

Asia-Pacific Heavy Electric Commercial Truck (Class 8) Market Research Report Forecast to 2030

Market Report | 2023-05-10 | 139 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price \$2950.00
- Enterprisewide Price \$5250.00

Report description:

Asia-Pacific Heavy Electric Commercial Truck (Class 8) Market Research Report Forecast to 2030

Market Overview

The Asia-Pacific heavy electric commercial truck (CLASS 8) is rapidly growing due to government initiatives to encourage the adoption of electric trucks and low operating costs. Furthermore, growth in demand within fleets is likely to present a growth opportunity for the players in the Asia-Pacific market. The class 8 electric Truck is part of a six-strong fleet of all-electric heavy trucks. It comes in four- and six-battery versions, with 4x2, 6x2, or 6x4 truck or tractor combinations for the former, and a 6x2 or 6x4 tractor for the latter. The gross Truck weight of a Class 8 truck exceeds 33,000 pounds. Heavy trucks typically have three axles, but some have five axles to tow a trailer with significant weight.

The Asia-Pacific heavy commercial electric truck (Class 8) market is rapidly growing due to government initiatives to encourage the adoption of electric trucks and low operating costs. However, the market's growth is hampered by underdeveloped charging infrastructure and poor aftermarket services. Growth in demand within fleets is an opportunity for the growth of the Asia-Pacific heavy commercial electric truck (Class 8) market.

The Asia-Pacific heavy electric commercial truck (CLASS 8) market is projected to grow at 29.26% CAGR during the forecast period, 2022-2030. In 2021, the heavy electric commercial truck (CLASS 8) market was dominated by China with a 44.28% share, followed by Japan, India, and South Korea with shares of 15.28%, 14.26%, and 8.27% respectively.

Market Segmentation

The Asia-Pacific heavy electric commercial truck (CLASS 8) market has been segmented based on propulsion type, range, end-use industry, and country. Based on propulsion type, the Asia-Pacific heavy electric commercial truck (CLASS 8) market has been segmented into BEV, HEV, PHEV, and FCEV. The BEV segment is expected to grow at 28.24% during the forecast period.

Based on range, the Asia-Pacific heavy electric commercial truck (CLASS 8) market has been segmented into Upto 150 Miles, 151-300 Miles, and Above 300 Miles. The 151-300 Miles segment is expected to grow at 28.96% % during the forecast period.

Based on end-use industry, the Asia-Pacific heavy electric commercial truck (CLASS 8) market has been segmented into Airports, Seaports, Logistics, Mining & Construction, Industrial, and Others. The logistics segment is expected to grow at 28.70% during the

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

forecast period.

Regional Analysis

China is a major industrial hub and one of the fastest-growing economies in Asia-Pacific. It is an important and one of the fastest-growing markets for heavy commercial electric trucks. The market in China is expected to show rising demand in the forecasted period due to rising government initiatives in promoting the use of low-carbon emission vehicles. Additionally, the rising price of crude oil and advancements in the electric truck class 8 market has also increased the demand significantly. Furthermore, China is a major automobile manufacturing country; this has resulted in many major manufacturers shifting their focus on the electric truck segment seeing the rising demand from the market.

Major Players

Ab Volvo, Daimler Ag, BYD Company Limited, Navistar, Scania, Hino Motors, Ltd, Man Se, Isuzu Motors Ltd, GAUSSIN, Foton Motor Inc, Dongfeng Motor Corporation, Ltd.

Table of Contents:

TABLE OF CONTENTS

1 EXECUTIVE SUMMARY

1.1 ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE

1.2 ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE

1.3 ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY

2 MARKET INTRODUCTION

2.1 DEFINITION

2.2 SCOPE OF THE STUDY

2.3 RESEARCH OBJECTIVE

2.4 MARKET STRUCTURE

3 RESEARCH METHODOLOGY

3.1 RESEARCH PROCESS

3.2 PRIMARY RESEARCH

3.3 SECONDARY RESEARCH

3.4 MARKET SIZE ESTIMATION

3.5 FORECAST MODEL

3.6 LIST OF ASSUMPTIONS

4 MARKET DYNAMICS

4.1 INTRODUCTION

4.2 DRIVERS

4.2.1 GOVERNMENT INITIATIVES TO ENCOURAGE THE ADOPTION OF ELECTRIC TRUCKS

4.2.2 LOW OPERATING COST

4.2.3 DRIVER IMPACT ANALYSIS

4.3 RESTRAINTS

4.3.1 UNDERDEVELOPED CHARGING INFRASTRUCTURE AND POOR AFTERMARKET SERVICES

4.3.2 RESTRAINT IMPACT ANALYSIS

4.4 OPPORTUNITY

4.4.1 GROWTH IN DEMAND WITHIN FLEETS

4.5 COVID-19 IMPACT ANALYSIS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.5.1□ECONOMIC IMPACT ON THE OVERALL AUTOMOTIVE INDUSTRY
- 4.5.2□IMPACT ON AUTOMOTIVE PRODUCTION
- 4.5.3□IMPACT ON HEAVY COMMERCIAL ELECTRIC TRUCK (CLASS 8) MARKET
- 4.5.3.1□IMPACT ON SUPPLY CHAIN
- 4.5.3.2□CASH FLOW CONSTRAINTS
- 4.5.4□IMPACT ON WORLD TRADE
- 5□MARKET FACTOR ANALYSIS
- 5.1□PORTER'S FIVE FORCES MODEL
- 5.1.1□THREAT OF NEW ENTRANTS
- 5.1.2□BARGAINING POWER OF SUPPLIERS
- 5.1.3□THREAT OF SUBSTITUTES
- 5.1.4□BARGAINING POWER OF BUYERS
- 5.1.5□INTENSITY OF RIVALRY
- 5.2□SUPPLY CHAIN ANALYSIS
- 5.2.1□DESIGN & DEVELOPMENT
- 5.2.2□RAW MATERIAL/COMPONENT SUPPLY
- 5.2.3□SALES & DISTRIBUTION
- 5.2.4□END USE
- 6□ASIA-PACIFIC HEAVY COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE
- 6.1□OVERVIEW
- 7□ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE
- 7.1□OVERVIEW
- 7.2□BEV
- 7.3□HEV
- 7.4□PHEV
- 7.5□FCEV
- 8□ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE
- 8.1□OVERVIEW
- 8.2□UP TO 150 MILES
- 8.3□151-300 MILES
- 8.4□ABOVE 300 MILES
- 9□ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY
- 9.1□OVERVIEW
- 9.2□AIRPORTS
- 9.3□SEAPORTS
- 9.4□LOGISTICS
- 9.5□MINING & CONSTRUCTION
- 9.6□INDUSTRIAL
- 9.7□OTHERS
- 10□ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY COUNTRY
- 10.1□OVERVIEW
- 10.1.1□ASIA-PACIFIC HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY COUNTRY, 2018-2030
- 10.2□CHINA
- 10.2.1□CHINA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030
- 10.2.2□CHINA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030
- 10.2.3□CHINA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030
- 10.3□INDIA

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.3.1 INDIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.3.2 INDIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.3.3 INDIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.4 JAPAN

10.4.1 JAPAN: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.4.2 JAPAN: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.4.3 JAPAN: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.5 SOUTH KOREA

10.5.1 SOUTH KOREA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.5.2 SOUTH KOREA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.5.3 SOUTH KOREA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.6 AUSTRALIA

10.6.1 AUSTRALIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.6.2 AUSTRALIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.6.3 AUSTRALIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.7 NEW ZEALAND

10.7.1 NEW ZEALAND: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.7.2 NEW ZEALAND: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.7.3 NEW ZEALAND: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.8 SINGAPORE

10.8.1 SINGAPORE: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.8.2 SINGAPORE: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.8.3 SINGAPORE: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.9 MALAYSIA

10.9.1 MALAYSIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.9.2 MALAYSIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.9.3 MALAYSIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.10 THAILAND

10.10.1 THAILAND: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.10.2 THAILAND: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.10.3 THAILAND: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.11 INDONESIA

10.11.1 INDONESIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.11.2 INDONESIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.11.3 INDONESIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.12 PHILIPPINES

10.12.1 PHILIPPINES: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.12.2 PHILIPPINES: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.12.3 PHILIPPINES: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.13 VIETNAM

10.13.1 VIETNAM: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.13.2 VIETNAM: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.13.3 VIETNAM: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

10.14 CAMBODIA

10.14.1 CAMBODIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030

10.14.2 CAMBODIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030

10.14.3 CAMBODIA: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.15 LAOS
 - 10.15.1 LAOS: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030
 - 10.15.2 LAOS: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030
 - 10.15.3 LAOS: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030
- 10.16 REST OF ASIA-PACIFIC
 - 10.16.1 REST OF ASIA-PACIFIC: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY PROPULSION TYPE, 2018-2030
 - 10.16.2 REST OF ASIA-PACIFIC: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY RANGE, 2018-2030
 - 10.16.3 REST OF ASIA-PACIFIC: HEAVY ELECTRIC COMMERCIAL TRUCK (CLASS 8) MARKET, BY END-USE INDUSTRY, 2018-2030
- 11 COMPETITIVE LANDSCAPE
 - 11.1 OVERVIEW
 - 11.2 COMPETITIVE BENCHMARKING
 - 11.3 MARKET SHARE ANALYSIS
 - 11.4 KEY DEVELOPMENTS IN THE GLOBAL BRAKING SYSTEM MARKET
 - 11.4.1 ACQUISITION
 - 11.4.2 PARTNERSHIP
 - 11.4.3 EXPANSION
 - 11.4.4 PRODUCT LAUNCH
- 12 COMPANY PROFILES
 - 12.1 AB VOLVO
 - 12.1.1 COMPANY OVERVIEW
 - 12.1.2 FINANCIAL OVERVIEW
 - 12.1.3 PRODUCTS OFFERED
 - 12.1.4 KEY DEVELOPMENTS
 - 12.1.5 SWOT ANALYSIS
 - 12.1.6 KEY STRATEGY
 - 12.2 DAIMLER AG
 - 12.2.1 COMPANY OVERVIEW
 - 12.2.2 FINANCIAL OVERVIEW
 - 12.2.3 PRODUCTS OFFERED
 - 12.2.4 KEY DEVELOPMENTS
 - 12.2.5 SWOT ANALYSIS
 - 12.2.6 KEY STRATEGIES
 - 12.3 BYD COMPANY LIMITED
 - 12.3.1 COMPANY OVERVIEW
 - 12.3.2 FINANCIAL OVERVIEW
 - 12.3.3 PRODUCTS OFFERED
 - 12.3.4 KEY DEVELOPMENTS
 - 12.3.5 SWOT ANALYSIS
 - 12.3.6 KEY STRATEGIES
 - 12.4 NAVISTAR, INC.
 - 12.4.1 COMPANY OVERVIEW
 - 12.4.2 FINANCIAL OVERVIEW
 - 12.4.3 PRODUCTS OFFERED
 - 12.4.4 KEY DEVELOPMENTS
 - 12.4.5 SWOT ANALYSIS
 - 12.4.6 KEY STRATEGIES
 - 12.5 SCANIA

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.5.1 COMPANY OVERVIEW
- 12.5.2 FINANCIAL OVERVIEW
- 12.5.3 PRODUCTS OFFERED
- 12.5.4 KEY DEVELOPMENTS
- 12.5.5 SWOT ANALYSIS
- 12.5.6 KEY STRATEGIES
- 12.6 HINO MOTORS, LTD.
- 12.6.1 COMPANY OVERVIEW
- 12.6.2 FINANCIAL OVERVIEW
- 12.6.3 PRODUCTS OFFERED
- 12.6.4 KEY DEVELOPMENTS
- 12.6.5 SWOT ANALYSIS
- 12.6.6 KEY STRATEGIES
- 12.7 MAN SE
- 12.7.1 COMPANY OVERVIEW
- 12.7.2 FINANCIAL OVERVIEW
- 12.7.3 PRODUCTS OFFERED
- 12.7.4 KEY DEVELOPMENTS
- 12.7.5 SWOT ANALYSIS
- 12.7.6 KEY STRATEGIES
- 12.8 ISUZU MOTORS LTD
- 12.8.1 COMPANY OVERVIEW
- 12.8.2 FINANCIAL OVERVIEW
- 12.8.3 PRODUCTS OFFERED
- 12.8.4 KEY DEVELOPMENTS
- 12.8.5 SWOT ANALYSIS
- 12.8.6 KEY STRATEGIES
- 12.9 GAUSSIN
- 12.9.1 COMPANY OVERVIEW
- 12.9.2 FINANCIAL OVERVIEW
- 12.9.3 PRODUCTS OFFERED
- 12.9.4 KEY DEVELOPMENTS
- 12.9.5 SWOT ANALYSIS
- 12.9.6 KEY STRATEGIES
- 12.10 FOTON MOTOR INC
- 12.10.1 COMPANY OVERVIEW
- 12.10.2 FINANCIAL OVERVIEW
- 12.10.3 PRODUCTS OFFERED
- 12.10.4 KEY DEVELOPMENTS
- 12.10.5 SWOT ANALYSIS
- 12.10.6 KEY STRATEGIES
- 12.11 DONGFENG MOTOR CORPORATION
- 12.11.1 COMPANY OVERVIEW
- 12.11.2 FINANCIAL OVERVIEW
- 12.11.3 PRODUCTS OFFERED
- 12.11.4 KEY DEVELOPMENTS
- 12.11.5 SWOT ANALYSIS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Asia-Pacific Heavy Electric Commercial Truck (Class 8) Market Research Report Forecast to 2030

Market Report | 2023-05-10 | 139 pages | Market Research Future

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	\$2950.00
	Enterprisewide Price	\$5250.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-13"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com