



#### Asia-Pacific Elevators and Escalators Market Report 2020

Chapters: 18

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#### **Product Summary**

#### **Definition**

Escalators are necessary "moving stairs" that carrying public up or down between levels of a building. But elevator is a room type lift which hold few number of people at one time and transport people up and down between levels of building.

Elevators are used in multi storied buildings such as offices, apartments, banks, hospitals, etc. But escalator are used in malls, metro and railway station, etc.

#### **Top Manufacturers Status**

- 1. Kone
- 2. Otis
- 3. Schindler Group
- 4. Mitsubishi Electric
- 5. Toshiba
- 6. Hitachi
- 7. Fujitec
- 8. Hyundai
- 9. Yungtay Engineering
- 10. Canny Elevator
- 11. Volkslift
- 12. Syney Elevator
- 13. Sicher Elevator
- 14. SJEC
- 15. Guangri Elevator
- 16. Hangzhou XiOlift
- 17. Edunburgh Elevator
- 18. Suzhou Diao
- 19. CNYD
- 20. Meilun Elevator
- 21. IFE Elevators
- 22. Joylive Elevator
- 23. Dongnan Elevator

Market Segment by Countries, this report splits Asia-Pacific into several key Countries, with sales, revenue, market share of top players in these Countries, from 2015 to 2026 (forecast), like

- 24. China
- 25. Japan
- 26. Korea
- 27. Malaysia
- 28. India
- 29. Australia
- 30. Indonesia
- 31. Thailand
- 32. Philippines

### Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

- 1. Elevators
- 2. Escalators
- 3. Moving Walkways

### Split by applications, this report focuses on sales, market share and growth rate of Elevators and Escalators in each application, can be divided into

- 1. Commercial
- 2. Industrial
- 3. Residential
- 4. Transportation Hub

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# 1 Elevators and Escalators Market Overview

### 1.1 Product Overview and Scope of Elevators and Escalators

Escalators are necessary "moving stairs" that carrying public up or down between levels of a building. But elevator is a room type lift which hold few number of people at one time and transport people up and down between levels of building. Elevators are used in multi storied buildings such as offices, apartments, banks, hospitals, etc. But escalator are used in malls, metro and railway station, etc.

Figure Picture of Elevators and Escalators

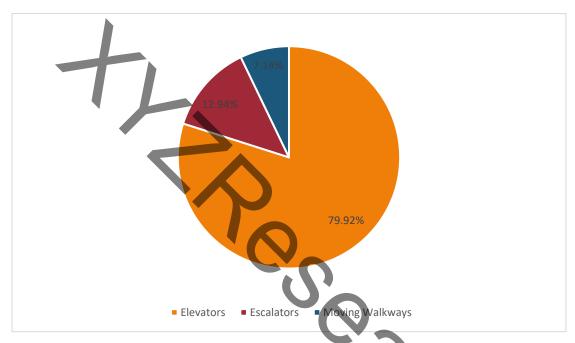


Source: Secondary Information and XYZ-Research Research Center; 2020

#### 1.2 Elevators and Escalators Segment by Types

### 1.2.1 Asia-Pacific Sales Market Share of Elevators and Escalators by Types in 2019

Figure Asia-Pacific Sales Market Share of Elevators and Escalators by Types in 2019



Source: Secondary Information, Expert Interviews and XYZ-Research Research Center; 2020

#### 1.2.2 Elevators

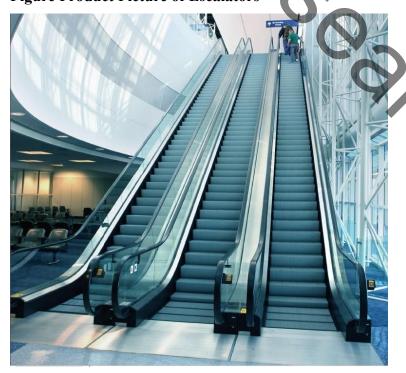
**Figure Product Picture of Elevators** 



Source: Secondary Information and XYZ-Research Research Center; 2020

#### 1.2.3 Escalators

**Figure Product Picture of Escalators** 



Source: Secondary Information and XYZ-Research Research Center; 2020

#### 1.2.4 Moving Walkways

Figure Product Picture of Moving Walkways



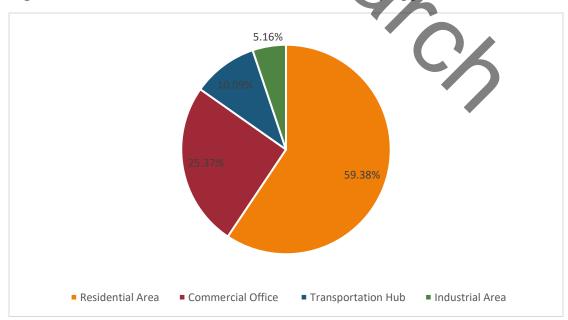
Source: Secondary Information

and XYZ-Research Research Center; 2020

#### 1.3 Elevators and Escalators Segment by Applications

### 1.3.1 Elevators and Escalators Sales Market Share by Applications in 2019

Figure Elevators and Escalators Sales Market Share by Applications in 2019



Source: Secondary Information, Expert Interviews and XYZ-Research Research Center; 2020

#### 1.3.2 Commercial

#### **Figure Commercial Examples**



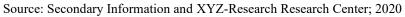


Source: Secondary Information and XYZ-Research Research Center; 2020

#### 1.3.3 Industrial

Figure Industrial Examples





#### 1.3.4 Residential

Figure Residential Examples



Source: Secondary Information and XYZ-Research Research Center; 2020

#### 1.3.5 Transportation Hub

**Figure Transportation Hub Examples** 

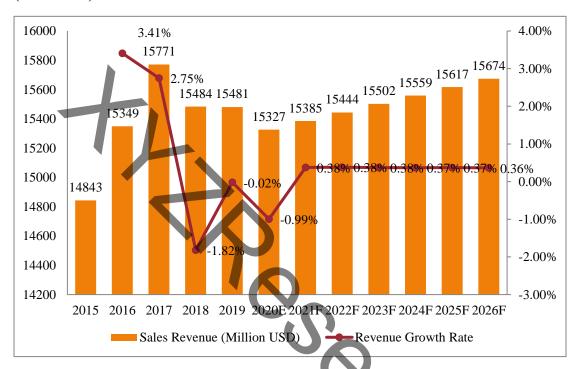


Source: Secondary Information and XYZ-Research Research Center; 2020

#### 1.4 Elevators and Escalators Market by Countries

#### **1.4.1 China Status and Prospect (2015-2026)**

Figure China Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

#### 1.4.2 Japan Status and Prospect (2015-2026)

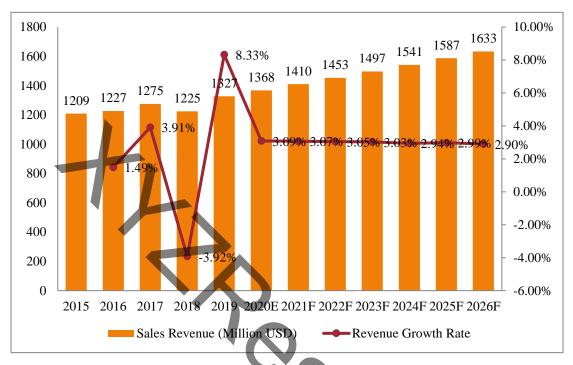
Figure Japan Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

#### 1.4.3 Korea Status and Prospect (2015-2026)

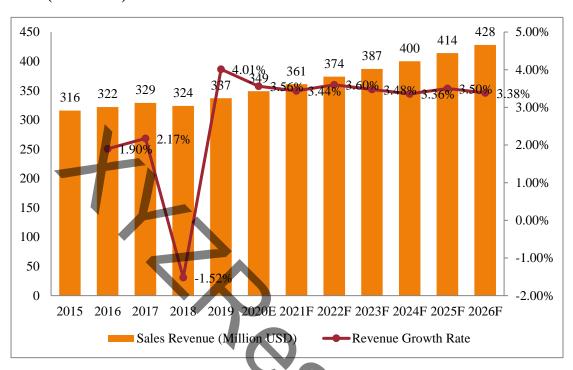
Figure Korea Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

#### 1.4.4 Malaysia Status and Prospect (2015-2026)

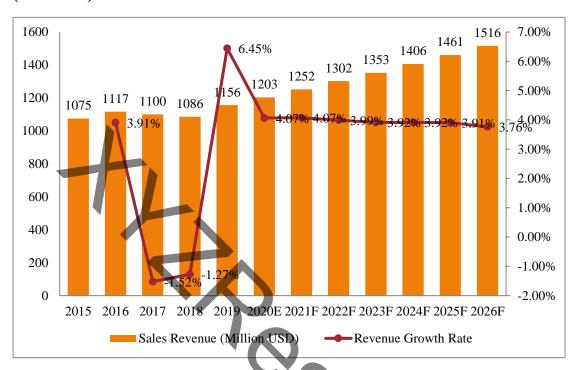
Figure Malaysia Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

#### **1.4.5 India Status and Prospect (2015-2026)**

Figure India Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

#### 1.4.6 Australia Status and Prospect (2015-2026)

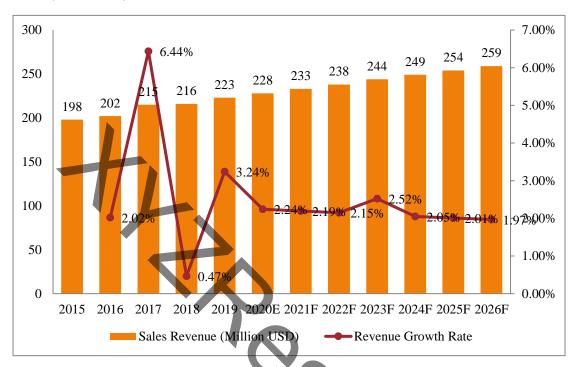
Figure Australia Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

#### 1.4.7 Indonesia Status and Prospect (2015-2026)

Figure Indonesia Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information and XYZ-Research Research Center; 2020

### 1.5 Asia-Pacific Elevators and Escalators Overview and Market Size (Value) (2015-2026)

#### 1.5.1 Asia-Pacific Market Elevators and Escalators Overview

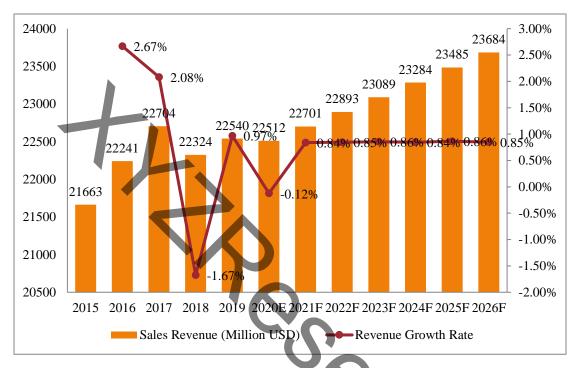
Figure Asia-Pacific Elevators and Escalators Sales (K Units) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

### 1.5.2 Asia-Pacific Market Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)

Figure Asia-Pacific Elevators and Escalators Revenue (Million USD) and Growth Rate (2015-2026)



Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

# 2 Asia-Pacific Elevators and Escalators Sales, Revenue (Value) and Market Share by Players

## 2.1 Asia-Pacific Elevators and Escalators Sales and Market Share in 2018 and 2019 by Players

Table Asia-Pacific Elevators and Escalators Sales by Players in 2018 and 2019

Tuble 11910 1 delile 120 tubels und Escalators buieb by 1 layers in 2010 und 2019			
Sales (K Units)	2018	2019	
Kone	хх	XX	
Otis	xx	XX	
Schindler Group	xx	XX	
Mitsubishi Electric	XX	XX	
Toshiba	хх	XX	
Hitachi	XX	XX	
Fujitec	ХХ	XX	
Hyundai	XX	XX	
Yungtay Engineering	хх	XX	
Canny Elevator	xx	XX	
Volkslift	XX	XX	
Syney Elevator	XX	XX	
Sicher Elevator	xx	XX	
SJEC	XX	XX	
Guangri Elevator	xx	XX	
Hangzhou XiOlift	xx	XX	
Edunburgh Elevator	xx	XX	
Suzhou Diao	xx	XX	
CNYD	xx	XX	
Meilun Elevator	xx	xx	
IFE Elevators	xx	xx	
Joylive Elevator	xx	xx	
Dongnan Elevator	xx	XX	
Asia-Pacific Other	xx	xx	
Total	XX	XX	

Table Asia-Pacific Elevators and Escalators Sales Market Share (%) by Players in 2018 and 2019

Sales (K Units)	2018	2019
Kone	ХХ	XX
Otis	XX	XX
Schindler Group	ХХ	XX
Mitsubishi Electric	XX	XX
Toshiba	xx	XX
Hitachi	XX	XX
Fujitec	xx	XX
Hyundai	XX	XX
Yungtay Engineering	XX	XX
Canny Elevator	XX	XX
Volkslift	xx	XX
Syney Elevator	xx	XX
Sicher Elevator	XX	XX
SJEC	xx	XX
Guangri Elevator	xx	XX
Hangzhou XiOlift	xx	XX
Edunburgh Elevator	XX	XX
Suzhou Diao	ХХ	XX
CNYD	XX	XX
Meilun Elevator	ХХ	XX
IFE Elevators	XX	XX
Joylive Elevator	XX	XX
Dongnan Elevator	XX	XX
Asia-Pacific Other	XX	XX
Total	XX	XX

Source: Above companies; Secondary Information, Expert Interviews and XYZ-Research Research Center; 2020

#### Figure Asia-Pacific Elevators and Escalators Sales Share by Players in 2018

Source: Above Companies; Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

#### Figure Asia-Pacific Elevators and Escalators Sales Share by Players in 2019

## 2.2 Asia-Pacific Elevators and Escalators Revenue and Market Share by Players in 2018 and 2019

Table Asia-Pacific Elevators and Escalators Revenue by Players in 2018 and 2019

Sales Revenue (Million USD)	2018	2019
Kone	XX	XX
Otis	XX	XX
Schindler Group	XX	XX
Mitsubishi Electric	XX	XX
Toshiba	XX	XX
Hitachi	XX	XX
Fujitec	XX	XX
Hyundai	XX	XX
Yungtay Engineering	XX	XX
Canny Elevator	XX	XX
Volkslift	XX	XX
Syney Elevator	XX	XX
Sicher Elevator	XX	XX
SJEC	XX	XX
Guangri Elevator	XX	XX
Hangzhou XiOlift	XX	XX
Edunburgh Elevator	XX	XX
Suzhou Diao	XX	XX
CNYD	XX	XX
Meilun Elevator	XX	XX
IFE Elevators	XX	XX
Joylive Elevator	XX	XX
Dongnan Elevator	xx	XX
Asia-Pacific Other	XX	XX
Total	XX	XX

Table Asia-Pacific Elevators and Escalators Revenue Market Share (%) by Players in 2018 and 2019

Revenue Share	2018	2019
Kone	XX	XX
Otis	XX	XX
Schindler Group	XX	XX
Mitsubishi Electric	XX	XX
Toshiba	XX	XX
Hitachi	XX	XX
Fujitec	XX	XX
Hyundai	XX	XX
Yungtay Engineering	XX	XX
Canny Elevator	XX	XX
Volkslift	XX	XX
Syney Elevator	XX	XX
Sicher Elevator	XX	XX
SJEC	XX	XX
Guangri Elevator	XX	XX
Hangzhou XiOlift	XX	XX
Edunburgh Elevator	XX	XX
Suzhou Diao	XX	XX
CNYD	XX	XX
Meilun Elevator	XX	XX
IFE Elevators	XX	XX
Joylive Elevator	XX	XX
Dongnan Elevator	XX	XX
Asia-Pacific Other	XX	XX
Total	XX	XX

Source: Above Companies; Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

#### Figure Asia-Pacific Elevators and Escalators Revenue Share by Players in 2018

Source: Above Companies; Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

#### Figure Asia-Pacific Elevators and Escalators Revenue Share by Players in 2019

### 2.3 Asia-Pacific Elevators and Escalators Average Price by Players in 2018 and 2019

Table Asia-Pacific Elevators and Escalators Average Price (USD/Unit) by Players in 2018 and 2019

Revenue Share	2018	2019
Kone	XX	XX
Otis	XX	XX
Schindler Group	XX	XX
Mitsubishi Electric	XX	XX
Toshiba	XX	XX
Hitachi	XX	XX
Fujitec	XX	XX
Hyundai	XX	XX
Yungtay Engineering	XX	XX
Canny Elevator	XX	XX
Volkslift	XX	XX
Syney Elevator	XX	XX
Sicher Elevator	XX	XX
SJEC	XX	XX
Guangri Elevator	XX	XX
Hangzhou XiOlift	XX	XX
Edunburgh Elevator	XX	XX
Suzhou Diao	XX	XX
CNYD	XX	XX
Meilun Elevator	XX	XX
IFE Elevators	XX	XX
Joylive Elevator	xx	XX
Dongnan Elevator	XX	XX
Asia-Pacific Other	XX	XX
Total	XX	XX

Source: Above Companies; Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

#### Figure Asia-Pacific Elevators and Escalators Average Price by Players in 2019

# 2.4 Manufacturers Elevators and Escalators Headquarters and Established Date

Table Manufacturers Elevators and Escalators Headquarters and Established Date

	Headquarters	Established Date
Otis	USA	1853
Schindler Group	Switzerland	1874
Kone	Finland	1910
Mitsubishi Electric	Japan	1921
Toshiba	Japan	1967
Hitachi	Japan	1920
Fujitec	Japan	1948
Hyundai	Korea	1984
Yungtay Engineering	Taiwan	1996
Canny Elevator	China	1997
Volkslift	China	2003
Syney Elevator	China	2003
Sicher Elevator	China	2002
SJEC	China	1992
Guangri Elevator	China	1982
Hangzhou XiOlift	China	2004
Edunburgh Elevator	China	1997
Suzhou Diao	China	1994
CNYD	China	2001
Meilun Elevator	China	1979
IFE Elevators	China	1998
Joylive Elevator	China	2002
Dongnan Elevator	China	1998

### 2.5 Elevators and Escalators Market Competitive Situation and Trends

#### 2.5.1 Elevators and Escalators Market Concentration Rate

Figure Elevators and Escalators Market Concentration Rate



Source: Above Companies; Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

### 2.5.2 Elevators and Escalators Market Share of Top 3 and Top 5 Players

#### Figure Elevators and Escalators Market Share of Top 3 Players

Source: Above Companies; Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

#### Figure Elevators and Escalators Market Share of Top 5 Players

# 3 Asia-Pacific Elevators and Escalators Sales, Revenue (Value) by Countries, Type and Application (2015-2020)

### 3.1 Asia-Pacific Elevators and Escalators Sales, Revenue and Market Share by Countries (2015-2020)

### 3.1.1 Asia-Pacific Elevators and Escalators Sales and Market Share by Countries (2015-2020)

**Table Asia-Pacific Elevators and Escalators Sales by Countries (2015-2020)** 

Sales (K Units)	2015	2016	2017	2018	2019	2020E
China	529.26	562.66	592.74	601.63	618.44	628.15
Japan	115.43	119.79	122.86	125.92	130.62	135.06
Korea	44.38	46.36	49.69	49.21	55.07	58.54
Malaysia	13.36	14.05	14.79	15.01	16.1	17.2
India	40.48	43.39	44.04	44.85	49.2	52.77
Australia	11.35	11.46	11.88	12.33	12.71	13.13
Indonesia	9.36	9.84	10.8	11.21	11.93	12.57
Others	15.69	15.34	16.15	16.51	17.27	18.21
Total	779.31	822.89	862.95	876.67	911.34	935.63

Table Asia-Pacific Elevators and Escalators Sales and Market Share by Countries (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
China	67.93%	68.38%	68.69%	68.63%	67.86%	67.13%
Japan	14.81%	14.56%	14.24%	14.36%	14.33%	14.44%
Korea	5.69%	5.63%	5.76%	5.61%	6.04%	6.26%
Malaysia	1.71%	1.71%	1.71%	1.71%	1.77%	1.84%
India	5.19%	5.27%	5.10%	5.12%	5.40%	5.64%
Australia	1.46%	1.39%	1.38%	1.41%	1.39%	1.40%
Indonesia	1.20%	1.20%	1.25%	1.28%	1.31%	1.34%
Others	2.01%	1.86%	1.87%	1.88%	1.90%	1.95%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Source: Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Figure Asia-Pacific Elevators and Escalators Sales Market Share by Countries in 2015

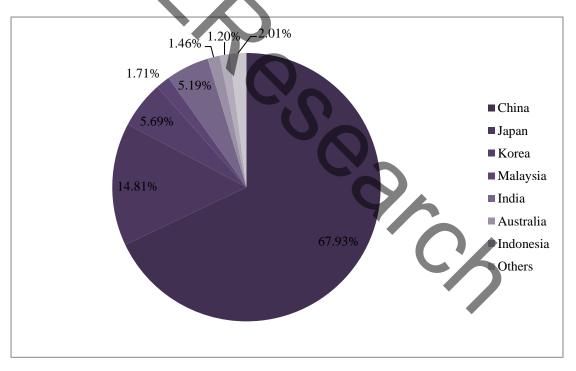
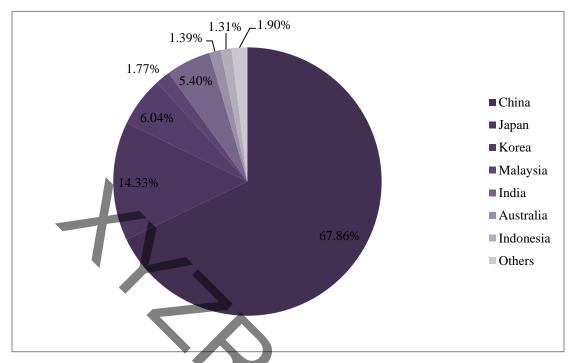


Figure Asia-Pacific Elevators and Escalators Sales Market Share by Countries in 2019



Source: Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

### 3.1.2 Asia-Pacific Elevators and Escalators Revenue and Market Share by Countries (2015-2020)

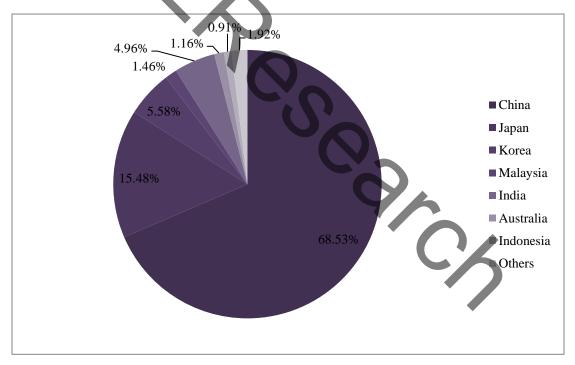
Table Asia-Pacific Elevators and Escalators Revenue by Countries (2015-2020)

Sales Revenue (Million USD)	2015	2016	2017	2018	2019	2020E
China	14843	15349	15771	15484	15481	15327
Japan	3354	3382	3362	3339	3360	3371
Korea	1209	1227	1275	1225	1327	1368
Malaysia	316	322	329	324	337	349
India	1075	1117	1100	1086	1156	1203
Australia	251	246	248	249	249	250
Indonesia	198	202	215	216	223	228
Others	417	396	404	401	407	416
Total	21663	22241	22704	22324	22540	22512

Table Asia-Pacific Elevators and Escalators Revenue and Market Share by Countries (2015-2020)

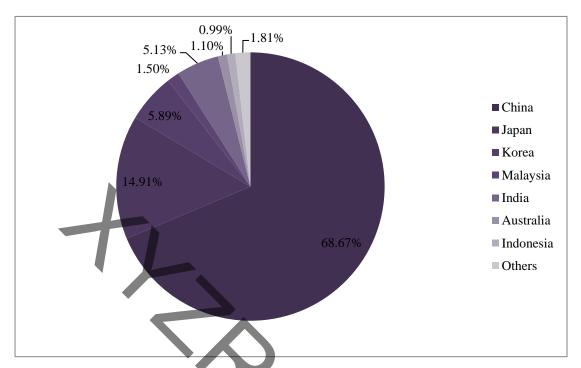
Share	2015	2016	2017	2018	2019	2020E
China	68.53%	69.00%	69.46%	69.35%	68.67%	68.09%
Japan	15.48%	15.21%	14.81%	14.96%	14.91%	14.97%
Korea	5.58%	5.52%	5.62%	5.49%	5.89%	6.08%
Malaysia	1.46%	1.45%	1.45%	1.45%	1.50%	1.55%
India	4.96%	5.02%	4.84%	4.86%	5.13%	5.34%
Australia	1.16%	1.11%	1.09%	1.12%	1.10%	1.11%
Indonesia	0.91%	0.91%	0.95%	0.97%	0.99%	1.01%
Others	1.92%	1.78%	1.78%	1.80%	1.81%	1.85%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Figure Asia-Pacific Elevators and Escalators Revenue Market Share by Countries in 2015



Source: Secondary Information and XYZ-Research Research Center; 2020

Figure Asia-Pacific Elevators and Escalators Revenue Market Share by Countries in 2019



Source: Secondary Information and XYZ-Research Research Center; 2020

#### 3.1.3 Asia-Pacific Elevators and Escalators Price by Countries (2015-2020)

Table Asia-Pacific Elevators and Escalators Price by Countries (2015-2020)

Price (USD/Unit)	2015	2016	2017	2018	2019	2020E
China	28045	27279	26607	25737	25032	24400
Japan	29057	28233	27364	26517	25723	24959
Korea	27242	26467	25659	24893	24097	23369
Malaysia	23653	22918	22245	21586	20932	20291
India	26556	25743	24977	24214	23496	22797
Australia	22115	21466	20875	20195	19591	19040
Indonesia	21154	20528	19907	19269	18692	18138
Others	26577	25815	25015	24288	23567	22845
Total	27798	27028	26310	25465	24733	24061

## 3.2 Asia-Pacific Elevators and Escalators Sales, Revenue, Market Share and Price by Type (2015-2020)

#### 3.2.1 Asia-Pacific Elevators and Escalators Sales and Market Share by Type (2015-2020)

**Table Asia-Pacific Elevators and Escalators Sales by Type (2015-2020)** 

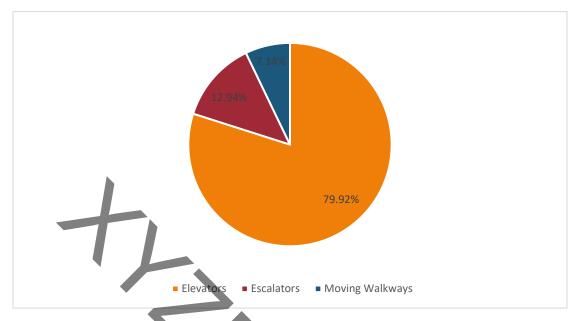
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	625.07	661.04	692.93	702.47	728.37	748.87
Escalators	99.24	103.89	108.58	111.51	117.94	120.58
Moving Walkways	55	57.96	61.44	62.69	65.03	66.18
Total	779.31	822.89	862.95	876.67	911.34	935.63

Source: Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table Asia-Pacific Elevators and Escalators Sales and Market Share by Type (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Elevators	80.21%	80.33%	80.30%	80.13%	79.92%	80.04%
Escalators	12.73%	12.63%	12.58%	12.72%	12.94%	12.89%
Moving Walkways	7.06%	7.04%	7.12%	7.15%	7.14%	7.07%
Total	100%	100%	100%	100%	100%	100%

Figure Asia-Pacific Elevators and Escalators Sales Market Share by Escalators in 2019



### 3.2.2 Asia-Pacific Elevators and Escalators Revenue and Market Share by Type (2015-2020)

**Table Asia-Pacific Elevators and Escalators Revenue by Type (2015-2020)** 

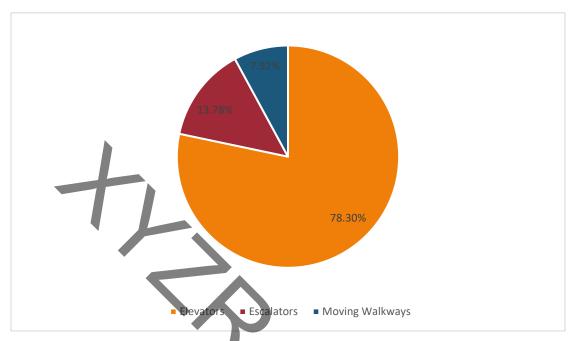
Sales Revenue (Million USD)	2015	2016	2017	2018	2019	2020E
Elevators	16997	17499	17877	17571	17649	17656
Escalators	2944	2998	3004	2987	3106	3026
Moving Walkways	1722	1744	1823	1766	1785	1830
Total	21663	22241	22704	22324	22540	22512

Source: Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table Asia-Pacific Elevators and Escalators Revenue and Market Share by Type (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Elevators	78.46%	78.68%	78.74%	78.71%	78.30%	78.43%
Escalators	13.59%	13.48%	13.23%	13.38%	13.78%	13.44%
Moving Walkways	7.95%	7.84%	8.03%	7.91%	7.92%	8.13%
Total	100%	100%	100%	100%	100%	100%

Figure Asia-Pacific Elevators and Escalators Revenue Market Share by Escalators in 2019



# 3.2.3 Asia-Pacific Elevators and Escalators Price by Type (2015-2020)

Table Asia-Pacific Elevators and Escalators Price by Type (2015-2020)

Sales Price (USD/Unit)	2015	2016	2017	2018	2019	2020E
Elevators	27192	26472	25799	25013	24231	23577
Escalators	29665	28857	27666	26787	26335	25095
Moving Walkways	31309	30090	29671	28170	27449	27652
Average	27798	27028	26310	25465	24733	24061

#### 3.3 Asia-Pacific Elevators and Escalators Sales and Market Share by Application (2015-2020)

**Table Asia-Pacific Elevators and Escalators Sales by Application (2015-2020)** 

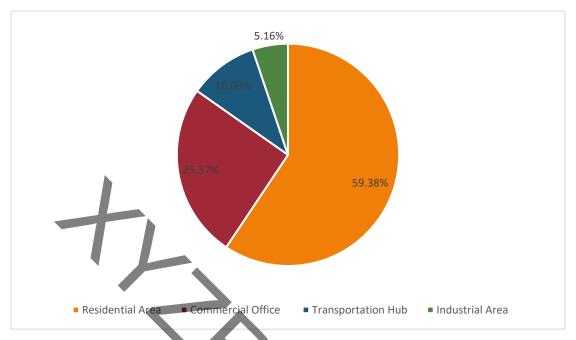
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	458.85	494.32	511.92	525.83	541.2	553.83
Commercial Office	202.28	204.75	219.46	217.76	231.23	237.76
Transportation Hub	77.29	81.18	86.66	87.02	91.92	95.46
Industrial Area	40.89	42.64	44.91	46.06	46.99	48.58
Total	779.31	822.89	862.95	876.67	911.34	935.63

Source: Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table Asia-Pacific Elevators and Escalators Sales and Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	58.87%	60.07%	59.33%	59.98%	59.38%	59.20%
Commercial Office	25.96%	24.88%	25.43%	24.84%	25.37%	25.41%
Transportation Hub	9.92%	9.87%	10.04%	9.93%	10.09%	10.20%
Industrial Area	5.25%	5.18%	5.20%	5.25%	5.16%	5.19%

Figure Asia-Pacific Elevators and Escalators Sales Market Share by Application in 2019



# 4 Analysis of Elevators and Escalators Industry Key Manufacturers

#### **4.1 Kone**

#### 4.1.1 Company Profile

#### Table Kone Company Profile

Table Kone Company Profile						
KONE						
Company Name	Kone					
Website	http://www.kone.com/en/c					
Company Type	Public					
Contact Information	KONE Corporation Finland  KONE Oyj  Keilasatama 3  P.O. Box 7  Espoo, 02150  Finland  Tel.: +358(0)204 75 1  Fax.: +358(0)204 75 449					
Establish	1910					
Headquarters	Finland					
Company Profile	At KONE, our mission is to improve the flow of urban life. As a global leader in the elevator and escalator industry, KONE provides elevators, escalators and automatic building doors, as well as solutions for modernization and maintenance to add value to buildings throughout their life cycle.  Through more effective People Flow®, we make people's journeys safe, convenient and reliable, in taller, smarter buildings.					

	In 2015, KONE had annual net sales of EUR 8.6 billion, and at the end of the year close to 50,000 employees. KONE class B shares are listed on the Nasdaq Helsinki Ltd. in Finland
Key Products	Elevators Escalators and Autowalks People Flow Intelligence
Key Regions of Sales	Europe, USA, Asia

Source: Kone, XYZ-Research Research Center; 2020

#### 4.1.2 Product Information

Table Elevators and Escalators Product Picture and Specifications of Kone



Source: Kone, XYZ-Research Research Center; 2020

#### 4.1.3 Sales, Price, Cost, Gross, and Revenue

Table Elevators and Escalators Sales (K Units), Price (USD/Unit), Revenue (Million USD) and Gross Margin of Kone 2018-2019

Kone	2018	2019
Sales (K Units)	XX	XX
Sales Price (USD/Unit)	XX	XX
Sales Revenue (Million USD)	XX	XX
Gross Margin	XX	XX

Source: Kone, XYZ-Research Research Center; 2020

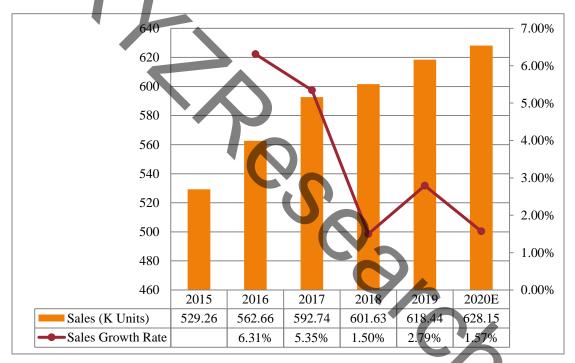
- **4.2 Otis**
- 4.3 Schindler Group
- 4.4 Mitsubishi Electric
- 4.4.1 Company Profile
- 4.5 Toshiba
- 4.6 Fujitec
- 4.7 Hitachi
- 4.8 Hyundai
- g 4.9 Yungtay Engineering
- 4.10 Canny Elevator
- 4.11 Volkslift
- **4.12 Syney Elevator**
- 4.13 Sicher Elevator
- **4.14 SJEC**
- 4.15 Guangri Elevator
- 4.16 Hangzhou XiOlift

- 4.17 Edunburgh Elevator
- 4.18 Suzhou Diao
- 4.19 CNYD
- 4.20 Meilun Elevator
- **4.21 IFE Elevators**
- **4.22 Joylive Elevator**
- 4.23 Dongnan Elevator

#### 5 China Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

### 5.1 China Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure China Elevators and Escalators Sales and Growth Rate (2015-2020)



16000 4.00% 15800 3.00% 15600 2.00% 15400 1.00% 15200 15000 0.00% 14800 -1.00% 14600 -2.00% 14400 14200 -3.00% 2015 2016 2017 2018 2019 2020E Sales Revenue (Million 14843 15349 15771 15484 15481 15327 USD)

Figure China Elevators and Escalators Revenue and Growth Rate (2015-2020)

2.75%

-1.82%

-0.02%

-0.99%

3.41%

# 5.2 China Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

Table China Elevators and Escalators Sales by Type (2015-2020)

Revenue Growth Rate

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	416.9	444.28	467.91	473.9	485.05	493.16
Escalators	65.63	68.98	72.37	74.12	77.92	78.83
Moving Walkways	46.73	49.4	52.46	53.61	55.47	56.16
Total	529.26	562.66	592.74	601.63	618.44	628.15

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

**Table China Elevators and Escalators Sales Market Share by Type (2015-2020)** 

	2015	2016	2017	2018	2019	2020E
Elevators	78.77%	78.96%	78.94%	78.77%	78.43%	78.51%
Escalators	12.40%	12.26%	12.21%	12.32%	12.60%	12.55%
Moving Walkways	8.83%	8.78%	8.85%	8.91%	8.97%	8.94%



Figure China Elevators and Escalators Sales Market Share by Type (2015-2020)

### 5.3 China Elevators and Escalators Sales and Market Share by Application (2015-2020)

**Table China Elevators and Escalators Sales by Application (2015-2020)** 

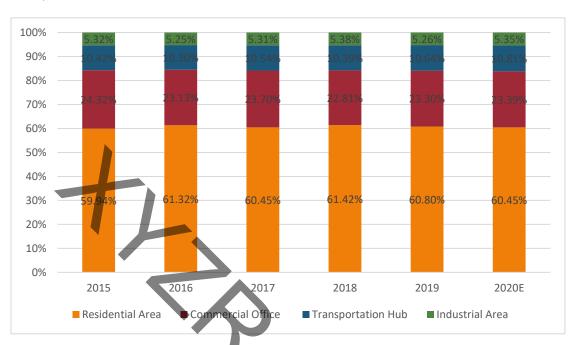
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	317.23	345.03	358.32	369.52	376.01	379.72
Commercial Office	128.72	130.14	140.48	137.23	144.1	146.92
Transportation Hub	55.15	57.95	62.47	62.51	65.8	67.9
Industrial Area	28.16	29.54	31.47	32.37	32.53	33.61
Total	529.26	562.66	592.74	601.63	618.44	628.15

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table China Elevators and Escalators Sales Market Share by Application (2015-2020)

	2015	2016	2017	2018	2019	2020E
Residential Area	59.94%	61.32%	60.45%	61.42%	60.80%	60.45%
Commercial Office	24.32%	23.13%	23.70%	22.81%	23.30%	23.39%
Transportation Hub	10.42%	10.30%	10.54%	10.39%	10.64%	10.81%
Industrial Area	5.32%	5.25%	5.31%	5.38%	5.26%	5.35%

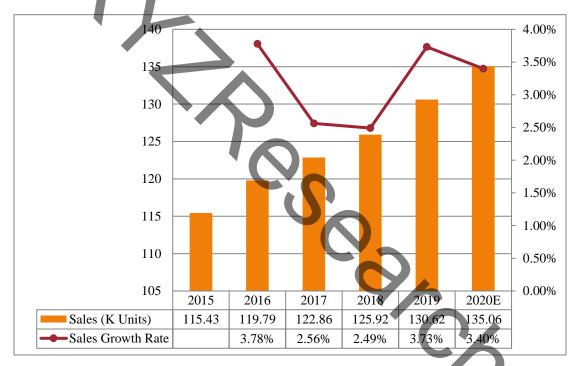
Figure China Elevators and Escalators Sales Market Share by Application (2015-2020)



#### 6 Japan Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

#### 6.1 Japan Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure Japan Elevators and Escalators Sales and Growth Rate (2015-2020)



3390 1.00% 0.80% 3380 0.60% 3370 0.40% 3360 0.20% 3350 0.00% 3340 -0.20% 3330 -0.40% 3320 -0.60% 3310 -0.80% 2015 2016 2017 2018 2019 2020E Sales Revenue (Million 3354 3382 3362 3339 3360 3371 USD) Revenue Growth Rate 0.83% -0.59% -0.68% 0.63% 0.33%

Figure Japan Elevators and Escalators Revenue and Growth Rate (2015-2020)

## 6.2 Japan Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

Table Japan Elevators and Escalators Sales by Type (2015-2020)

Sales (K Units)	2015	2016	2017	2018	2019	<b>2020E</b>
Elevators	93.49	97.07	99.26	101.41	104.98	109.02
Escalators	16.53	17.13	17.73	18.55	19.42	19.62
Moving Walkways	5.41	5.59	5.87	5.96	6.22	6.42
Total	115.43	119.79	122.86	125.92	130.62	135.06

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

**Table Japan Elevators and Escalators Sales Market Share by Type (2015-2020)** 

Share	2015	2016	2017	2018	2019	2020E
Elevators	80.99%	81.03%	80.79%	80.54%	80.37%	80.72%
Escalators	14.32%	14.30%	14.43%	14.73%	14.87%	14.53%
Moving Walkways	4.69%	4.67%	4.78%	4.73%	4.76%	4.75%

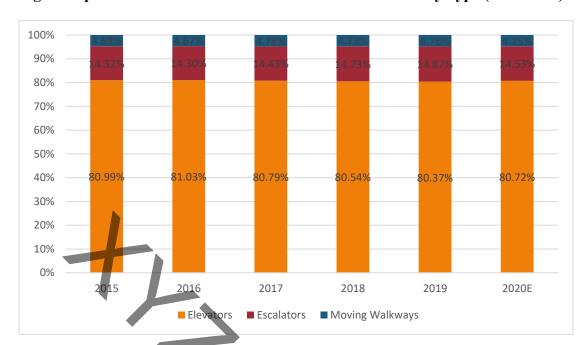


Figure Japan Elevators and Escalators Sales Market Share by Type (2015-2020)

#### 6.3 Japan Elevators and Escalators Sales and Market Share by Application (2015-2020)

**Table Japan Elevators and Escalators Sales by Application (2015-2020)** 

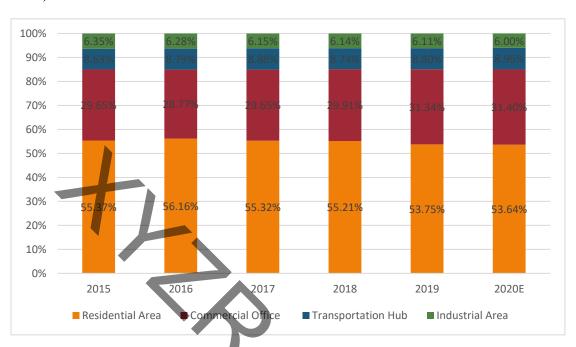
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	63.92	67.28	67.96	69.52	70.21	72.45
<b>Commercial Office</b>	34.22	34.46	36.43	37.66	40.94	42.41
Transportation Hub	9.96	10.53	10.91	11.01	11.49	12.1
Industrial Area	7.33	7.52	7.56	7.73	7.98	8.1
Total	115.43	119.79	122.86	125.92	130.62	135.06

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table Japan Elevators and Escalators Sales Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	55.37%	56.16%	55.32%	55.21%	53.75%	53.64%
Commercial Office	29.65%	28.77%	29.65%	29.91%	31.34%	31.40%
Transportation Hub	8.63%	8.79%	8.88%	8.74%	8.80%	8.96%
Industrial Area	6.35%	6.28%	6.15%	6.14%	6.11%	6.00%

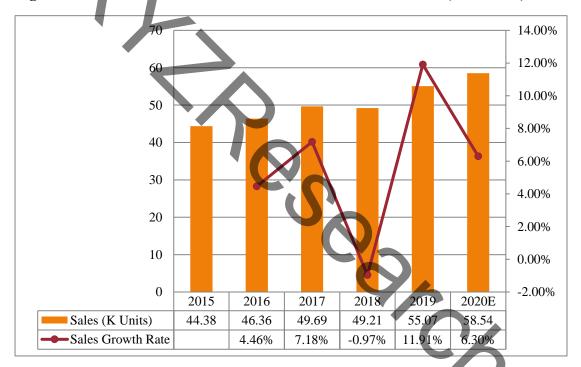
Figure Japan Elevators and Escalators Sales Market Share by Application (2015-2020)



#### 7 Korea Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

## 7.1 Korea Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure Korea Elevators and Escalators Sales and Growth Rate (2015-2020)



1400 10.00% 8.00% 1350 6.00% 1300 4.00% 1250 2.00% 0.00% 1200 -2.00% 1150 -4.00% 1100 -6.00% 2015 2016 2017 2018 2019 2020E Sales Revenue (Million

Figure Korea Elevators and Escalators Revenue and Growth Rate (2015-2020)

1227

1.49%

1275

3.91%

1225

-3.92%

1327

8.33%

1368

3.09%

## 7.2 Korea Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

**Table Korea Elevators and Escalators Sales by Type (2015-2020)** 

209

USD)

Revenue Growth Rate

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	37.22	39.02	41.93	41.4	46.23	48.99
Escalators	6.08	6.22	6.58	6.66	7.59	8.21
Moving Walkways	1.08	1.12	1.18	1.15	1.25	1.34
Total	44.38	46.36	49.69	49.21	55.07	58.54

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table Korea Elevators and Escalators Sales Market Share by Type (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Elevators	83.88%	84.17%	84.38%	84.13%	83.95%	83.69%
Escalators	13.69%	13.41%	13.24%	13.54%	13.78%	14.02%
Moving Walkways	2.43%	2.42%	2.38%	2.33%	2.27%	2.29%

100% 95% 90% 85% 80% 84.17% 84.38% 84.13% 83.95% 83.69% 75% 2016 2017 2018 2019 2020E Elevators ■ Escalators ■ Moving Walkways

Figure Korea Elevators and Escalators Sales Market Share by Type (2015-2020)

## 7.3 Korea Elevators and Escalators Sales and Market Share by Application (2015-2020)

**Table Korea Elevators and Escalators Sales by Application (2015-2020)** 

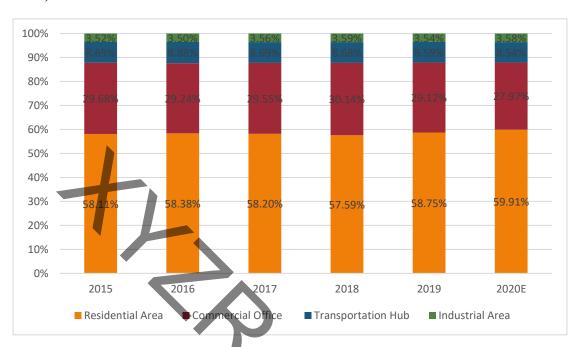
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	25.79	27.06	28.92	28.34	32.35	35.07
<b>Commercial Office</b>	13.17	13.56	14.68	14.83	16.04	16.37
Transportation Hub	3.86	4.12	4.32	4.27	4.73	5
Industrial Area	1.56	1.62	1.77	1.77	1.95	2.1
Total	44.38	46.36	49.69	49.21	55.07	58.54

Source: Annual Reports, Secondary Information, Press Releases, Expert Interviews and XYZ-Research Research Center; 2020

Table Korea Elevators and Escalators Sales and Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	58.11%	58.38%	58.20%	57.59%	58.75%	59.91%
Commercial Office	29.68%	29.24%	29.55%	30.14%	29.12%	27.97%
Transportation Hub	8.69%	8.88%	8.69%	8.68%	8.59%	8.54%
Industrial Area	3.52%	3.50%	3.56%	3.59%	3.54%	3.58%

Figure Korea Elevators and Escalators Sales Market Share by Application (2015-2020)



#### 8 Malaysia Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

## 8.1 Malaysia Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure Malaysia Elevators and Escalators Sales and Growth Rate (2015-2020)

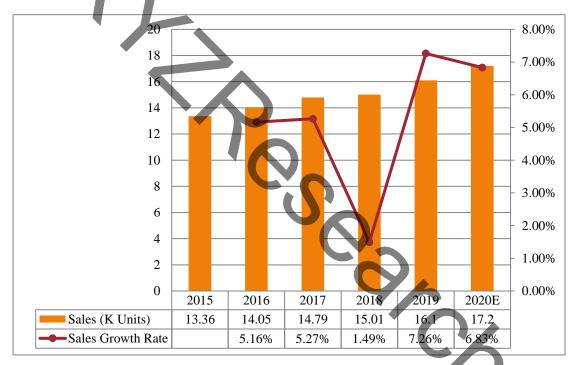


Figure Malaysia Elevators and Escalators Revenue and Growth Rate (2015-2020)



#### 8.2 Malaysia Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

Table Malaysia Elevators and Escalators Sales by Type (2015-2020)

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	11.67	12.27	12.93	13.14	14.14	15.06
Escalators	1.51	1.59	1.67	1.67	1.75	1.91
Moving Walkways	0.18	0.19	0.19	0.2	0.21	0.23
Total	13.36	14.05	14.79	15.01	16.1	17.2

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table Malaysia Elevators and Escalators Sales Market Share by Type (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Elevators	87.36%	87.37%	87.38%	87.56%	87.82%	87.59%
Escalators	11.28%	11.30%	11.31%	11.10%	10.85%	11.10%
Moving Walkways	1.36%	1.33%	1.31%	1.34%	1.33%	1.31%

Figure Malaysia Elevators and Escalators Sales Market Share by Type (2015-2020)



#### 8.3 Malaysia Elevators and Escalators Sales and Market Share by Application (2015-2020)

Table Malaysia Elevators and Escalators Sales by Application (2015-2020)

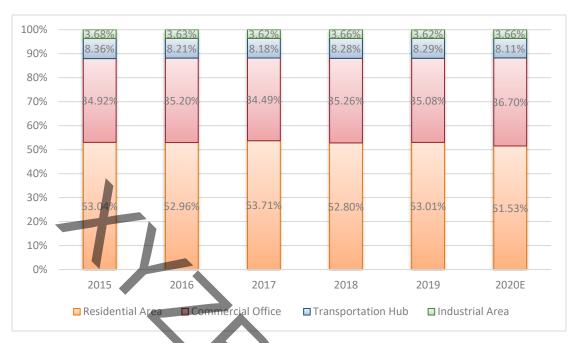
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	7.08	7.44	7.94	7.93	8.54	8.87
<b>Commercial Office</b>	4.67	4.95	5.1	5.29	5.65	6.31
Transportation Hub	1.12	1.15	1.21	1.24	1.33	1.39
Industrial Area	0.49	0.51	0.54	0.55	0.58	0.63
Total	13.36	14.05	14.79	15.01	16.1	17.2

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table Malaysia Elevators and Escalators Sales Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	53.04%	52.96%	53.71%	52.80%	53.01%	51.53%
Commercial Office	34.92%	35.20%	34.49%	35.26%	35.08%	36.70%
Transportation Hub	8.36%	8.21%	8.18%	8.28%	8.29%	8.11%
Industrial Area	3.68%	3.63%	3.62%	3.66%	3.62%	3.66%

Figure Malaysia Elevators and Escalators Sales Market Share by Application (2015-2020)



#### 9 India Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

### 9.1 India Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure India Elevators and Escalators Sales and Growth Rate (2015-2020)

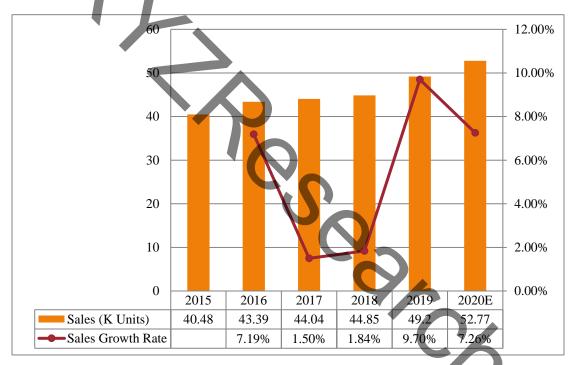
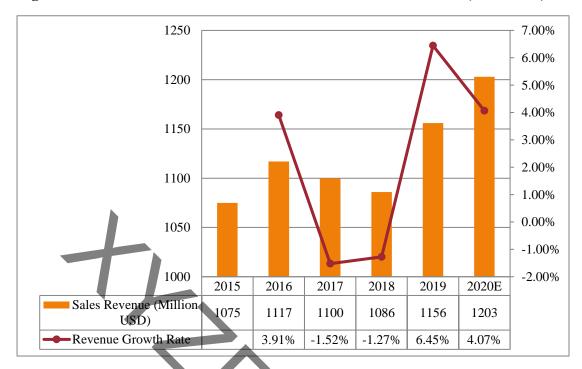


Figure India Elevators and Escalators Revenue and Growth Rate (2015-2020)



# 9.2 India Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

Table India Elevators and Escalators Sales by Type (2015-2020)

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	35.2	37.64	38.31	39.01	42.81	45.85
Escalators	4.73	5.15	5.11	5.2	5.68	6.15
Moving Walkways	0.55	0.6	0.62	0.64	0.71	0.77
Total	40.48	43.39	44.04	44.85	49.2	52.77

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table India Elevators and Escalators Sales Market Share by Type (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Elevators	86.95%	86.75%	86.99%	86.99%	87.01%	86.89%
Escalators	11.69%	11.86%	11.60%	11.59%	11.54%	11.66%
Moving Walkways	1.36%	1.39%	1.41%	1.42%	1.45%	1.45%

Figure India Elevators and Escalators Sales Market Share by Type (2015-2020)



#### 9.3 India Elevators and Escalators Sales and Market Share by Application (2015-2020)

Table India Elevators and Escalators Sales by Application (2015-2020)

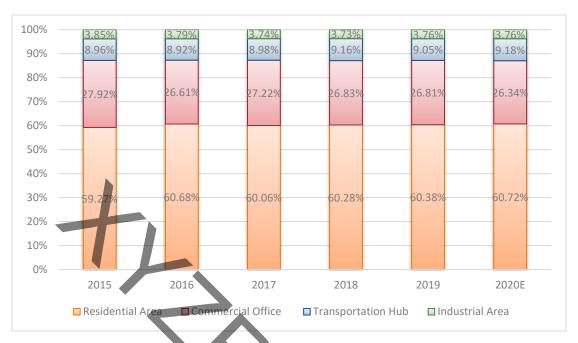
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	23.99	26.33	26.45	27.04	29.71	32.05
Commercial Office	11.3	11.55	11.99	12.03	13.19	13.9
Transportation Hub	3.63	3.87	3.95	4.11	4.45	4.84
Industrial Area	1.56	1.64	1.65	1.67	1.85	1.98
Total	40.48	43.39	44.04	44.85	49.2	52.77

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table India Elevators and Escalators Sales Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	59.27%	60.68%	60.06%	60.28%	60.38%	60.72%
Commercial Office	27.92%	26.61%	27.22%	26.83%	26.81%	26.34%
Transportation Hub	8.96%	8.92%	8.98%	9.16%	9.05%	9.18%
Industrial Area	3.85%	3.79%	3.74%	3.73%	3.76%	3.76%

Figure India Elevators and Escalators Sales Market Share by Application (2015-2020)



#### 10 Australia Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

### 10.1 Australia Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure Australia Elevators and Escalators Sales and Growth Rate (2015-2020)

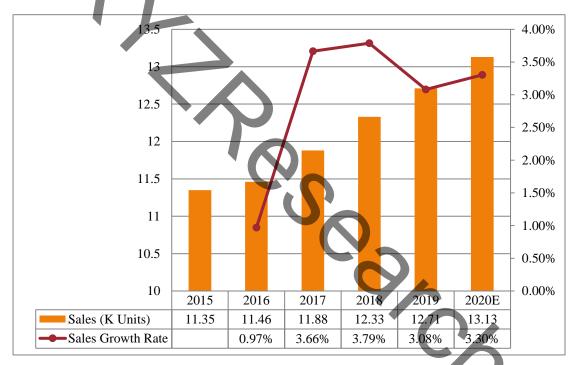


Figure Australia Elevators and Escalators Revenue and Growth Rate (2015-2020)



## 10.2 Australia Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

**Table Australia Elevators and Escalators Sales by Type (2015-2020)** 

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	9.39	9.47	9.78	10.17	10.45	10.8
Escalators	1.54	1.57	1.66	1.71	1.8	1.84
Moving Walkways	0.42	0.42	0.44	0.45	0.46	0.49
Total	11.35	11.46	11.88	12.33	12.71	13.13

Source: Expert Interviews and XYZ-Research Research Center; 2020

**Table Australia Elevators and Escalators Sales Market Share by Type (2015-2020)** 

Share	2015	2016	2017	2018	2019	2020E
Elevators	82.73%	82.65%	82.33%	82.51%	82.22%	82.28%
Escalators	13.58%	13.66%	13.97%	13.84%	14.16%	14.02%
Moving Walkways	3.69%	3.69%	3.70%	3.65%	3.62%	3.70%

Figure Australia Elevators and Escalators Sales Market Share by Type (2015-2020)



#### 10.3 Australia Elevators and Escalators Sales and Market Share by Application (2015-2020)

Table Australia Elevators and Escalators Sales by Application (2015-2020)

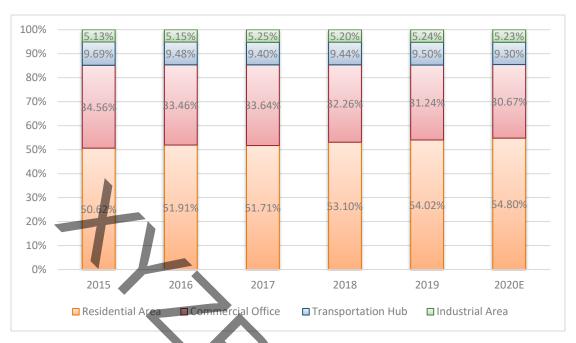
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	5.75	5.95	6.14	6.55	6.86	7.19
Commercial Office	3.92	3.83	4	3.98	3.97	4.03
Transportation Hub	1.1	1.09	1.12	1.16	1.21	1.22
Industrial Area	0.58	0.59	0.62	0.64	0.67	0.69
Total	11.35	11.46	11.88	12.33	12.71	13.13

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table Australia Elevators and Escalators Sales Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	50.62%	51.91%	51.71%	53.10%	54.02%	54.80%
Commercial Office	34.56%	33.46%	33.64%	32.26%	31.24%	30.67%
Transportation Hub	9.69%	9.48%	9.40%	9.44%	9.50%	9.30%
Industrial Area	5.13%	5.15%	5.25%	5.20%	5.24%	5.23%

Figure Australia Elevators and Escalators Sales Market Share by Application (2015-2020)



## 11 Indonesia Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

### 11.1 Indonesia Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure Indonesia Elevators and Escalators Sales and Growth Rate (2015-2020)

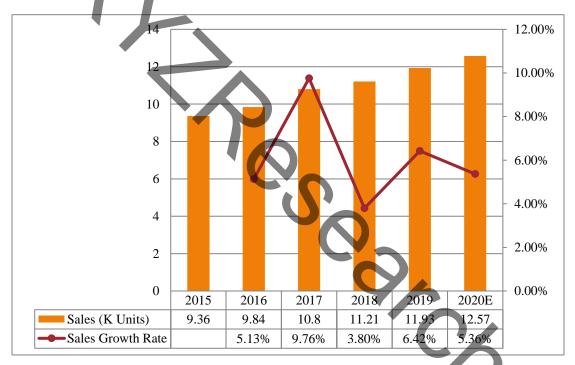
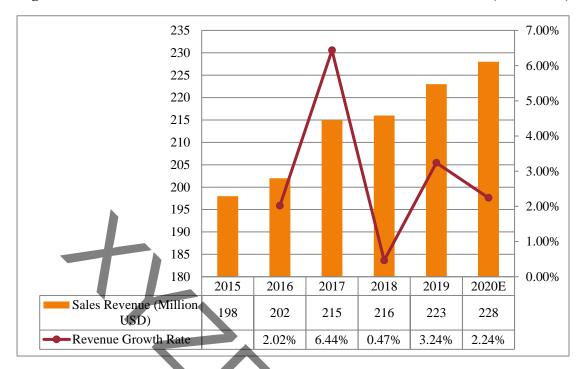


Figure Indonesia Elevators and Escalators Revenue and Growth Rate (2015-2020)



Source: Expert Interviews and XYZ-Research Research Center; 2020

### 11.2 Indonesia Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

Table Indonesia Elevators and Escalators Sales by Type (2015-2020)

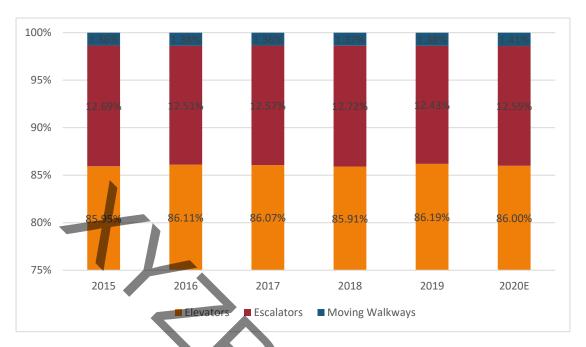
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	8.04	8.47	9.29	9.63	10.29	10.81
Escalators	1.19	1.23	1.36	1.43	1.48	1.58
Moving Walkways	0.13	0.14	0.15	0.15	0.16	0.18
Total	9.36	9.84	10.8	11.21	11.93	12.57

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table Indonesia Elevators and Escalators Sales Market Share by Type (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Elevators	85.95%	86.11%	86.07%	85.91%	86.19%	86.00%
Escalators	12.69%	12.51%	12.57%	12.72%	12.43%	12.59%
Moving Walkways	1.36%	1.38%	1.36%	1.37%	1.38%	1.41%

Figure Indonesia Elevators and Escalators Sales Market Share by Type (2015-2020)



Source: Expert Interviews and XYZ-Research Research Center; 2020

## 11.3 Indonesia Elevators and Escalators Sales and Market Share by Application (2015-2020)

Table Indonesia Elevators and Escalators Sales by Application (2015-2020)

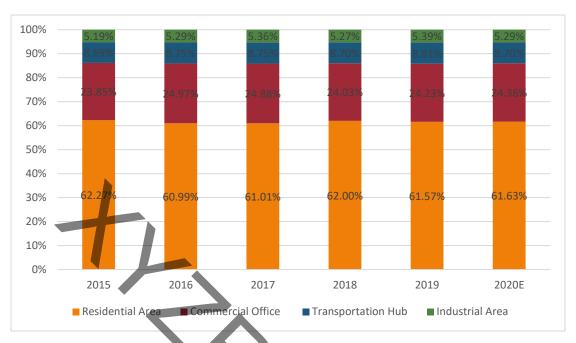
Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	5.83	6	6.58	6.95	7.35	7.76
Commercial Office	2.23	2.46	2.69	2.69	2.89	3.06
Transportation Hub	0.81	0.86	0.95	0.98	1.05	1.09
Industrial Area	0.49	0.52	0.58	0.59	0.64	0.66
Total	9.36	9.84	10.8	11.21	11.93	12.57

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table Indonesia Elevators and Escalators Sales Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	62.27%	60.99%	61.01%	62.00%	61.57%	61.63%
Commercial Office	23.85%	24.97%	24.88%	24.03%	24.23%	24.38%
Transportation Hub	8.69%	8.75%	8.75%	8.70%	8.81%	8.70%
Industrial Area	5.19%	5.29%	5.36%	5.27%	5.39%	5.29%

Figure Indonesia Elevators and Escalators Sales Market Share by Application (2015-2020)



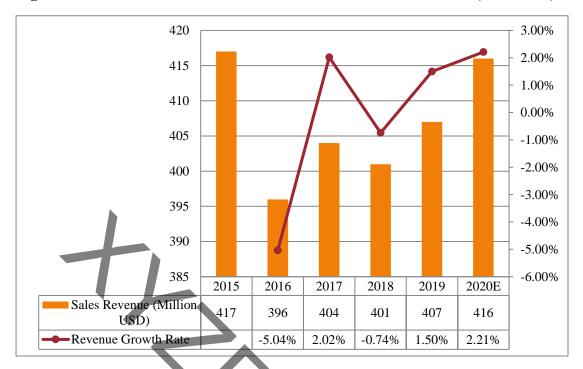
## 12 Others Elevators and Escalators Sales, Revenue (Value) by Type and Application (2015-2020)

# 12.1 Others Elevators and Escalators Sales, Revenue and Growth Rate (2015-2020)

Figure Others Elevators and Escalators Sales and Growth Rate (2015-2020)



Figure Others Elevators and Escalators Revenue and Growth Rate (2015-2020)



Source: Expert Interviews and XYZ-Research Research Center; 2020

# 12.2 Others Elevators and Escalators Sales, Revenue and Market Share by Type (2015-2020)

**Table Others Elevators and Escalators Sales by Type (2015-2020)** 

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Elevators	13.16	12.82	13.52	13.81	14.42	15.18
Escalators	2.03	2.02	2.1	2.17	2.3	2.44
Moving Walkways	0.5	0.5	0.53	0.53	0.55	0.59
Total	15.69	15.34	16.15	16.51	17.27	18.21

Source: Expert Interviews and XYZ-Research Research Center; 2020

**Table Others Elevators and Escalators Sales Market Share by Type (2015-2020)** 

Share	2015	2016	2017	2018	2019	2020E
Elevators	83.83%	83.58%	83.72%	83.65%	83.49%	83.38%
Escalators	12.96%	13.18%	12.99%	13.12%	13.33%	13.38%
Moving Walkways	3.21%	3.24%	3.29%	3.23%	3.18%	3.24%

100% 95% 90% 85% 80% 83.58% 83.72% 83.65% 83.49% 83.38% 75% <u> 201</u>6 2017 2018 2019 2020E

Figure Others Elevators and Escalators Sales Market Share by Type (2015-2020)

Source: Expert Interviews and XYZ-Research Research Center; 2020

Elevators

## 12.3 Others Elevators and Escalators Sales and Market Share by Application (2015-2020)

■ Escalators

■ Moving Walkways

**Table Others Elevators and Escalators Sales by Application (2015-2020)** 

Sales (K Units)	2015	2016	2017	2018	2019	2020E
Residential Area	9.26	9.23	9.61	9.98	10.17	10.72
Commercial Office	4.05	3.8	4.09	4.05	4.45	4.76
Transportation Hub	1.66	1.61	1.73	1.74	1.86	1.92
Industrial Area	0.72	0.7	0.72	0.74	0.79	0.81
Total	15.69	15.34	16.15	16.51	17.27	18.21

Source: Expert Interviews and XYZ-Research Research Center; 2020

Table Others Elevators and Escalators Sales Market Share by Application (2015-2020)

Share	2015	2016	2017	2018	2019	2020E
Residential Area	58.99%	60.20%	59.51%	60.46%	58.95%	58.86%
Commercial Office	25.84%	24.79%	25.32%	24.53%	25.74%	26.12%
Transportation Hub	10.55%	10.47%	10.70%	10.52%	10.75%	10.56%
Industrial Area	4.62%	4.54%	4.47%	4.49%	4.56%	4.46%

Figure Others Elevators and Escalators Sales Market Share by Application (2015-2020)



## 13 Asia-Pacific Elevators and Escalators Market Forecast (2021-2026)

### 13.1 Asia-Pacific Elevators and Escalators Sales, Revenue Forecast (2021-2026)

Figure Asia-Pacific Elevators and Escalators Sales and Growth Rate Forecast (2021-2026)

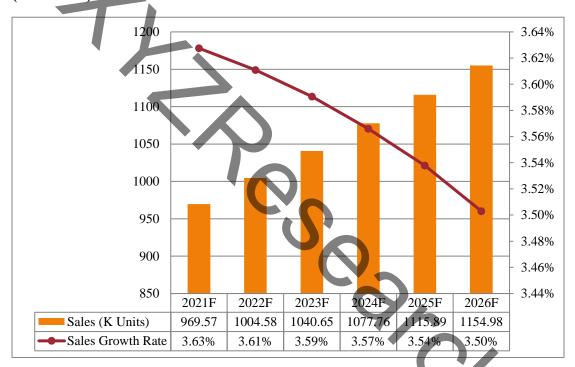
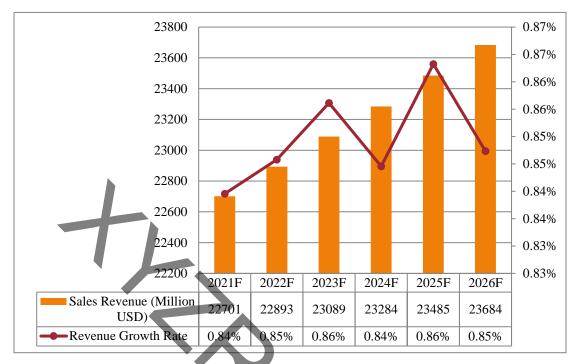


Figure Asia-Pacific Elevators and Escalators Revenue and Growth Rate Forecast (2021-2026)



Source: Secondary Information, Expert Interviews XYZ-Research Research Center; 2020

# 13.2 Asia-Pacific Elevators and Escalators Sales, Sales Forecast by Countries (2021-2026)

Table Asia-Pacific Elevators and Escalators Sales Forecast by Countries (2021-2026)

Sales (K Units)	2021F	2022F	2023F	2024F	2025F	2026F
China	646.74	665.71	685.03	704.68	724.64	744.87
Japan	139.61	144.27	149.04	153.91	158.88	163.93
Korea	62.2	66.05	70.1	74.35	78.8	83.45
Malaysia	18.37	19.6	20.9	22.27	23.71	25.23
India	56.57	60.6	64.88	69.41	74.19	79.23
Australia	13.65	14.19	14.74	15.31	15.89	16.48
Indonesia	13.24	13.94	14.67	15.43	16.22	17.03
Others	19.19	20.22	21.29	22.4	23.56	24.76
Total	969.57	1004.58	1040.65	1077.76	1115.89	1154.98

Table Asia-Pacific Elevators and Escalators Sales Market Share Forecast by Countries (2021-2026)

Sales (K Units)	2021F	2022F	2023F	2024F	2025F	2026F
China	66.70%	66.28%	65.82%	65.38%	64.95%	64.50%
Japan	14.40%	14.36%	14.32%	14.28%	14.24%	14.19%
Korea	6.42%	6.57%	6.74%	6.90%	7.06%	7.23%
Malaysia	1.89%	1.95%	2.01%	2.07%	2.12%	2.18%
India	5.83%	6.03%	6.23%	6.44%	6.65%	6.86%
Australia	1.41%	1.41%	1.42%	1.42%	1.42%	1.43%
Indonesia	1.37%	1.39%	1.41%	1.43%	1.45%	1.47%
Others	1.98%	2.01%	2.05%	2.08%	2.11%	2.14%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Source: Secondary Information, Expert Interviews XYZ-Research Research Center; 2020

# 13.3 Asia-Pacific Elevators and Escalators Sales Forecast by Type (2021-2026)

Table Asia-Pacific Elevators and Escalators Sales Forecast by Type (2021-2026)

Sales (K Units)	2021F	2022F	2023F	2024F	2025F	2026F
Elevators	777.21	806.47	836.68	867.81	899.85	932.76
Escalators	124.49	128.49	132.58	136.77	141.05	145.41
Moving Walkways	67.87	69.62	71.39	73.18	74.99	76.81
Total	969.57	1004.58	1040.65	1077.76	1115.89	1154.98

Source: Secondary Information, Expert Interviews XYZ-Research Research Center; 2020

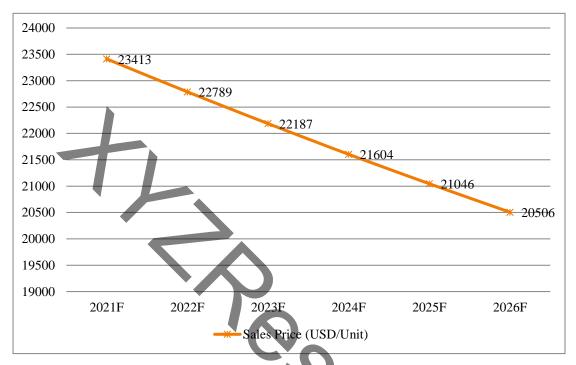
## 13.4 Asia-Pacific Elevators and Escalators Sales Forecast by Application (2021-2026)

Table Asia-Pacific Elevators and Escalators Sales Forecast by Application (2021-2026)

Sales (K Units)	2021F	2022F	2023F	2024F	2025F	2026F
Residential Area	572.24	591.09	610.44	630.28	650.56	671.28
Commercial Office	246.76	256.07	265.68	275.58	285.78	296.25
Transportation Hub	99.96	104.68	109.58	114.67	119.96	125.43
Industrial Area	50.61	52.74	54.95	57.23	59.59	62.02
Total	969.57	1004.58	1040.65	1077.76	1115.89	1154.98

# 13.5 Elevators and Escalators Price Forecast (2021-2026)

Figure Elevators and Escalators Price Forecast (2021-2026)



# 14 Elevators and Escalators Manufacturing Cost Analysis

## 14.1 Elevators and Escalators Key Raw Materials Analysis

### 14.1.1 Key Raw Materials

Table Sales Base and Market Concentration Rate of Raw Material

Raw Material	Figure	Suppliers
Steel		ArcelorMittal Kobe Steel
Copper		Southwire Prysmian SpA Nexans

Source: Secondary Information and XYZ-Research Research Center; 2020

#### **Table Key Components**

Key Components	Figure



### 14.1.2 Price Trend of Key Raw Materials

### **14.1.3 Key Suppliers of Raw Materials**

#### **Table Key Suppliers of Raw Materials**

Suppliers	Raw Materials	Contact Information
		24-26, Boulevard d'Avranches
Arcelor Mittal SA	Steel	L-1160 Luxembourg
		Tel: +352 4792-1

		Fax: +352 4792 2675
		http://corporate.arcelormittal.com/
9		Baosteel Tower, Pu Dian Road 370
		Pudong New District, Shanghai
		200122, China
Bao Steel	Steel	Tel: 86 21 20658888
		Fax: 86 21 68404832
		Email: webmaster@baosteel.com
		http://www.baosteel.com/
		Room 675, 600 Grant Street
		Pittsburgh, PA 15219-2800
US Steel	Steel	Tel: 412-433-6791
		Email: caboone@uss.com
		http://www.ussteel.com
$-\Pi$		1 Southwire Dr
		Carrollton, GA 30119-4400
Southwire	Copper	USA
		Tel: +1-770-832-4242
		http://www.southwire.com
		Viale Sarca 222
		MILANO, 20126
Davamion Sn A	Connor	Italy
Prysmian SpA	Copper	Tel: +39-02-64491
		Fax: +39-02-66132417
		http://www.prysmiangroup.com
		8 rue du General Foy, Paris 8
		PARIS, 75008
Nexans SA	Copper	France
		Tel: +33-1-73238400
		Fax: +33-1-73238638

### 14.2 Proportion of Manufacturing Cost Structure

#### **Table Manufacturing Cost Structure of Elevators and Escalators**

Item	Sub Item	%
Raw Components	Elevator Traction Machine Wire Rope	65%
	Elevator Guide Rail	
	Others	
Direct Labor Cost		15%
Depreciation of Equipment		11%

Other Cost	9%
Total	100%

#### 14.2.1 Raw Materials

#### 14.2.2 Labor Cost

### 14.2.3 Manufacturing Expenses

This section includes a lot of items, like the depreciation costs for the equipment, plants, staff dormitories and storehouses etc., also includes the energy costs like water and electricity, industrial gas and steam, as well as expenses like Safety and Health, low Value consumables and spare parts, sporadic materials.



## 14.3 Manufacturing Process Analysis of Elevators and Escalators

Figure Manufacturing Process Analysis of Vertical Elevator

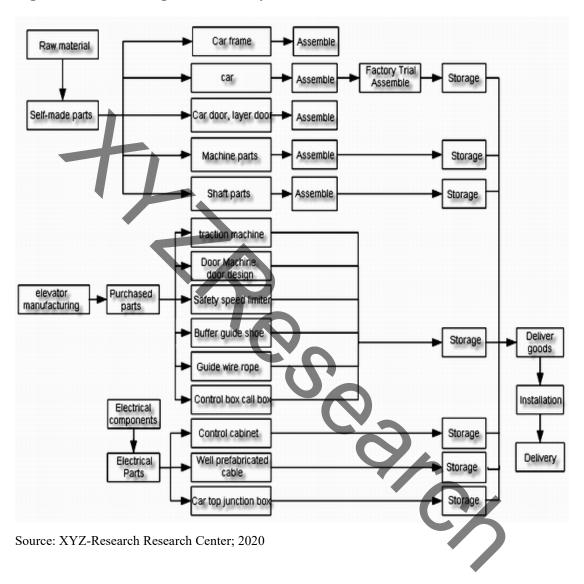
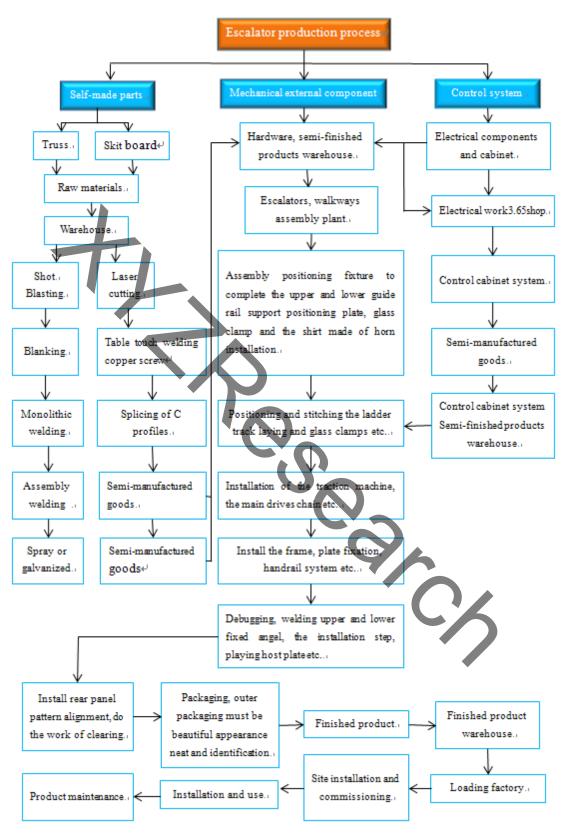


Figure Manufacturing Process Analysis of Escalator



Source: XYZ-Research Research Center; 2020

## 15 Industrial Chain, Sourcing Strategy and Downstream Buyers

## 15.1 Elevators and Escalators Industrial Chain Analysis

### 15.2 Upstream Raw Materials Sourcing

# 15.3 Raw Materials Sources of Elevators and Escalators Major Players in 2019

### 15.4 Downstream Buyers

#### **Table Major Buyers of Elevators and Escalators**

NO.	Major Consumers	Contact Information
1	New World Group	Tel: 0755-83238888 Web: http://www.sznewworld.com/en/
2	VANKE	Address Vanke Architecture Research Ct, No. 63, Meilin Road Futian District SHENZHEN, GNG 518083 China +86-755-25606666 (Phone) +86-755-25531696 (Fax)
3	Wanda Group	Address: Dongying City, Shandong Province, China KENLI Chief District Wanda Freeman Road Building  Tel: 0546-2061318Email : wanda@chinawanda.com  Fax: 0546-2061318
4	Lennar Corporation	Address 700 NW 107th Ave Ste 400 MIAMI, FL 33172-3139 United States - Map +1-305-5594000 (Phone)

	T	11 202 (555040 (F. )
		+1-302-6555049 (Fax)
		Address
		301 Commerce St Ste 500
5	DR Horton	FORT WORTH, TX 76102-4178
		United States - Map
		+1-817-3908200 (Phone)
		+1-302-6555049 (Fax)
		Address
		110 N Wacker Dr
6	General Growth Properties	CHICAGO, IL 60606-1511
	General Growar Properties	United States - Map
		+1-312-9605000 (Phone)
		+1-302-6365454 (Fax)
		Address
		225 W Washington St
7	Simon Property Group	INDIANAPOLIS, IN 46204-3438
/	Simon Property Group	United States - Map
		+1-317-6361600 (Phone)
		+1-302-6555049 (Fax)
Source: Seco	ndary Information and XYZ-Resear	rch Research Center; 2020

## 16 Marketing Strategy Analysis, Distributors/Traders

### 16.1 Marketing Channel

- 16.1.1 Direct Marketing
- 16.1.2 Indirect Marketing
- 16.1.3 Marketing Channel Development Trend
- 16.2 Market Positioning
- **16.2.1 Pricing Strategy**
- 16.2.2 Brand Strategy

### 16.3 Distributors/Traders List

#### **Table Distributors/Traders List**

	Main Traders or Distributors	Contact Information
		HANKIN SPECIALTY ELEVATORS INC
		3237 Fitzgerald Road
1	Hankin Specialty Elevators	Rancho Cordova CA 95742
		Phone 916/381-2400
		Fax 916/381-2481
		Add: 4 York Ave
2	Mobility Elevator & Lift	West Caldwell, NJ 07006
		Call: 800-441-4181 / 973-618-9545
3	Shasta Elevator	Shasta Elevator Co
		2525 N McCall Ave
		Sanger, CA 93657-9317
		Phone (559) 292-4308
		Fax (559) 292-4440

		Email:shastaelevator@earthlink.net
		PO Box 40434
		Charleston, WV 25364
4	Progressive Elevators	Toll Free: 866.353.5438
4	Trogressive Elevators	Office: 304.345.7222
		Fax: 304.346.1086
		8810 BlondoOmaha, NE 68134
		Omaha Phone
5	Eletech Inc	
5	Eletech inc	402.339.4444
		Lincoln Phone 402.474.4445
		Fax 402.339.7484
		(800) 752 6075
6	Murphy Elevator	The Murphy Elevator Co., Inc.
		128 E. Main Street
		Louisville, KY 40202
		•

### 17 Market Effect Factors Analysis

- 17.1 Technology Progress/Risk
- 17.2 Consumer Needs/Customer Preference Change
- 17.3 Economic/Political Environmental Change



## 19 Research Findings and Conclusion

