automotive Systems
Biomechanical Engineering

3. Browse by Journal in ASME

The screenshot shows the ASME Digital Collection website interface. At the top left is the ASME logo with the text 'DIGITAL COLLECTION' and 'THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS'. On the right, there are links for 'Cart' and 'Sign In'. A navigation bar contains 'Journals', 'Conference Proceedings', 'eBooks', 'Standards', 'Publishing Partners', and 'Resources'. A search bar is also present. The 'Journals' dropdown menu is open, listing various journals such as 'All Journals', 'Virtual Issues', 'Mechanical Engineering Magazine Select Articles', 'Applied Mechanics Reviews', 'ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering', 'ASME Letters in Dynamic Systems and Control', 'ASME Open Journal of Engineering', 'Journal of Applied Mechanics', 'Journal of Autonomous Vehicles and Systems', 'Journal of Biomechanical Engineering', 'Journal of Computational and Nonlinear Dynamics', and 'Journal of Computing and Information Science in Engineering'. A callout box with a blue border and white background points to the 'All Journals' option, containing the Korean text 'ASME 전체 제공 Journal 확인'. Below the menu, there are logos for 'ASTM INTERNATIONAL', 'American Welding Society', and 'Business Expert Press'. A 'Topic Collections' section lists categories like 'Aerospace Industry', 'Applied Mechanics', 'Automotive Systems', 'Biomechanical Engineering', and 'Biomedical Engineering'.

3. Browse by Journal > 저널 선택 화면

The screenshot shows the ASME Mechanical Engineering Magazine website. The main heading is "Mechanical Engineering Magazine Select Articles". The navigation bar includes "Issues", "All Years", "Purchase", and "About". A search bar is present with a dropdown menu set to "Mechanical Eng".

Annotations:

- 저널 내 검색** (Search in journal): Points to the search bar.
- 제공 콘텐츠 Issue 정보** (Issue information provided content): Points to the "Issues" menu item.
- 저널 소개** (Journal introduction): Points to the "About the Journal" section.
- 해당 저널에 수록된 원문 최신순, 열람순, 인용순 보기** (View original articles in this journal sorted by latest, most read, or most cited): Points to the "Latest", "Most Read", and "Most Cited" tabs.
- Featured Article, Popular Article 제공** (Provided featured and popular articles): Points to the featured article sections.

Content Details:

- CURRENT ISSUE:** May 2024, Volume 146, Issue 3. Includes a "View This Issue" button.
- ISSUES IN PROGRESS:** Volume 146, Issue 4, July 2024.
- Featured Article, Popular Article 제공:** "Most Downloaded Article" is "Dynamics Systems and Controls".
- Article List (under Latest tab):**
 - Fortifying the Pipeline (Mechanical Engineering (July 2024))
 - Gold Medal Engineering (Mechanical Engineering (July 2024))
 - Generation on the Rise (Mechanical Engineering (July 2024))
 - What is Mechanical Engineering? (Mechanical Engineering (July 2024))

3. Browse by Journal > 아티클 선택 화면

Mechanical Engineering Magazine Select Articles

Issues All Years Purchase About

Search... Mechanical Eng Advanced Search

Volume 146, Issue 4
July 2024
In Progress

mechanical engineering magazine
Select Articles
ASME

RESEARCH-ARTICLE

What is Mechanical Engineering?

In a World of Diverse Challenges, Mechanical Engineers are Developing the Solutions. Their Contributions Have Never Been as Valuable As They are Today.

Mary Frecker, Chris Dames, Jonathan Cagan, Donald J. Siegel, Assimina Pelegri, Anthony Jacobi, David Erickson, Devesh Ranjan

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New Issue Alert

Cited By

Google Scholar

Article Contents

- Abstract
- MEs solve societal challenges
- MEs share core knowledge
- MEs are creative and collaborative
- MEs follow diverse career paths

Abstract

In a World of Diverse Challenges, Mechanical Engineers are Developing the Solutions. Their Contributions Have Never Been as Valuable As They are Today.

“Almost everyone comes into contact with the products of mechanical engineering on a daily basis, but very few people—including some engineers themselves—can provide a succinct explanation of what mechanical engineering is.”

Topics: Mechanical engineering, Mechanical engineers, Engineers

Latest Most Read Most Cited

- Fortifying the Pipeline
Mechanical Engineering (July 2024)
- Gold Medal Engineering
Mechanical Engineering (July 2024)
- Generation on the Rise
Mechanical Engineering (July 2024)

화면 분할, 수치&표, PDF 보기 SNS&eMail 공유, 인용 정보, 저작권 정보 확인

원문 목차

해당 저널 최신, 열람, 인용 순 원문 보기 및 해당 원문 관련 원문, 프로시딩, 챕터 제공

3. Browse by Proceedings in ASME

The screenshot displays the ASME Digital Collection website interface. At the top, the ASME logo and 'DIGITAL COLLECTION' are visible, along with 'THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS'. Navigation tabs include Journals, Conference Proceedings, eBooks, Standards, Publishing Partners, and Resources. A search bar and 'Sign In' button are also present. A dropdown menu for 'Conference Proceedings' is open, listing options: 'ASME Conference Proceedings', 'All Conference Proceedings', 'Browse by Series', 'Browse by Subject Category', and 'Browse by Year'. A callout box with Korean text points to this menu: '전체 프로시딩, 시리즈별, 주제분야별, 연도별 프로시딩 열람 가능'. Below the navigation, there is a 'Publishing Partners' section with logos for ASME, ASTM International, American Welding Society, and Business Expert Press. The 'Newest Content' section features two journal covers with their respective titles and dates. The 'Topic Collections' section lists various engineering fields.

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Navigation: Journals | **Conference Proceedings** | eBooks | Standards | Publishing Partners | Resources

Search: Search... All Content | Advanced Search

Conference Proceedings dropdown menu:
ASME Conference Proceedings
All Conference Proceedings
Browse by Series
Browse by Subject Category
Browse by Year

Callout text: 전체 프로시딩, 시리즈별, 주제분야별, 연도별 프로시딩 열람 가능

Publishing Partners: ASME (American Society of Mechanical Engineers), ASTM International, American Welding Society, Business Expert Press.

Newest Content:
Journal of Offshore Mechanics and Arctic Engineering, February 2025, Volume 147, Issue 1
Journal of Engineering and Science in Medical Diagnostics and Therapy, February 2025,

Topic Collections: Aerospace Industry, Applied Mechanics, Automotive Systems, Biomechanical Engineering, Biomedical Engineering, Boilers & Pressure Vessels.

3. Browse by Proceedings in ASME



ASME 메인페이지 > Conferences > All Conference Proceedings 클릭

Cart Sign In

Conference Proceedings

전체 프로시딩 내 검색

Browse by Series Browse by Subject Category Browse by Year Topic Collections About

Search... All Proceedings Advanced Search

시리즈, 주제분야, 연도, 컬렉션별 보기 및 ASME 프로시딩 정보 제공

About ASME Conference Publications and Proceedings

The requirement to publish has increased the visibility of conferences as the first venue to present and publish research. Taking this into account, ASME's primary commitment is to the integrity and quality of conference proceedings publishing. [Read more...](#)

최신 프로시딩 목록

Latest Conference Proceedings



ASME 2020 Dynamic Systems and Control Conference



2020 13th International Pipeline Conference



FEATURED TOPIC
Indexing and Discovery

3. Browse by Proceedings by category



Conference Proceedings

시리즈, 주제분야, 연도, 컬렉션별 보기 및 ASME 프로시딩 정보 제공

Browse by Series | Browse by Subject Category | Browse by Year | Topic Collections | About

Search... All Proceedings Advanced Search

Browse by Series

- ASME International Mechanical Engineering Congress and Exposition (IMECE)
Series Home | Latest Proceedings | All Years
- ASME/JSME Thermal Engineering Joint Conference (AJTEC)
Series Home | Latest Proceedings | All Years
- ANES/ASME Joint National Solar Energy Week (ANES/ASME)
Series Home | Latest Proceedings | All Years
- ASME Asia Pacific Pipeline Conference (APPC)
Series Home | Latest Proceedings | All Years

Browse By Year

Select Decade: 1950 1960 1970 1980 1990 2000 2010 2020

Select Year: 2020 2021 2022

2022

- + 2022 Design of Medical Devices Conference (DMD2022)
- + ASME 2022 16th International Conference on Energy Sustainability collocated with the ASME 2022 Heat Transfer Summer Conference (ES2022)
- + ASME 2022 Fluids Engineering Division Summer Meeting (FEDSM2022)

Browse by Subject Category

- Multidisciplinary Engineering
- Biomedical and Biotechnology Engineering
- Design Engineering
- Manufacturing and Materials Engineering
- Microtechnology and Nanotechnology
- Nuclear Engineering
- Power and Energy
- Pressure Technology

ASME Topic Collections

Topic Collections offer a quick and easy way to track up-to-the-minute content published by ASME on the topics that interest you.

- Aerospace Industry
- Applied Mechanics
- Automotive Systems
- Biomechanical Engineering
- Biomedical Engineering

3. 검색 방법-Browse by eBook in ASME

ASME eBooks 클릭

Journals | Conference Proceedings | **eBooks** | Standards | Publishing Partners | Resources

Search... All Content | Advanced Search

eBooks

연도, 타이틀, 주제분야별 보기 및 ASME eBook 정보 제공

Browse by Year | Browse by Title | Browse by Subject | For Authors | About

Search... All eBooks | Advanced Search

전체 eBook 내 검색

ASME eBooks

ASME Press is an imprint of The American Society of Mechanical Engineers (ASME), established to publish books and now eBooks, including and beyond the Society's traditional programs of publications sponsored by ASME's technical divisions. ASME Press has over 300 titles in print and *The ASME Digital Collection* currently contains over 200 new and classic eBooks.

최신 eBook 자료

Newest eBooks

- Electromagnetic Waves and Heat Transfer: Sensitivites to Governing Variables in Everyday Life
- Computer Vision for Structural Dynamics and Health Monitoring

4. Search in ASME (일반 검색)



검색어 입력 후, Search 클릭

Journals ▾ Conference Proceedings ▾ eBooks ▾ Standards Publishing Partners ▾ Resources ▾

Search... All Content ▾ Advanced Search

Update Search

engineering

Filter ▾

Add term Update

Journal citation ▶

Format

- Journal (23)
- Journal Articles (151287)
- eBook (2234)
- eBook Chapter (29111)
- Proceedings Papers (186620)

Show more

Publisher

- ASME (454506)
- American Society of Mechanical Engineers (186641)
- ASTM International (35339)
- ASME Press (6839)

1-20 of 684339 Search Results for **engineering**

Sort by Relevancy ▾

검색 결과

검색 결과 관련도, 최신, 과거순 정렬

저널 정보, 포맷, 주제, 저널, eBook, 컨퍼런스 시리즈, 주제분야, 출판일 등으로 결과 필터

JOURNAL

Journal of **Engineering** and Science in Medical Diagnostics and Therapy
Publisher: ASME

JOURNAL

Mechanical **Engineering**
Publisher: ASME

JOURNAL

ASME Journal of **Engineering** for Sustainable Buildings and Cities
Publisher: ASME

JOURNAL

ASME Open Journal of **Engineering**
Publisher: ASME

4. Search in ASME (상세검색)

ASME DIGITAL COLLECTION
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Search... All Content Advanced Search

1-20 of 684339 Search Results for **engineering**

Sort by Relevancy

Filter 클릭하여 타이틀, 저자, 키워드, ISBN 등 검색 결과 추가 필터링 가능

JOURNAL
Mechanical **Engineering**
Publisher: ASME
Mechanical **Engineering** magazine is the award-winning monthly flagship publication of ASME. The magazine delivers an interdisciplinary view into **engineering** trends and breakthroughs, giving readers a roadmap to better understand today's technology and tomorrow's innovations.

JOURNAL
ASME Journal of **Engineering** for Sustainable Buildings and Cities
Publisher: ASME
This journal publishes high-quality research on integrated and sustainable building equipment and systems (ISBES) for individual buildings as well as urban centers.

JOURNAL
ASME Open Journal of **Engineering**
Publisher: ASME

<ASME IP Block 관련 주의 사항>

불법 프로그램 사용, 이용자 계정 해킹 또는 과도한 원문 열람 및 다운로드 시 ASME Server에서 해당 PC IP 대역을 자동 차단합니다.

ASME에서는 해당 기관 담당자에게 위 사실을 E-mail로 통보하며 차단된 IP 대역의 Access 복구를 위하여, 과다 다운로드에 대한 자세한 조사 내역과 과다 다운로드 예방을 위한 기관 내 사후조치를 명시한 사유서 등을 기관 담당자에게 요청할 수 있습니다.

ASME 이용자분들께서는 불법/대량 다운로드 프로그램/시스템 이용을 삼가 주시고 단 시간 내 과다한 ASME Full Text 다운로드를 자제하여 주시기 바랍니다.

감사합니다

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