(Scale All Share, Technology, V3S GR)



Buy EUR 9.60	
Price	EUR 5.42
Upside	77.1 %

Value Indicators:	EUR	Warburg ESG Risk Score:	3.0	Description:	
DCF:	9.60	ESG Score (MSCI based):	3.0	Leading point-of-sale system	ns with a
FCF-Value Potential 25e:	5.20	Balance Sheet Score:	5.0	focus on the gastronomy an	d bakery
		Market Liquidity Score:	1.0	sector	
Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2023e
Market cap:	43.3	Freefloat	58.60 %	Beta:	1.3
No. of shares (m):	8.0	Thomas Stümmler	41.40 %	Price / Book:	2.1 x
EV:	68.5			Equity Ratio:	34 %
Freefloat MC:	25.4			Net Fin. Debt / EBITDA:	2.1 x
Ø Trad. Vol. (30d):	34.60 th			Net Debt / EBITDA:	2.1 x

Q2 EBITDA exceeds expectations

Figures Q2/2	2023:									Comment on Figures:
FY End: 31.12. in EUR m		Q2 23	Q2 23e	Q2 22	yoy	6M 23	6M 23e	6M 22	yoy	 Q2 revenues in line with expectations EBITDA of EUR 1.2m clearly above expectations
Sales EBITDA	9	9.7 1.2	9.7 0.6	6.0 -0.6	63 % n.a.	18.5 1.7	18.5 1.1	12.6 -0.5	47 % n.a.	 Vectron POS business achieved EBITDA of EUR +0.5m in Q2 (after EUR -0.2m in Q1)

Vectron released preliminary Q2 results which exceeded forecasts at EBITDA level.

Q2 revenues increased to EUR 9.7m, implying 10% qoq growth, and were significantly above the Q2 2022 figure thanks to the consolidation of acardo. More importantly, Q2 EBIDTA rose to EUR 1.2m (ahead of WRe EUR 0.6m and up from EUR 0.5m in Q1) and improved significantly compared to a negative EBITDA of EUR -0.6m in Q2 2022. This underlines the earnings strength of the acquisition, acardo (WRe >20% EBITDA). The core Vectron POS business also returned to a slightly positive result in H1, implying an EBITDA of ~EUR +0.5m in Q2. This could be reflecting the benefit of some smaller one-offs during the quarter.

The company is seen to be well on track to reach or exceed the upper end of its EBITDA guidance (EUR 1.3–2.2m). The implemented cost savings should have largely only taken effect from the middle of the year and should provide additional tailwind at earnings level in the coming months. However, estimates for FY 2023 have been raised only slightly to reflect a degree of caution. With sound development towards the end of the year, EBITDA could approach the EUR 3m-mark as soon as in FY 2023.

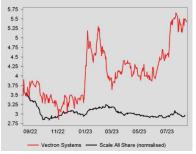
Recurring revenues in the POS business increased to EUR 6m in H1 (20% growth from EUR 5m in H1 last year), roughly in line with expectations. A number of digital services (e.g. ordering, payment, couponing, reservation, self-checkout) will be implemented during the year. These are expected to have contributed only to a small extent in H1, which should change in the coming quarters. Recurring revenues and acardo are expected to already contribute about two-thirds of Vectron's revenues in 2023.

The stronger profitability is clearly good news and should help to restore investor confidence. Acardo's contributions reflect the positive move to add a second and synergistic, but still growing, profitable pillar to the business model. Increasing penetration of digital products remains the most important driver behind a return to double-digit EBIT margins, and visibility should gradually improve over the next few quarters. The Buy rating and PT of EUR 9.60 remain unchanged.

Changes in Es	stimates:					
FY End: 31.12. in EUR m	2023e (old)	+/-	2024e (old)	+ / -	2025e (old)	+/-
Sales	38.7	-2.8 %	45.0 5.0	0.0 %	51.5 7.7	0.0 %

Comment on Changes:

 Slight increase in FY 2023 EBITDA forecast after stronger-than-expected H1 profitability. Some further upside could be on the cards with sound development towards year-end

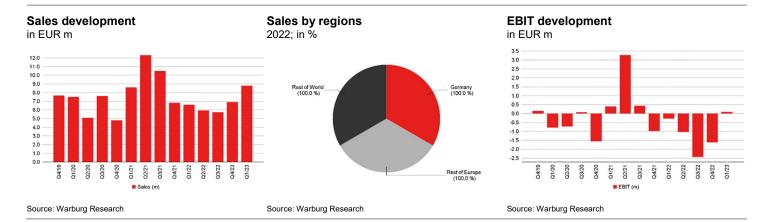


-0.5 %	6
30.2 %	6
56.9 %	6
68.3 %	6
	56.9 %

Company events:	
31.08.23	Q2

FY End: 31.12.	CAGR							
in EUR m	(22-25e)	2019	2020	2021	2022	2023e	2024e	2025e
Sales	26.9 %	25.2	25.0	38.2	25.2	37.6	45.0	51.5
Change Sales yoy		1.4 %	-0.7 %	52.9 %	-34.0 %	49.2 %	19.7 %	14.4 %
Gross profit margin		57.8 %	62.7 %	68.8 %	73.9 %	67.5 %	66.4 %	66.5 %
EBITDA	-	-1.4	-1.7	4.7	-3.9	2.5	5.0	7.7
Margin		-5.5 %	-6.7 %	12.3 %	-15.3 %	6.6 %	11.1 %	14.9 %
EBIT	-	-1.8	-3.0	3.1	-5.4	0.8	3.3	6.0
Margin		-7.1 %	-12.0 %	8.2 %	-21.3 %	2.2 %	7.3 %	11.5 %
Net income	-	-1.4	-2.3	2.4	-5.3	-0.1	2.1	4.0
EPS	-	-0.19	-0.29	0.30	-0.66	-0.01	0.26	0.49
EPS adj.	-	-0.19	-0.29	0.30	-0.66	-0.01	0.26	0.49
DPS	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		-0.38	-0.31	1.03	-0.32	-0.17	0.26	0.54
FCF / Market cap		-3.4 %	-3.0 %	9.4 %	-7.3 %	-3.1 %	4.8 %	10.0 %
EV / Sales		n.a.	4.0 x	2.7 x	2.1 x	1.8 x	1.5 x	1.2 x
EV / EBITDA		n.a.	n.a.	21.9 x	n.a.	27.4 x	13.5 x	8.4 x
EV / EBIT		n.a.	n.a.	33.0 x	n.a.	83.0 x	20.5 x	10.8 x
P/E		n.a.	n.a.	36.2 x	n.a.	n.a.	20.8 x	11.1 x
P / E adj.		n.a.	n.a.	36.2 x	n.a.	n.a.	20.8 x	11.1 x
FCF Potential Yield		n.a.	-1.2 %	3.6 %	-7.4 %	4.0 %	5.6 %	8.7 %
Net Debt		-0.9	-3.2	-4.0	-1.2	5.2	4.1	0.8
ROCE (NOPAT)		n.a.	n.a.	11.8 %	n.a.	n.a.	8.7 %	15.3 %
Guidance:	2023: Revenu	es EUR 36 -	37,8m; EBIT	DA EUR 1.3	- 2.2m			



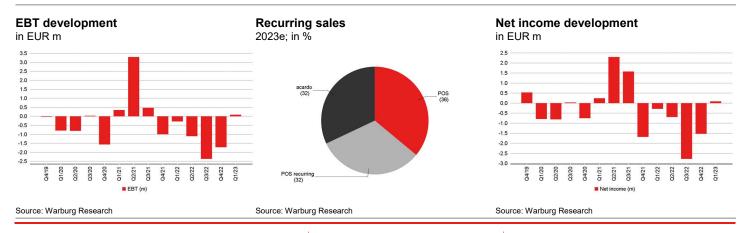


Company Background

- Vectron is a leading provider of POS systems. The products are positioned in the medium to premium segment. With its high degree of functionality, Vectron is one of the technology and innovation leaders.
- Vectron focuses on the market for proprietary POS systems (30% of the overall market). PC-based systems (bulk of the market) usually require higher maintenance and are primarily used by large chain stores.
- Vectron's market share is particularly high in the food service and bakery industries, where the company is market leader for proprietary systems in the German-speaking area with a market share of ca. 25%.
- Vectron has some 180 employees. About one-third are employed in development and product management as the company aims to maintain its position as technology leader.
- With the acquisition of acardo, Vectron etablishes a second pillar in (digital) couponing, which should also provide cross-marketing opportunities with ist POS business.

Competitive Quality

- Factors such as high reliability, ease of operation and low follow-up costs (maintenance/support) are required in the food service and bakery target sectors which are characterised by an atomistic customer structure.
- This explains the high penetration rate of the proprietary POS systems. Given that the large producers of POS systems mainly offer PC-based systems Vectron mainly has to face smaller competitors.
- Vectron differentiates itself from the mainly smaller competitors by rigorously pursuing the further development of the POS systems and thanks to the high additional use offered by wide functionality.
- By focusing on the premium segment, Vectron avoids the typical problems in the lower segment: solely differentiating on price. This is underpinned by gross margins of ca. 55% and ROCEs of well above 10%.
- Growth opportunities presently arise from the digitalisation of the hospitality sector and the new couponing business.





DCF model														
	Detailed	d forecas	t period				7	ransition	al period					Term. Value
Figures in EUR m	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	
Sales	37.6	45.0	51.5	58.8	67.0	72.3	77.4	82.0	87.0	92.2	96.8	101.6	103.7	
Sales change	49.2 %	19.7 %	14.4 %	14.0 %	14.0 %	8.0 %	7.0 %	6.0 %	6.0 %	6.0 %	5.0 %	5.0 %	2.0 %	2.0 %
EBIT	0.8	3.3	6.0	8.2	9.4	10.1	10.8	11.5	12.2	12.9	13.6	14.2	14.5	
EBIT-margin	2.2 %	7.3 %	11.5 %	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	
Tax rate (EBT)	115.2 %	31.0 %	31.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	
NOPAT	-0.1	2.3	4.1	5.8	6.6	7.1	7.6	8.0	8.5	9.0	9.5	10.0	10.2	
Depreciation	1.7	1.7	1.7	0.9	1.1	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	
in % of Sales	4.4 %	3.8 %	3.3 %	1.6 %	1.6 %	2.0 %	2.0 %	2.0 %	2.0 %	2.0 %	2.0 %	2.0 %	2.0 %	
Changes in provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Change in Liquidity from														
- Working Capital	2.1	1.0	0.8	1.5	1.4	0.2	0.8	-0.1	0.7	0.8	0.7	0.7	0.3	
- Capex	8.0	0.9	1.0	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	
Capex in % of Sales	2.1 %	2.0 %	1.9 %	2.1 %	2.1 %	2.1 %	2.1 %	2.1 %	2.1 %	2.1 %	2.1 %	2.1 %	2.1 %	
- Other	0.9	0.9	0.9	0.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	-2.3	1.2	3.1	4.0	-14.7	6.8	6.7	8.0	7.7	8.2	8.7	9.1	9.8	10
PV of FCF	-2.3	1.1	2.6	3.1	-10.4	4.5	4.0	4.4	3.9	3.8	3.7	3.6	3.5	52
share of PVs		1.87 %						31.0	5 %					67.08 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2035e	26		
				Terminal Value	52		
Debt ratio	15.00 %	Financial Strength	1.20	Financial liabilities	8		
Cost of debt (after tax)	3.2 %	Liquidity (share)	1.50	Pension liabilities	0		
Market return	8.25 %	Cyclicality	1.10	Hybrid capital	0		
Risk free rate	2.75 %	Transparency	1.40	Minority interest	0		
		Others	1.30	Market val. of investments	0		
				Liquidity	8	No. of shares (m)	8.0
WACC	8.89 %	Beta	1.30	Equity Value	77	Value per share (EUR)	9.65

Selis	ilivity va	liue per 311	are (LUIN)													
		Terminal (Growth								Delta EBIT	-margin					
Beta	WACC	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	Beta '	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.51	9.9 %	7.53	7.67	7.82	7.97	8.14	8.32	8.51	1.51	9.9 %	6.77	7.17	7.57	7.97	8.38	8.78	9.18
1.41	9.4 %	8.22	8.39	8.56	8.75	8.95	9.17	9.40	1.41	9.4 %	7.46	7.89	8.32	8.75	9.18	9.61	10.05
1.35	9.1 %	8.60	8.78	8.98	9.18	9.40	9.64	9.90	1.35	9.1 %	7.84	8.29	8.73	9.18	9.63	10.08	10.53
1.30	8.9 %	9.01	9.21	9.42	9.65	9.89	10.16	10.44	1.30	8.9 %	8.25	8.71	9.18	9.65	10.11	10.58	11.05
1.25	8.6 %	9.45	9.66	9.90	10.15	10.42	10.72	11.03	1.25	8.6 %	8.69	9.18	9.66	10.15	10.64	11.12	11.61
1.19	8.4 %	9.91	10.16	10.41	10.69	11.00	11.32	11.68	1.19	8.4 %	9.17	9.68	10.19	10.69	11.20	11.71	12.22
1.09	7.9 %	10.97	11.26	11.58	11.93	12.30	12.72	13.17	1.09	7.9 %	10.26	10.82	11.37	11.93	12.48	13.04	13.59

- Increasing digitalization drives mid term sales and profitability increase
- High-margin couponing business supports positives earnings development



Free Cash Flow Value Potential

Warburg Research's valuation tool "FCF Value Potential" reflects the ability of the company to generate sustainable free cash flows. It is based on the "FCF potential" - a FCF "ex growth" figure - which assumes unchanged working capital and pure maintenance capex. A value indication is derived via the perpetuity of a given year's "FCF potential" with consideration of the weighted costs of capital. The fluctuating value indications over time add a timing element to the DCF model (our preferred valuation tool).

in EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Net Income before minorities	n.a.	-2.3	2.4	-5.3	-0.1	2.1	4.0
+ Depreciation + Amortisation	n.a.	1.3	1.6	1.5	1.7	1.7	1.7
- Net Interest Income	n.a.	-0.1	0.0	-0.1	-0.2	-0.2	-0.2
- Maintenance Capex	n.a.	0.3	0.3	0.3	0.3	0.3	0.3
+ Other	n.a.	0.0	0.0	0.0	1.3	0.0	0.0
Free Cash Flow Potential	n.a.	-1.2	3.7	-4.0	2.7	3.8	5.6
FCF Potential Yield (on market EV)	n/a	-1.2 %	3.6 %	-7.4 %	4.0 %	5.6 %	8.7 %
WACC	8.89 %	8.89 %	8.89 %	8.89 %	8.89 %	8.89 %	8.89 %
= Enterprise Value (EV)	n.a.	99.8	103.4	53.5	68.5	67.4	64.1
= Fair Enterprise Value	n.a.	n.a.	41.9	n.a.	30.7	42.2	62.9
- Net Debt (Cash)	n.a.	5.2	5.2	5.2	5.2	4.1	0.8
- Pension Liabilities	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
- Other	n.a.	20.0	20.0	20.0	20.0	20.0	20.0
 Market value of minorities 	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
+ Market value of investments	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
= Fair Market Capitalisation	n.a.	n.a.	16.8	n.a.	5.5	18.1	42.1
Number of shares, average	7.2	8.0	8.0	8.0	8.0	8.0	8.0
= Fair value per share (EUR)	n.a.	n.a.	2.08	n.a.	0.68	2.25	5.23
premium (-) / discount (+) in %					-87.4 %	-58.5 %	-3.5 %
Sensitivity Fair value per Share (EUF	R)						
11.8	9 % n.a.	n.a.	0.77	n.a.	n.a.	0.94	3.28
10.8	9 % n.a.	n.a.	1.14	n.a.	n.a.	1.30	3.82
9.8	9 % n.a.	n.a.	1.57	n.a.	0.30	1.73	4.47
	9 % n.a.	n.a.	2.08	n.a.	0.68	2.25	5.23
	9 % n.a.	n.a.	2.76	n.a.	1.17	2.94	6.27
	9 % n.a.	n.a.	3.62	n.a.	1.80	3.80	7.56
5.8	9 % n.a.	n.a.	4.77	n.a.	2.64	4.96	9.28

[•] Rising value indication with higher business volume...

^{...}this is due to a high operating leverage given gross margins of >50%

EUR 20m earn-out liability for acardo incorporated



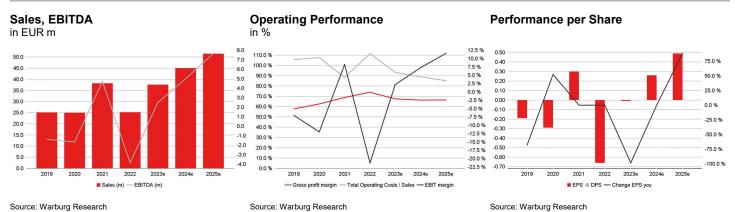
Valuation							
	2019	2020	2021	2022	2023e	2024e	2025e
Price / Book	5.8 x	3.6 x	3.4 x	1.7 x	2.1 x	1.9 x	1.6 x
Book value per share ex intangibles	1.88	2.89	3.05	2.45	-1.07	-0.80	-0.31
EV / Sales	n.a.	4.0 x	2.7 x	2.1 x	1.8 x	1.5 x	1.2 x
EV / EBITDA	n.a.	n.a.	21.9 x	n.a.	27.4 x	13.5 x	8.4 x
EV / EBIT	n.a.	n.a.	33.0 x	n.a.	83.0 x	20.5 x	10.8 x
EV / EBIT adj.*	n.a.	n.a.	33.0 x	n.a.	83.0 x	20.5 x	10.8 x
P/FCF	n.a.	n.a.	10.6 x	n.a.	n.a.	20.9 x	10.0 x
P/E	n.a.	n.a.	36.2 x	n.a.	n.a.	20.8 x	11.1 x
P / E adj.*	n.a.	n.a.	36.2 x	n.a.	n.a.	20.8 x	11.1 x
Dividend Yield	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	n.a.	-1.2 %	3.6 %	-7.4 %	4.0 %	5.6 %	8.7 %
*Adjustments made for: -							



Consolidated profit & loss							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025
Sales	25.2	25.0	38.2	25.2	37.6	45.0	51.5
Change Sales yoy	1.4 %	-0.7 %	52.9 %	-34.0 %	49.2 %	19.7 %	14.4 %
Increase / decrease in inventory	0.0	-0.1	0.2	-1.0	0.0	0.0	0.0
Own work capitalised	0.0	0.4	0.1	0.0	0.0	0.0	0.0
Total Sales	25.2	25.3	38.5	24.2	37.6	45.0	51.5
Material expenses	10.7	9.6	12.2	5.6	12.2	15.1	17.3
Gross profit	14.5	15.7	26.3	18.6	25.4	29.9	34.3
Gross profit margin	57.8 %	62.7 %	68.8 %	73.9 %	67.5 %	66.4 %	66.5 %
Personnel expenses	9.3	9.6	12.0	12.4	13.7	15.0	16.0
Other operating income	0.3	0.9	0.1	0.2	0.5	0.3	0.4
Other operating expenses	7.0	8.6	9.7	10.2	9.7	10.2	11.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	-1.4	-1.7	4.7	-3.9	2.5	5.0	7.7
Margin	-5.5 %	-6.7 %	12.3 %	-15.3 %	6.6 %	11.1 %	14.9 %
Depreciation of fixed assets	0.2	1.2	1.5	1.3	1.5	1.5	1.5
EBITA	-1.6	-2.9	3.2	-5.2	1.0	3.5	6.2
Amortisation of intangible assets	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	-1.8	-3.0	3.1	-5.4	0.8	3.3	6.0
Margin	-7.1 %	-12.0 %	8.2 %	-21.3 %	2.2 %	7.3 %	11.5 %
EBIT adj.	-1.8	-3.0	3.1	-3.9	0.8	3.3	6.0
Interest income	0.0	0.2	0.3	0.2	0.0	0.0	0.0
Interest expenses	0.2	0.4	0.3	0.3	0.2	0.2	0.2
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	-2.0	-3.1	3.1	-5.5	0.6	3.1	5.8
Margin	-7.8 %	-12.5 %	8.2 %	-21.7 %	1.7 %	6.9 %	11.2 %
Total taxes	-0.6	-0.8	0.7	-0.2	0.7	1.0	1.8
Net income from continuing operations	-1.4	-2.3	2.4	-5.3	-0.1	2.1	4.0
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income before minorities	-1.4	-2.3	2.4	-5.3	-0.1	2.1	4.0
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	-1.4	-2.3	2.4	-5.3	-0.1	2.1	4.0
Margin	-5.5 %	-9.2 %	6.4 %	-20.9 %	-0.3 %	4.7 %	7.7 %
Number of shares, average	7.2	8.0	8.0	8.0	8.0	8.0	8.0
EPS	-0.19	-0.29	0.30	-0.66	-0.01	0.26	0.49
EPS adj.	-0.19	-0.29	0.30	-0.66	-0.01	0.26	0.49
*Adjustments made for:							

Guidance: 2023: Revenues EUR 36 - 37,8m; EBITDA EUR 1.3 - 2.2m

Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Total Operating Costs / Sales	105.6 %	107.7 %	88.4 %	111.5 %	93.4 %	88.9 %	85.1 %
Operating Leverage	-48.6 x	-103.6 x	n.a.	n.a.	n.a.	15.1 x	5.6 x
EBITDA / Interest expenses	n.m.	n.m.	16.0 x	n.m.	12.5 x	25.0 x	38.4 x
Tax rate (EBT)	28.7 %	26.0 %	22.0 %	3.4 %	115.2 %	31.0 %	31.0 %
Dividend Payout Ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	156,331	139,676	211,199	140,094	228,012	276,344	299,628

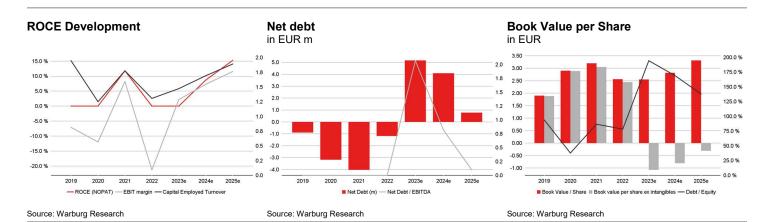


Source: Warburg Nesearch Source: Warburg Nese



Consolidated balance sheet							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Assets							
Goodwill and other intangible assets	0.1	0.1	1.2	0.9	28.9	28.9	28.9
thereof other intangible assets	0.1	0.1	1.2	0.9	0.9	0.9	0.9
thereof Goodwill	0.0	0.0	0.0	0.0	28.0	28.0	28.0
Property, plant and equipment	0.5	1.9	9.6	8.6	8.8	7.9	7.2
Financial assets	2.1	2.1	0.4	0.5	0.5	0.5	0.5
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	2.6	4.0	11.2	10.1	38.2	37.4	36.7
Inventories	5.0	6.7	4.9	3.8	4.7	5.3	5.7
Accounts receivable	5.0	3.5	3.6	2.8	4.1	4.9	5.6
Liquid assets	11.3	8.3	19.9	12.6	5.6	5.8	8.2
Other short-term assets	2.8	9.4	8.2	7.4	7.4	7.2	6.8
Current assets	24.1	27.9	36.5	26.4	21.8	23.2	26.3
Total Assets	26.7	31.9	47.7	36.5	60.0	60.6	63.0
Liabilities and shareholders' equity							
Subscribed capital	7.3	8.0	8.1	8.1	8.1	8.1	8.1
Capital reserve	9.7	20.2	20.2	20.4	20.4	20.4	20.4
Retained earnings	0.0	0.0	0.0	0.0	-0.1	2.0	6.0
Other equity components	-3.3	-5.0	-2.7	-8.0	-8.0	-8.0	-8.0
Shareholders' equity	13.8	23.2	25.6	20.5	20.4	22.5	26.5
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	13.8	23.2	25.6	20.5	20.4	22.5	26.5
Provisions	1.2	0.3	0.2	0.2	0.2	0.2	0.2
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	10.4	5.1	15.8	11.4	10.8	9.9	9.0
Short-term financial liabilities	10.4	1.9	5.1	2.0	2.0	2.0	2.0
Accounts payable	0.9	2.3	3.2	1.9	2.1	2.5	2.8
Other liabilities	0.4	1.0	3.0	2.5	26.5	25.5	24.5
Liabilities	12.9	8.7	22.2	16.0	39.6	38.1	36.5
Total liabilities and shareholders' equity	26.7	31.9	47.7	36.5	60.0	60.6	63.0

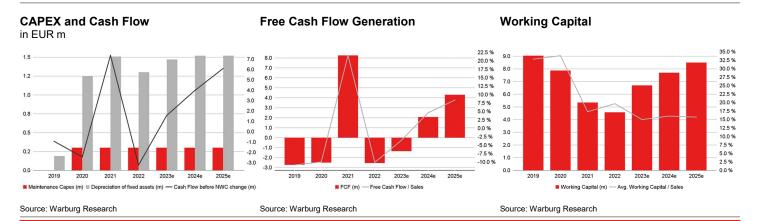
Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Efficiency of Capital Employment							
Operating Assets Turnover	2.6 x	2.6 x	2.6 x	1.9 x	2.4 x	2.9 x	3.3 x
Capital Employed Turnover	1.9 x	1.3 x	1.8 x	1.3 x	1.5 x	1.7 x	1.9 x
ROA	- 52.7 %	-57.7 %	21.8 %	-52.3 %	-0.2 %	5.7 %	10.8 %
Return on Capital							
ROCE (NOPAT)	n.a.	n.a.	11.8 %	n.a.	n.a.	8.7 %	15.3 %
ROE	-11.6 %	-12.5 %	10.0 %	-22.9 %	-0.5 %	9.9 %	16.2 %
Adj. ROE	-11.6 %	-12.5 %	10.0 %	-22.9 %	-0.5 %	9.9 %	16.2 %
Balance sheet quality							
Net Debt	-0.9	-3.2	-4.0	-1.2	5.2	4.1	0.8
Net Financial Debt	-0.9	-3.2	-4.0	-1.2	5.2	4.1	0.8
Net Gearing	-6.5 %	-13.7 %	-15.8 %	-5.8 %	25.4 %	18.2 %	2.9 %
Net Fin. Debt / EBITDA	n.a.	n.a.	n.a.	n.a.	207.0 %	81.6 %	10.1 %
Book Value / Share	1.9	2.9	3.2	2.6	2.6	2.8	3.3
Book value per share ex intangibles	1.9	2.9	3.0	2.4	-1.1	-0.8	-0.3





Consolidated cash flow statement							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025
Net income	-1.4	-2.3	2.4	-5.3	-0.1	2.1	4.0
Depreciation of fixed assets	0.2	1.2	1.5	1.3	1.5	1.5	1.5
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Increase/decrease in long-term provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other non-cash income and expenses	0.1	-1.5	3.3	0.6	0.0	0.1	0.4
Cash Flow before NWC change	-0.9	-2.4	7.4	-3.2	1.6	4.0	6.1
Increase / decrease in inventory	8.0	-1.8	1.8	1.2	-0.9	-0.6	-0.4
Increase / decrease in accounts receivable	-2.7	1.6	-0.1	0.8	-1.3	-0.8	-0.7
Increase / decrease in accounts payable	0.3	1.4	0.9	-1.2	0.2	0.4	0.3
Increase / decrease in other working capital positions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	-1.6	1.2	2.5	8.0	- 2.1	-1.0	-0.8
Net cash provided by operating activities [1]	-2.5	-1.3	9.9	-2.4	-0.5	3.0	5.3
Investments in intangible assets	-0.2	0.0	-1.2	-0.2	-0.2	-0.2	-0.2
Investments in property, plant and equipment	-0.4	-1.2	-0.5	-0.5	-0.6	-0.7	-0.8
Payments for acquisitions	0.0	0.0	0.0	0.0	-29.0	-1.0	-1.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.1	0.5	1.7	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	-0.1	-0.7	0.1	-0.1	-29.8	-1.9	-2.0
Change in financial liabilities	-2.3	-10.4	1.6	-4.6	-0.6	-0.9	-0.9
Dividends paid	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	5.1	11.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	3.4	0.0	24.0	0.0	0.0
Net cash provided by financing activities [3]	2.7	0.7	5.0	-4.6	23.4	-0.9	-0.9
Change in liquid funds [1]+[2]+[3]	0.1	-1.3	15.0	-7.2	-7.0	0.2	2.4
Effects of exchange-rate changes on cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash and cash equivalent at end of period	11.7	10.0	23.3	12.7	5.6	5.8	8.2

Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Cash Flow							
FCF	-2.7	-2.5	8.3	-2.5	-1.3	2.1	4.3
Free Cash Flow / Sales	-10.8 %	-10.0 %	21.6 %	-10.1 %	-3.6 %	4.6 %	8.4 %
Free Cash Flow Potential	n.a.	-1.2	3.7	-4.0	2.7	3.8	5.6
Free Cash Flow / Net Profit	196.0 %	108.0 %	338.8 %	48.2 %	1416.9 %	97.4 %	108.6 %
Interest Received / Avg. Cash	0.2 %	2.4 %	2.0 %	1.5 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	1.7 %	4.7 %	2.8 %	2.6 %	1.8 %	1.9 %	2.1 %
Management of Funds							
Investment ratio	2.3 %	4.9 %	4.2 %	2.8 %	2.1 %	2.0 %	1.9 %
Maint. Capex / Sales	n.a.	1.2 %	0.8 %	1.2 %	0.8 %	0.7 %	0.6 %
Capex / Dep	148.7 %	91.7 %	102.9 %	46.6 %	47.9 %	52.3 %	58.1 %
Avg. Working Capital / Sales	32.8 %	33.8 %	17.3 %	19.7 %	15.0 %	16.0 %	15.7 %
Trade Debtors / Trade Creditors	541.0 %	150.5 %	112.9 %	141.4 %	195.2 %	196.0 %	200.0 %
Inventory Turnover	2.1 x	1.4 x	2.5 x	1.5 x	2.6 x	2.9 x	3.0 x
Receivables collection period (days)	73	50	34	40	40	40	40
Payables payment period (days)	32	87	94	127	63	60	59
Cash conversion cycle (Days)	211	219	88	158	117	107	101





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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)			
Vectron Systems AG	3, 5	https://www.mmwarburg.com/disclaimer/disclaimer en/DE000A0KEXC7.htm			



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Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

<u>"_"</u>	Rating suspended:	The available information currently does not permit an evaluation of the company.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
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WARBURG RESEARCH GMBH - A	ANAI YSED RESEARCH	UNIVERSE BY RATING
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Rating	Number of stocks	% of Universe
Buy	152	73
Hold	44	21
Sell	7	3
Rating suspended	4	2
Total	207	100

WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING ...

... taking into account only those companies which were provided with major investment services in the last twelve months.

Rating	Number of stocks	% of Universe
Buy	42	86
Hold	5	10
Sell	0	0
Rating suspended	2	4
Total	49	100

PRICE AND RATING HISTORY VECTRON SYSTEMS AG AS OF 15.08.2023



Markings in the chart show rating changes by Warburg Research GmbH in the last 12 months. Every marking details the date and closing price on the day of the rating change.



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