

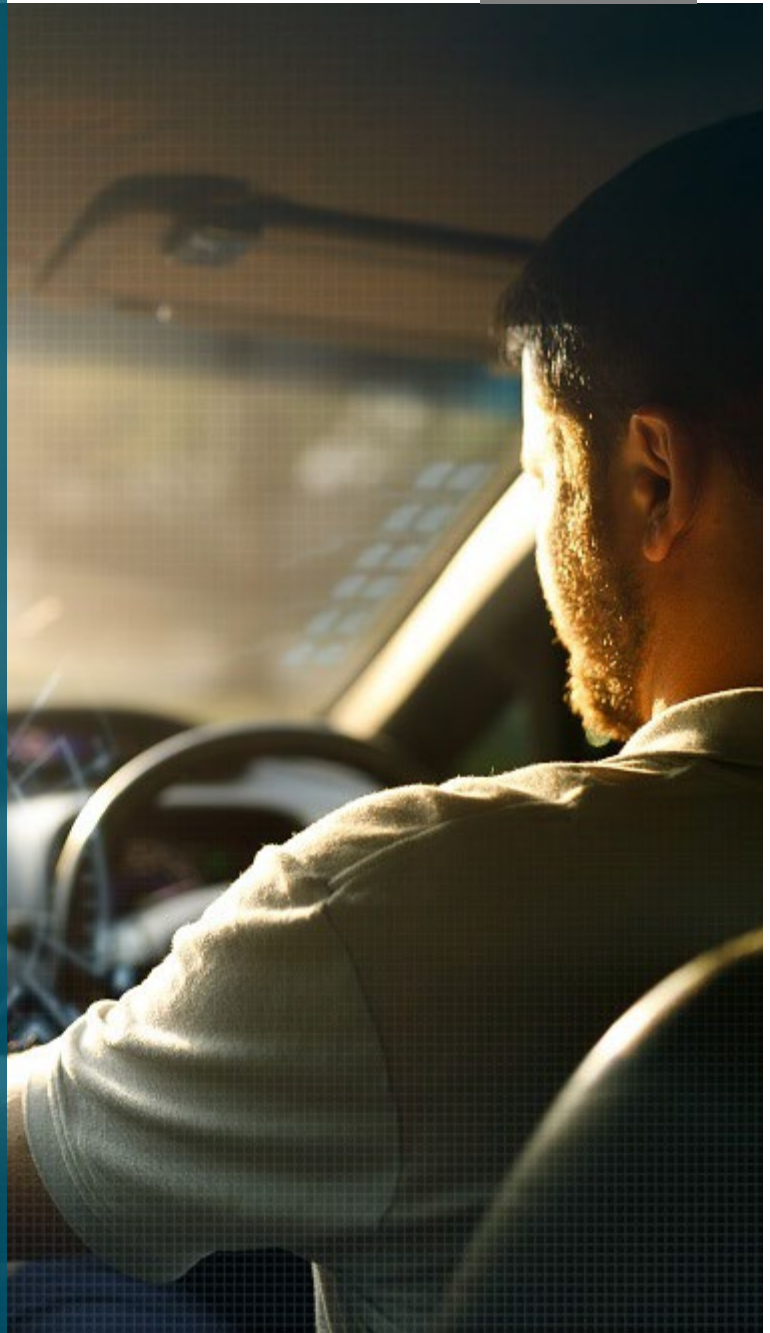
Newsletter

Q4 2023

Automotive

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Summary

Overview of M&A Activity

Throughout Q4 2023, a price reduction of automotive-relevant raw materials could be observed, compared to the peak. The current environment remains challenging, especially for medium-sized suppliers, due to price increases, shortage of skilled labour, and other issues such as high inflation and increasing refinancing costs. Simultaneously, the transition to electromobility remains an ongoing topic in the automotive industry.

The automotive M&A deal count significantly increased from Q4 2022 to Q4 2023, with 78 and 101 transactions, respectively. The cumulative deal value decreased in Q4 2023 (€10.9bn) compared to Q4 2022 (€20.4bn)¹. In Q4 2023, M&A activity was mainly driven by transactions in new mobility, EV, connectivity, and electrification solutions, as well as non-core divestments of large Tier-1s. This includes the sale of Faurecia's Commercial Vehicle Exhaust business in the Netherlands and the US and the divestment of Veoneer's Restraint Control Systems business.

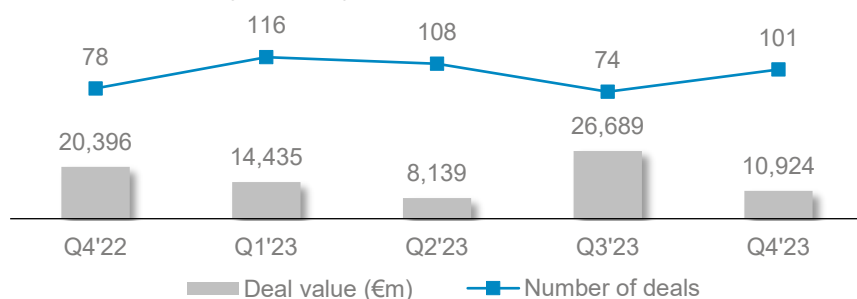
In Europe, an increase in valuation multiples from Q4 2023 compared to Q3 2023 was observed as EV/Sales, EV/EBITDA, and EV/EBIT multiples all increased by 4.0%. The North American market demonstrated a positive performance, with EV/Sales, EV/EBITDA, and EV/EBIT multiples increasing by 2.2%, 1.0%, and 8.7% in Q4 2023, respectively. In Asia, a contrary trend was observed with EV/Sales, EV/EBITDA, and EV/EBIT multiples decreasing by 3.6%, 3.7%, and 2.9%, respectively, compared to Q3 2023.

The main challenge and task for the automotive industry is to continue to mitigate cost increases by optimising the entire value chain. Suppliers need to focus on efficiency improvement programmes and strongly aligning their product portfolio with the automotive megatrends to remain competitive. Many existing fields of development remain in place and can be addressed through strategic alliances as well as M&A.

Top M&A Deals Q4 2023

- **Veoneer Inc.**, a Swedish supplier of automotive and electronic safety systems as well as a portfolio company of SSW Partners, sold its Restraint Control Systems business to American Industrial Partners (AIP). This transaction supports AIP's investment strategy and existing investments in the automotive industry, as well as Veoneer and SSW Partners' strategy to find the right long-term investors for its three existing business lines. This also includes Arriver™ Software (now owned by Qualcomm) and Active Safety (now owned by Magna International).
- **May Mobility Inc.**, a US-based technology provider for autonomous driving, closed a €98.19m (USD 105m) Series D funding round from a consortium of investors including NTT Group, Toyota Ventures, BMW i Ventures, and others. Through this funding round, the start-up has received €275m (USD 300m) since its foundation. With the completion of the financing round, NTT Group secured exclusive distribution rights for the company's proprietary technology for autonomous vehicles in Japan and plans to collaborate with Toyota to develop an ecosystem for autonomous driving.
- **American Battery Solutions, Inc. (ABS)**, a US-based designer and manufacturer of a variety of heavy-duty and industrial lithium-ion batteries for commercial vehicles, transit buses, and on and off-road vehicles, was acquired by Komatsu Ltd., a Japanese-based manufacturer of construction and mining equipment. With the acquisition of ABS, Komatsu will develop and produce its own battery-powered construction and mining equipment, through combining ABS's battery technology with Komatsu's knowledge and network.
- **Faurecia's commercial vehicle exhaust businesses**, based in the Netherlands and US, was acquired by Cummins Inc., a designer, engineer, and manufacturer of engines and related power technologies. This acquisition secures Cummins' long-term supply of after-treatment components and assemblies, adding significant manufacturing resources to its existing product portfolio.

M&A Activity: Quarterly Comparison Q4 2022 – Q4 2023



Selected Recent Global Automotive Bond Issuances Q4 2023

Company	Date of Issuance	Amount (in €m)	Coupon (in %)	Yield (Latest)	Price (Latest)	Maturity Date
Forvia SE	15.12.2023	74.1	2.48%	2.40%	100.2	13.03.2026
Magna International Inc.	07.12.2023	70.0	0.00%	3.88%	100.0	12.01.2023
Toyota Boshoku Corp.	19.10.2023	63.3	1.16%	0.88%	102.5	19.10.2033
Valeo SE	12.10.2023	600.0	5.88%	4.52%	106.0	12.04.2029

Notes: 1) Including the sale of the Mobility and Materials unit of DuPont de Nemours (Deal Value EUR 9.692m) and the acquisition of Tenneco Inc by Apollo Global Man (Deal Value EUR 5.560m)
Sources: FACTSET, MergerMarket, AlixPartners, Roland Berger, EbnerStolz



Automotive news

Bloomberg – October 12, 2023

How China left the world far behind in the EV battery race

By 2025, China's battery production capacity will be three times as much as the rest of the world combined.

[Read more](#)

Reuters – November 30, 2023

Mercedes and BMW to establish JV for high-power charging network in China

At least 1,000 high-power charging stations, with around 7,000 charging piles, are expected to be installed in China by the end of 2026.

[Read more](#)

Reuters – December 5, 2023

Symbio inaugurates Europe's largest hydrogen fuel cell plant

The factory will help Stellantis to extend its fuel cell van lineup beyond midsize vans in Europe to large vans, pickups, and heavy-duty trucks.

[Read more](#)

Reuters – December 13, 2023

South Korea to provide \$29bn to support battery industry over five years

South Korean battery companies held a 49% share of the global market, excluding China, as of 2022.

[Read more](#)

Reuters – December 14, 2023

EU risks losing ground in EVs without strong industry strategy, ACEA says

China benefits from a policy that controls every step of an EV's lifecycle, from mining through to recycling.

[Read more](#)

Bloomberg – December 22, 2023

BYD picks Hungary for its first European car plant

The factory will build EVs and plug-in hybrids for the European market and will create thousands of jobs, China's BYD said.

[Read more](#)

Market performance

Automotive Supplier Composite – Equity Market Performance Metrics By Segment

Company	EV	EV/Sales		EV/EBITDA		EV/EBIT		Gross Margin		EBITDA Margin		EBIT Margin		Net Debt/ EBITDA
		2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	
Chassis/Underbody														
Aisin	13,119	0.42x	0.41x	4.3x	4.0x	9.3x	8.3x	11.3%	12.0%	9.9%	10.2%	4.5%	4.9%	1.0x
American Axle	3,122	0.55x	0.53x	5.0x	4.4x	22.0x	14.4x	9.8%	10.9%	11.0%	11.9%	2.5%	3.7%	3.4x
Dana	4,484	0.46x	0.44x	5.7x	5.2x	11.8x	9.8x	8.6%	9.4%	7.9%	8.3%	3.9%	4.5%	2.4x
Georg Fischer AG	5,425	1.26x	1.01x	10.4x	8.2x	14.0x	10.8x	57.3%	57.5%	12.1%	12.3%	9.1%	9.3%	1.3x
JOST Werke	858	0.68x	0.67x	5.2x	5.2x	6.3x	6.5x	28.0%	28.0%	13.2%	12.7%	10.8%	10.3%	1.3x
Martinrea	1,568	0.43x	0.42x	3.7x	3.4x	7.4x	6.3x	15.6%	16.5%	11.8%	12.5%	5.8%	6.7%	1.7x
NHK Spring	1,601	0.33x	0.32x	4.5x	3.7x	9.5x	6.6x	n/a	n/a	7.5%	8.6%	3.5%	4.8%	n/m
NSK Ltd.	2,753	0.54x	0.52x	5.1x	4.5x	13.2x	10.6x	24.7%	25.4%	10.6%	11.5%	4.1%	4.9%	1.5x
Mean		0.59x	0.54x	5.5x	4.8x	11.7x	9.2x	22.2%	22.8%	10.5%	11.0%	5.5%	6.2%	1.8x
Controls/Electronics														
Aptiv	26,978	1.46x	1.35x	10.6x	9.0x	13.8x	11.6x	16.9%	18.6%	13.8%	14.9%	10.5%	11.6%	1.6x
Autoliv	9,571	1.00x	0.95x	8.2x	6.5x	11.7x	8.8x	17.5%	19.3%	12.3%	14.5%	8.6%	10.8%	1.2x
Gentherm	1,578	1.19x	1.09x	9.9x	8.2x	15.9x	12.8x	23.6%	25.5%	11.9%	13.4%	7.5%	8.5%	0.5x
HELLA	9,558	1.16x	1.15x	8.7x	8.0x	17.1x	14.7x	n/a	n/a	13.4%	14.3%	6.8%	7.8%	0.3x
Koito Manufacturing	2,957	0.49x	0.47x	4.3x	4.0x	7.0x	6.4x	12.1%	12.3%	11.4%	11.5%	7.0%	7.3%	n/m
Stanley Electric Co., Ltd.	2,037	0.68x	0.62x	4.4x	3.6x	9.0x	6.3x	17.7%	19.1%	15.3%	17.3%	7.6%	9.8%	n/m
Stoneridge	595	0.67x	0.65x	13.5x	9.9x	n/m	n/m	21.5%	22.9%	5.0%	6.5%	1.8%	3.3%	n/a
Sumitomo Electric	14,006	0.52x	0.50x	5.6x	5.2x	11.1x	9.9x	16.4%	16.7%	9.2%	9.5%	4.6%	5.0%	1.6x
TKAI RIKKA	958	0.25x	0.24x	2.7x	2.4x	4.5x	4.2x	n/a	n/a	9.3%	9.8%	5.5%	5.7%	n/a
Mean		0.82x	0.78x	7.5x	6.3x	11.3x	10.5x	18.0%	19.2%	11.3%	12.4%	6.6%	7.8%	1.0x
Diversified Suppliers														
CIE Automotive	4,586	1.15x	1.11x	6.5x	6.1x	8.9x	8.3x	40.0%	39.5%	17.8%	18.0%	13.0%	13.3%	1.5x
Continental	21,387	0.51x	0.50x	4.7x	4.2x	8.8x	7.4x	23.6%	25.0%	10.9%	11.9%	5.8%	6.7%	0.9x
DENSO	42,048	0.93x	0.89x	6.6x	5.9x	10.3x	9.1x	16.9%	17.7%	14.0%	15.0%	9.0%	9.8%	n/m
Johnson Controls	45,448	1.85x	1.75x	12.0x	11.2x	15.1x	14.3x	33.5%	33.8%	15.4%	15.7%	12.2%	12.2%	2.0x
Magna International	21,128	0.53x	0.50x	6.1x	5.3x	10.2x	8.4x	13.0%	13.8%	8.6%	9.4%	5.2%	5.9%	1.3x
Ningbo Joyson Electronic	5,682	0.80x	0.72x	9.9x	8.3x	n/m	n/m	14.1%	15.0%	8.0%	8.7%	2.9%	3.5%	2.5x
Toyoda Gosei Co., Ltd.	2,582	0.39x	0.37x	3.7x	3.5x	6.5x	6.0x	13.4%	13.7%	10.4%	10.6%	6.0%	6.2%	0.4x
Visteon	3,036	0.83x	0.77x	7.7x	6.6x	11.8x	9.1x	12.3%	13.7%	10.7%	11.7%	7.0%	8.5%	n/m
Valeo	8,391	0.38x	0.36x	3.2x	2.9x	10.8x	8.5x	17.3%	18.3%	11.8%	12.5%	3.5%	4.3%	1.5x
Mean		0.82x	0.77x	6.7x	6.0x	10.3x	10.2x	20.5%	21.2%	12.0%	12.6%	7.2%	7.8%	1.5x
Engine/Under-the-Hood														
BorgWarner	10,493	0.80x	0.74x	6.0x	5.6x	8.4x	7.7x	19.3%	19.2%	13.4%	13.2%	9.5%	9.7%	1.2x
ElringKlinger	797	0.43x	0.43x	3.9x	3.7x	8.9x	8.3x	21.6%	21.0%	10.9%	11.5%	4.8%	5.1%	1.9x
EXEDY	668	0.34x	0.33x	3.2x	2.9x	7.4x	6.2x	n/a	n/a	10.9%	11.6%	4.6%	5.4%	n/m
JTEKT	3,568	0.29x	0.29x	4.0x	3.6x	7.0x	6.1x	n/a	n/a	7.4%	7.9%	4.2%	4.8%	0.6x
Linamar Corporation	3,361	0.51x	0.44x	3.9x	3.5x	6.3x	5.6x	16.9%	16.4%	13.2%	12.7%	8.0%	7.9%	0.7x
Modine	3,155	1.39x	1.31x	11.6x	10.2x	14.7x	12.8x	20.2%	20.8%	12.0%	12.9%	9.4%	10.2%	n/a
Park-Ohio	943	0.61x	0.57x	7.8x	6.9x	11.1x	9.9x	16.2%	16.0%	7.8%	8.3%	5.5%	5.8%	n/a
Vitesco Technologies	2,940	0.31x	0.30x	3.7x	2.8x	10.1x	6.0x	14.7%	17.2%	8.5%	10.8%	3.1%	5.0%	n/m
Mean		0.59x	0.55x	5.5x	4.9x	9.2x	7.8x	18.2%	18.4%	10.5%	11.1%	6.2%	6.7%	1.1x
Interior/Exteriors														
Autoneum Holding	1,575	0.64x	0.59x	4.8x	5.4x	10.8x	10.9x	52.0%	54.0%	13.2%	10.8%	5.9%	5.4%	1.7x
Toyota Boshoku Corp.	2,342	0.19x	0.19x	2.6x	2.4x	4.0x	3.7x	n/a	n/a	7.3%	7.6%	4.7%	5.0%	2.1x
Forvia	13,754	0.50x	0.48x	4.2x	3.9x	9.7x	8.1x	13.9%	14.6%	11.9%	12.3%	5.2%	5.9%	n/m
Grammer	517	0.24x	0.22x	3.2x	2.8x	7.4x	5.7x	n/a	n/a	7.3%	8.0%	3.2%	3.9%	2.5x
Plastic Omnium	3,323	0.32x	0.32x	3.9x	3.6x	9.2x	8.2x	12.9%	13.2%	8.3%	8.7%	3.5%	3.8%	1.8x
Polytec	216	0.33x	0.32x	6.7x	4.2x	n/m	11.5x	46.0%	46.3%	5.0%	7.5%	n/m	2.8%	3.5x
Rieter Holding	730	0.47x	0.62x	5.2x	7.3x	9.4x	16.5x	n/a	n/a	8.9%	8.4%	5.0%	3.8%	1.6x
Mean		0.38x	0.39x	4.4x	4.2x	8.4x	9.2x	31.2%	32.0%	8.8%	9.1%	4.6%	4.4%	2.2x
Engineering														
Bertrandt	649	0.56x	0.51x	6.1x	5.2x	13.0x	13.0x	88.6%	89.2%	9.2%	9.9%	4.3%	5.5%	1.6x
EDAG	590	0.70x	0.66x	6.1x	5.6x	11.0x	9.8x	88.3%	89.1%	11.5%	11.9%	6.4%	6.8%	2.4x
Ricardo	455	0.88x	0.87x	8.1x	7.1x	11.5x	9.4x	28.3%	29.9%	10.9%	12.3%	7.6%	9.3%	1.3x
Mean		0.71x	0.68x	6.8x	6.0x	11.8x	10.7x	68.4%	69.4%	10.5%	11.3%	6.1%	7.2%	1.8x
Total Mean		0.66x	0.62x	6.1x	5.4x	10.4x	9.5x	25.1%	25.9%	10.7%	11.4%	6.1%	6.7%	1.6x

Source: FACTSET as of 2024/01/09; n/m = EV/Sales > 5x, EV/EBITDA > 20x or negative, EV/EBIT > 25x or negative; "-" = not available

Note: All financials calendarised to December year end

EV= Enterprise value (i.e., market capitalisation + net debt); Net debt= Interest-bearing liabilities - cash

Market performance

Automotive Supplier Composite – Equity Market Performance Metrics By Region

Company	EV	EV/Sales		EV/EBITDA		EV/EBIT		Gross Margin		EBITDA Margin		EBIT Margin		Net Debt/ EBITDA
		2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	
Europe														
Aptiv	26,978	1.46x	1.35x	10.6x	9.0x	13.8x	11.6x	16.9%	18.6%	13.8%	14.9%	10.5%	11.6%	1.6x
Autoliv	9,571	1.00x	0.95x	8.2x	6.5x	11.7x	8.8x	17.5%	19.3%	12.3%	14.5%	8.6%	10.8%	1.2x
Autoneum Holding	1,575	0.64x	0.59x	4.8x	5.4x	10.8x	10.9x	52.0%	54.0%	13.2%	10.8%	5.9%	5.4%	1.7x
Bertrandt	649	0.56x	0.51x	6.1x	5.2x	13.0x	13.0x	88.6%	89.2%	9.2%	9.9%	4.3%	5.5%	1.6x
CIE Automotive	4,586	1.15x	1.11x	6.5x	6.1x	8.9x	8.3x	40.0%	39.5%	17.8%	18.0%	13.0%	13.3%	1.5x
Continental	21,387	0.51x	0.50x	4.7x	4.2x	8.8x	7.4x	23.6%	25.0%	10.9%	11.9%	5.8%	6.7%	0.9x
EDAG	590	0.70x	0.66x	6.1x	5.6x	11.0x	9.8x	88.3%	89.1%	11.5%	11.9%	6.4%	6.8%	2.4x
ElringKlinger	797	0.43x	0.43x	3.9x	3.7x	8.9x	8.3x	21.6%	21.0%	10.9%	11.5%	4.8%	5.1%	1.9x
Forvia	13,754	0.50x	0.48x	4.2x	3.9x	9.7x	8.1x	13.9%	14.6%	11.9%	12.3%	5.2%	5.9%	2.1x
Georg Fischer AG	5,425	1.26x	1.01x	10.4x	8.2x	14.0x	10.8x	57.3%	57.5%	12.1%	12.3%	9.1%	9.3%	1.3x
Grammer	517	0.24x	0.22x	3.2x	2.8x	7.4x	5.7x	n/a	n/a	7.3%	8.0%	3.2%	3.9%	2.5x
HELLA	9,558	1.16x	1.15x	8.7x	8.0x	17.1x	14.7x	n/a	n/a	13.4%	14.3%	6.8%	7.8%	0.3x
JOST Werke	858	0.68x	0.67x	5.2x	5.2x	6.3x	6.5x	28.0%	28.0%	13.2%	12.7%	10.8%	10.3%	1.3x
Plastic Omnium	3,323	0.32x	0.32x	3.9x	3.6x	9.2x	8.2x	12.9%	13.2%	8.3%	8.7%	3.5%	3.8%	1.8x
Polytec	216	0.33x	0.32x	6.7x	4.2x	n/m	11.5x	46.0%	46.3%	5.0%	7.5%	n/m	2.8%	3.5x
Ricardo	455	0.88x	0.87x	8.1x	7.1x	11.5x	9.4x	28.3%	29.9%	10.9%	12.3%	7.6%	9.3%	1.3x
Rieter Holding	730	0.47x	0.62x	5.2x	7.3x	9.4x	16.5x	n/a	n/a	8.9%	8.4%	5.0%	3.8%	1.6x
Valeo	8,391	0.38x	0.36x	3.2x	2.9x	10.8x	8.5x	17.3%	18.3%	11.8%	12.5%	3.5%	4.3%	1.5x
Vitesco Technologies	2,940	0.31x	0.30x	3.7x	2.8x	10.1x	6.0x	14.7%	17.2%	8.5%	10.8%	3.1%	5.0%	n/m
Mean		0.68x	0.65x	6.0x	5.4x	10.7x	9.7x	35.4%	36.3%	11.1%	11.8%	6.5%	6.9%	1.7x
North America														
American Axle	3,122	0.55x	0.53x	5.0x	4.4x	22.0x	14.4x	9.8%	10.9%	11.0%	11.9%	2.5%	3.7%	3.4x
Gentherm	1,578	1.19x	1.09x	9.9x	8.2x	15.9x	12.8x	23.6%	25.5%	11.9%	13.4%	7.5%	8.5%	0.5x
BorgWarner	10,493	0.80x	0.74x	6.0x	5.6x	8.4x	7.7x	19.3%	19.2%	13.4%	13.2%	9.5%	9.7%	1.2x
Dana	4,484	0.46x	0.44x	5.7x	5.2x	11.8x	9.8x	8.6%	9.4%	7.9%	8.3%	3.9%	4.5%	2.4x
Jonson Controls	45,448	1.85x	1.75x	12.0x	11.2x	15.1x	14.3x	33.5%	33.8%	15.4%	15.7%	12.2%	12.2%	2.0x
Linamar Corporation	3,361	0.51x	0.44x	3.9x	3.5x	6.3x	5.6x	16.9%	16.4%	13.2%	12.7%	8.0%	7.9%	0.7x
Magna International	21,128	0.53x	0.50x	6.1x	5.3x	10.2x	8.4x	13.0%	13.8%	8.6%	9.4%	5.2%	5.9%	1.3x
Martinrea	1,568	0.43x	0.42x	3.7x	3.4x	7.4x	6.3x	15.6%	16.5%	11.8%	12.5%	5.8%	6.7%	1.7x
Modine	3,155	1.39x	1.31x	11.6x	10.2x	14.7x	12.8x	20.2%	20.8%	12.0%	12.9%	9.4%	10.2%	n/a
Park-Ohio	943	0.61x	0.57x	7.8x	6.9x	11.1x	9.9x	16.2%	16.0%	7.8%	8.3%	5.5%	5.8%	n/a
Stoneridge	595	0.67x	0.65x	13.5x	9.9x	n/m	n/m	21.5%	22.9%	5.0%	6.5%	1.8%	3.3%	n/a
Visteon	3,036	0.83x	0.77x	7.7x	6.6x	11.8x	9.1x	12.3%	13.7%	10.7%	11.7%	7.0%	8.5%	n/m
Mean		0.82x	0.77x	7.7x	6.7x	12.3x	10.9x	17.5%	18.2%	10.7%	11.4%	6.5%	7.3%	1.7x
Asia														
Aisin	13,119	0.42x	0.41x	4.3x	4.0x	9.3x	8.3x	11.3%	12.0%	9.9%	10.2%	4.5%	4.9%	1.0x
DENSO	42,048	0.93x	0.89x	6.6x	5.9x	10.3x	9.1x	16.9%	17.7%	14.0%	15.0%	9.0%	9.8%	n/m
EXEDY	668	0.34x	0.33x	3.2x	2.9x	7.4x	6.2x	n/a	n/a	10.9%	11.6%	4.6%	5.4%	n/m
JTEKT	3,568	0.29x	0.29x	4.0x	3.6x	7.0x	6.1x	n/a	n/a	7.4%	7.9%	4.2%	4.8%	0.6x
Koito Manufacturing	2,957	0.49x	0.47x	4.3x	4.0x	7.0x	6.4x	12.1%	12.3%	11.4%	11.5%	7.0%	7.3%	n/m
NHK Spring	1,601	0.33x	0.32x	4.5x	3.7x	9.5x	6.6x	n/a	n/a	7.5%	8.6%	3.5%	4.8%	n/m
Ningbo Joyson Electronic	5,682	0.80x	0.72x	9.9x	8.3x	n/m	n/m	14.1%	15.0%	8.0%	8.7%	2.9%	3.5%	2.5x
NSK Ltd.	2,753	0.54x	0.52x	5.1x	4.5x	13.2x	10.6x	24.7%	25.4%	10.6%	11.5%	4.1%	4.9%	1.5x
Stanley Electric Co., Ltd.	2,037	0.68x	0.62x	4.4x	3.6x	9.0x	6.3x	17.7%	19.1%	15.3%	17.3%	7.6%	9.8%	n/m
Sumitomo Electric Inds	14,006	0.52x	0.50x	5.6x	5.2x	11.1x	9.9x	16.4%	16.7%	9.2%	9.5%	4.6%	5.0%	1.6x
TOKAI RIKA	958	0.25x	0.24x	2.7x	2.4x	4.5x	4.2x	n/a	n/a	9.3%	9.8%	5.5%	5.7%	n/a
Toyoda Gosei Co., Ltd.	2,582	0.39x	0.37x	3.7x	3.5x	6.5x	6.0x	13.4%	13.7%	10.4%	10.6%	6.0%	6.2%	0.4x
Toyota Boshoku Corp.	2,342	0.19x	0.19x	2.6x	2.4x	4.0x	3.7x	n/a	n/a	7.3%	7.6%	4.7%	5.0%	n/m
Mean		0.47x	0.45x	4.7x	4.2x	8.2x	8.0x	15.8%	16.5%	10.1%	10.8%	5.2%	5.9%	1.3x
Total Mean		0.66x	0.62x	6.1x	5.4x	10.4x	9.5x	25.1%	25.9%	10.7%	11.4%	6.1%	6.7%	1.6x

Source: FACTSET as of 2024/01/09; n/m = EV/Sales > 5x, EV/EBITDA > 20x or negative, EV/EBIT > 25x or negative; "-" = not available

Note: All financials calendarised to December year end

EV= Enterprise value (i.e., market capitalisation + net debt); Net debt= Interest-bearing liabilities - cash

Market transactions

Global Automotive Supplier Industry – Selected Market Transactions In Q4 2023¹⁾

Date	Target	Country	Target Description	Buyer	Seller	EV (€m)
29.12.2023	Vantage Vehicle International Inc (100% Stake)	USA	Manufacturer of low-speed utility vehicles with a focus on electric vehicles	Salt Creek Capital	Consortium of shareholders	n/a
27.12.2023	NIO Inc (14.6% Stake)	China	Manufacturer of electric vehicles	The Emirate of Abu Dhabi and CYVN Holdings LLC	Consortium of shareholders	12,989
27.12.2023	EKA Mobility	India	Automotive & technology company that develops sustainable, profitable energy commercial vehicles	Mitsui & Co., Ltd. and VDL Groep B.V.	Consortium of shareholders	n/a
22.12.2023	GMP Group Srl (51% Stake)	Italy	Manufacturer of alloy wheels	Eulero Capital S.p.A.	Marco Mancin (Private Individual)	n/a
20.12.2023	High Bar Brands Operating LLC (100% Stake)	USA	Provider of branded heavy-duty truck aftermarket accessories	Sentinel Capital Partners, L.L.C.	Heartwood Partners IV, LP	n/a
14.12.2023	Minor Industria Mecanica de Precisacao Ltda (100% Stake)	Brazil	Manufacturer of rotary unions, swivel joints, gear pumps and quick couplers	HOERBIGER Holding AG	Consortium of shareholders	n/a
11.12.2023	BBS Automotive GmbH (100% Stake)	Germany	Supplier of alloy wheels for the automotive industry	ISH Management Services GmbH	KW automotive GmbH	n/a
08.12.2023	Wirtz Werkzeugbau GmbH (100% Stake)	Germany	Manufacturer of industrial tools and metal components for the automotive industry, among others	Deutsche Invest Capital Partners GmbH	Private Individual	n/a
07.12.2023	Woodall Nicholson Ltd (100% Stake)	United Kingdom	Manufacturer of limousines, hearses and coaches	Dumarey Group NV	Rutland Partners LLP	n/a
06.12.2023	Veoneer Inc (Restraint Control Systems business) (100% Stake)	Sweden	Supplier of automotive electronic safety systems has sold its Restraint Control Systems business	AIP LLC	SSW Partners LP	n/a
01.12.2023	Eldor Corp SpA (EHS business segment) (100% Stake)	Italy	Manufacturer and distributor of electronic components for the automotive industry, has sold its Electric Hybrid Systems (EHS) business	BorgWarner Inc	Consortium of shareholders	75
01.12.2023	BRUDELI Green Mobility AS	Norway	Developer of products, solutions and services for the transport sector	Hexagon Composites ASA	Consortium of shareholders	n/a
01.12.2023	Volta Trucks Ltd (100% Stake)	United Kingdom (Sweden)	Automotive company, specialising in the manufacturing of electric trucks	Luxor Capital Group, LP	Volta Trucks AB	n/a
01.12.2023	American Battery Solutions, Inc. (100% Stake)	USA	Developer and manufacturer of advanced battery systems for the transportation industry	Komatsu Ltd.	Consortium of shareholders	n/a
30.11.2023	TMD Friction Group SA (100% Stake)	Germany	Supplier of high-quality brake components for the automotive industry	AEQUITA SE & Co KGaA	Nisshinbo Holdings Inc	n/a
20.11.2023	Zhejiang Leapmotor Technology Co., Ltd. (14.53% Stake)	China	Manufacturer and developer of Evs	Stellantis NV	Consortium of shareholders	6,266
13.11.2023	Divergent Technologies Inc	USA	Manufacturer of sports cars using 3D-printing technology and automated assembly	Hexagon AB	Consortium of shareholders	n/a
07.11.2023	May Mobility Inc	USA	Technology provider for self-driving vehicles	Consortium of buyer	Consortium of shareholders	n/a
31.10.2023	Mobex Fourth & 1 LLC (Propulsion-Agnostic Business) (100% Stake)	USA	Manufacturer of propulsion-agnostic chassis and suspension modules and components	Linamar Corp	Mobex Fourth & 1 LLC	60
31.10.2023	Sogefi SpA (suspension business) (100% Stake)	Mexico	Manufacturer and distributor of automotive parts has sold its suspension business	SBQ	CIR SpA	n/a
27.10.2023	Hirschmann Car Communication GmbH (100% Stake)	Germany	Manufacturer of transmission and receiver systems	Universal Scientific Industrial, Zoyi Venture Capital and Phi GP Ltd	TE Connectivity Ltd	45
26.10.2023	ABC Technologies Holdings Inc (6.73% Stake)	Canada	Provider of motor vehicle parts and accessories	Oaktree Capital and Apollo Global Management	Consortium of shareholders	1,158
19.10.2023	Next.e.GO Mobile SE (100% Stake)	Germany	Manufacturer of electric cars	Athena Consumer Acquisition Corp (SPAC) ²⁾	Consortium of shareholders	1,086
05.10.2023	Bolt.Earth	India	Developer and provider of EV infrastructure and software solutions	Union Square Ventures, The Investment Trust of India Limited and Prime Venture Partners	Consortium of shareholders	n/a
02.10.2023	Faurecia- Commercial Vehicle Exhaust Business in NL & USs	Netherlands; USA	Supplier of automotive components has sold its Commercial Vehicle Exhaust Business in Roermond, Netherlands, and Columbus, Indiana, USA	Cummins Inc	Forvia SE	199

Note: 1) This overview only considers completed transactions; 2) Special Purpose Acquisition Company

Our deal experience




MAHLE[®]
sold its thermostat
business to

ADMETOS

Sell-side
Undisclosed







nazca
acquired

DOGA

Buy-side
Undisclosed







**DRIVE
SYSTEM
DESIGN**
sold to

HINDUJA TECH
ENGINEERING MOBILITY

Sell-side
Undisclosed






The shareholders of
Allgaier Werke GmbH
sold a majority stake in

ALLGAIER | GROUP
to

**WESTON
AUTOMOTIVE**

Sell-side
Undisclosed






Chinese state-controlled
company
sold

ISH
INDEPENDENCE IN AUTOMOTIVE
to

MUTARES

Sell-side
Undisclosed







**K
KOPERNIKUS
AUTOMOTIVE**
received investment from

Continental

Sell-side
Undisclosed







c2 CapitalPartners
invested in

**GRUPO
Simoldes**

Buy-side
Undisclosed






**HEITKAMP & THUMANN
GROUP**
sold

**WESTFALIA
Metal Components**
to

**Vollmann
Group**

Sell-side
Undisclosed






MAHLE
corporate family rating
assigned by

Moody's

Rating advisory
Undisclosed







ROLEC
sold to

SDIPTech

Sell-side
Undisclosed







finindus **PMV**
DOE- EN DURFBEDRIJ
sold

borit
to

WEIFU GROUP

Sell-side
€42.7m







BWI GROUP
received investment
from a consortium led
by

**WALDEN
INTERNATIONAL**

Sell-side
€315m







**HGI
GRUPO
HISPAMOLDES**
sold to

**QUARZA
INVERSIONES**

Sell-side
Undisclosed







kap
sold

**CEGER
FERTIGUNGSTECHNOLOGIE**
to

Zhejiang Tieliu
Clutch Co., Ltd

Sell-side
Undisclosed







BENTELER
sold

**BENTELER
Automotive
Rearend**
to

chassix

Sell-side
Undisclosed






faurecia
acquired

**Coagent
好帮手电子**

Buy-side
Undisclosed



International automotive team

#1 Worldwide automotive M&A adviser by deal count



Cross-border deals within the last 5 years

70%

348

Completed automotive deals



High-profile senior advisers, all former top tier executives



Completed automotive transactions since 2019



Dedicated automotive sector team members worldwide

30+

€20.8bn

Aggregate deal value



20+



Completed deals with Asian buyers or targets within the last 5 years

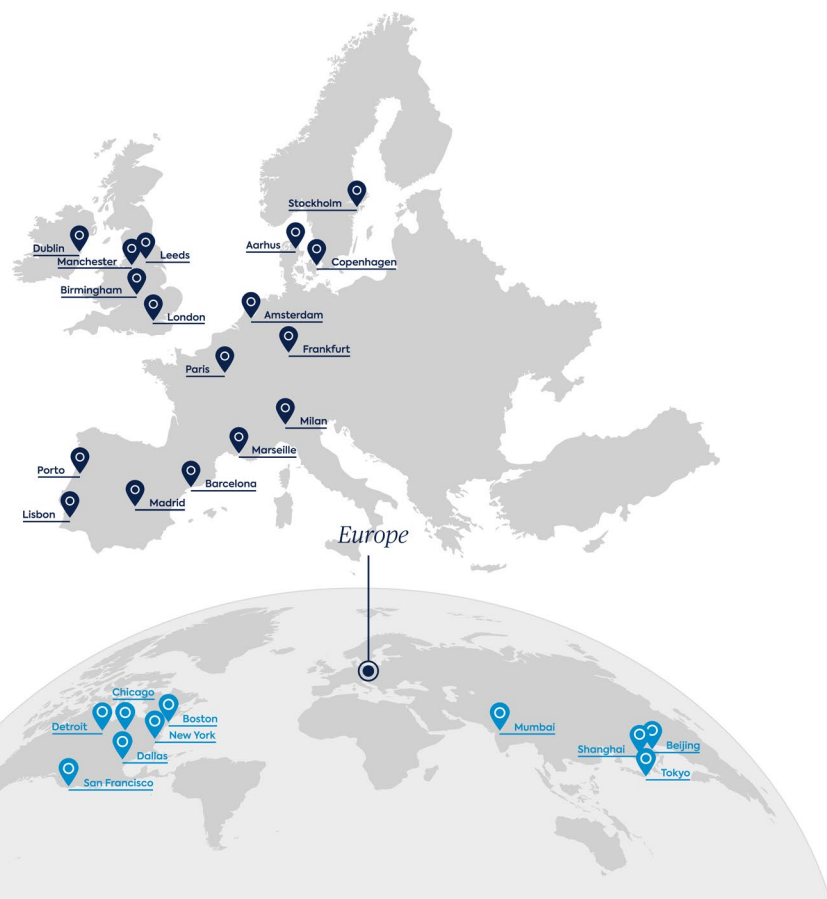
About Clearwater International

Coordinating as a single team, our 375+ experienced professionals have been responsible for the successful completion of 2,400+ deals worth in excess of €140.8bn.

Working alongside directors, shareholders and investors we advise on all aspects of corporate finance from mergers and acquisitions (M&A) and company sales through to management buy-outs (MBOs) and fundraising transactions.

Our independence from any larger financial institution or consulting firm ensures that we give truly objective advice and guide clients through the challenges they face. All projects are partner-led, offering high levels of personal service, and laying the groundwork for lasting relationships. Many of our clients return to us for advice on multiple occasions.

With 17 offices around the world and deals completed in 37 countries, our team makes us a natural choice for transactions requiring knowledge of, and access to global markets.



Clearwater International Office Partner Office

Our international automotive team



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