

Research on the Supply Chain of Aluminum Anti-collision Beams for Automobiles

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OBJECTIVES

- Our client wishes to understand the supply chain of aluminum collision beams, including Tier 1, Tier 2, and OEMs. While exploring the market S&D situation, the focus is on the specific details of core vehicle models and provide with customers with third party advice for strategy advice.

PROCESS

- Methodology
 - ▶ Determine the target OEMs and best selling models
 - ▶ Conduct primary research of OEMs regarding aluminum anti-collision beams
 - ▶ Double check the information with both Tier 1 and tier 2 suppliers
 - ▶ Summarize the key findings and key takeaways
- Sample Size
 - ▶ OEMs (25)
 - ▶ Tier 1 & 2 suppliers (12)
- Project Time
 - ▶ 7 weeks

DELIVERABLES

- Market transparency
 - ▶ Market S&D of aluminum profiles and aluminum anti-collision beams
 - ▶ Value chain and flow analysis of aluminum anti-collision beams
- Competitive landscape analysis between Tier 1&2 supplier
 - ▶ Feedstock source
 - ▶ Cash cost
 - ▶ Aluminum capacity
 - ▶ Patent status
 - ▶ Sales radius
 - ▶ After-sales service
 - ▶ Industry reputation

Sample Covered

OEMs

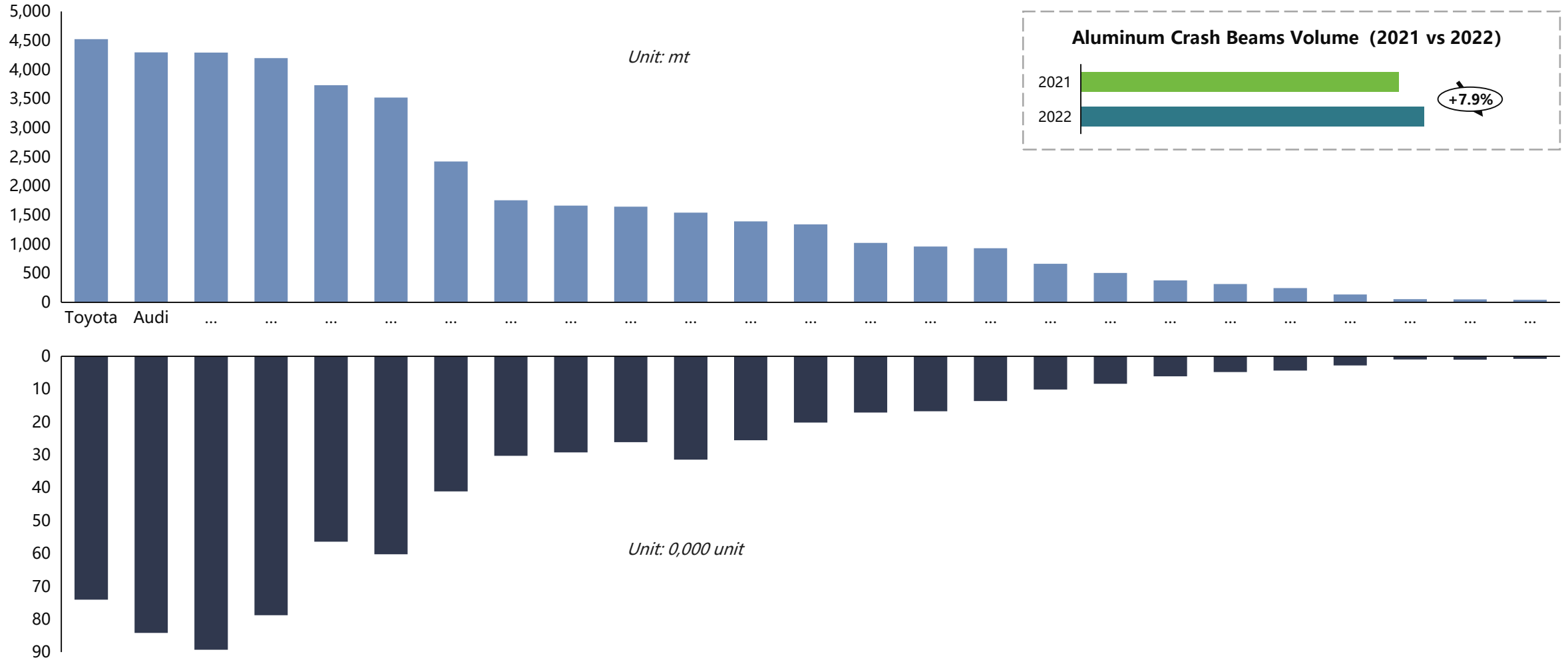


Aluminum Anti-collision Beam Manufacturer

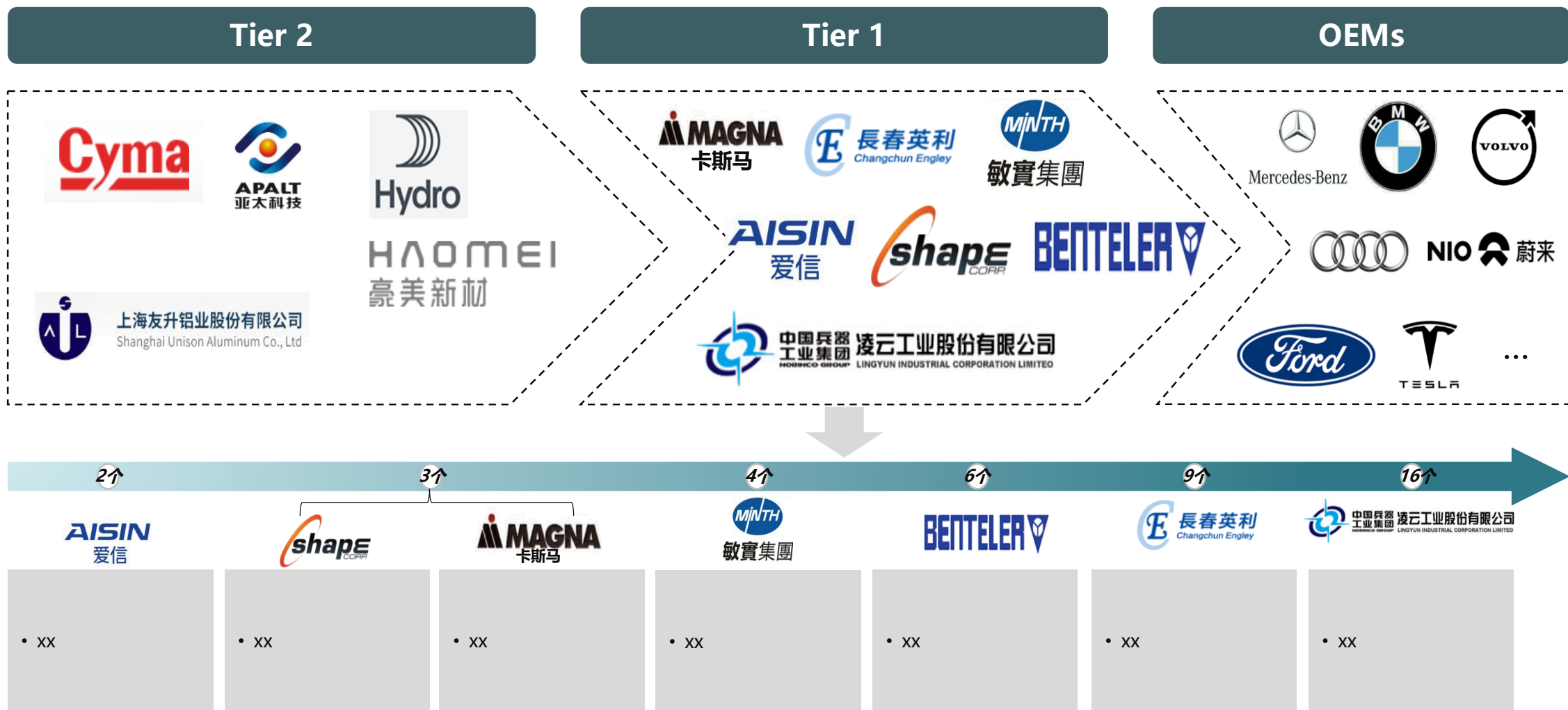




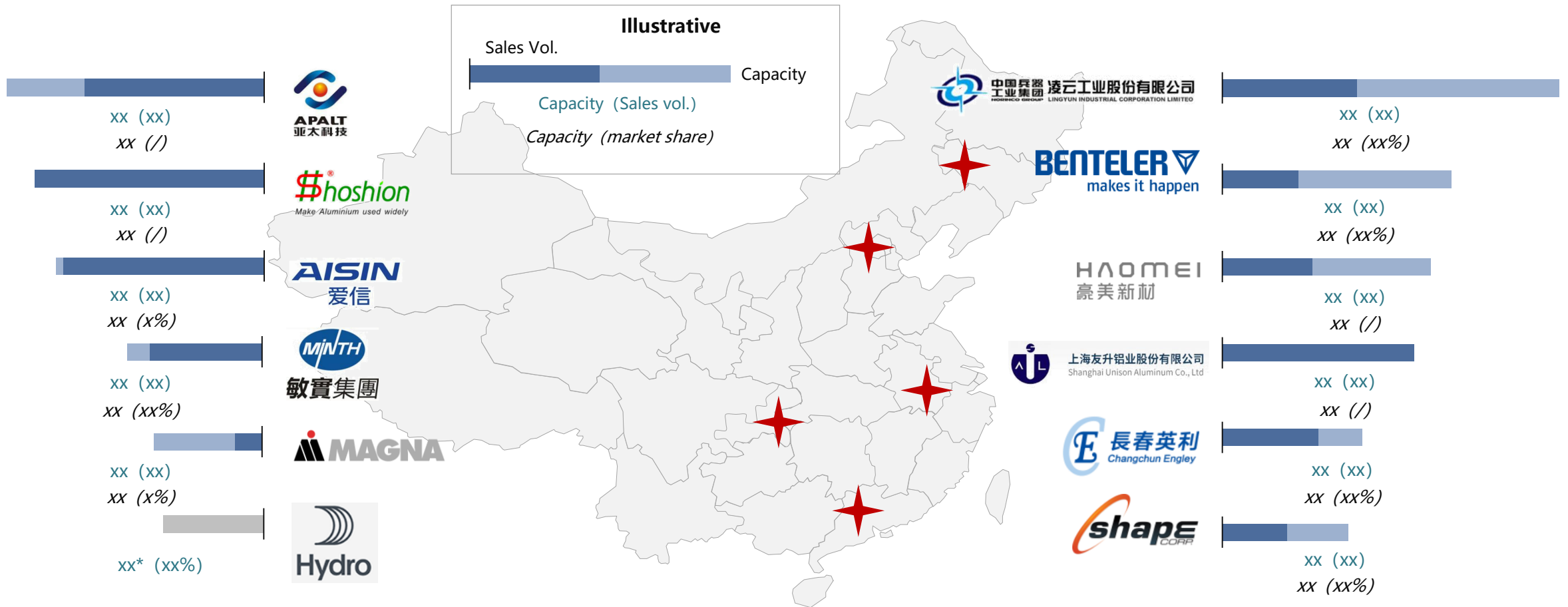
Quantity of Aluminum Crash Beams Used by 26 Automotive OEMs (2022)
















Value Chain




Aluminum Crash Beams Producers



Competitive Landscape (I)

Competitive Landscape												
Category	Tier 2					Tier 1						
	A	B	C	D	E	F	G	H	L	M	N	O
												
Total Capacity 0,000	400	4000t <i>xx</i>	75 ↑ <i>xx</i>	100 ↑ <i>xx</i>	500	120	240	20	30 ↑	600	1000	60
AL Capacity 0,000	400	/	75 ↑	100 ↑	500	65	165	5	30 ↑	200	400	60
Cash	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx
Feedstock Origin												
AL product	✓	✓	✓	✓	✓	xx	xx	xx	✓	xx	xx	✓
Cost	33-38	36-40	36-40	35-38	34-38	40-44	39-45	48-55	35-42	53-63	45-55	42-48

Competitive Landscape (II)

Competitive Landscape												
Category	Tier 2					Tier 1						
	A	B	C	D	E	F	G	H	L	M	N	O
												
Patent	100+	10+	140+	280+	400+	50+	280+	75+	130+	150+	380+	500+
R&D	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
sales radius	X	X	X	X	X	X	X	X	X	X	X	X
service	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Industry reputation	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX

Current Market Situation of Aluminum Profiles and Aluminum Crash Beams

