

Buy EUR 10.00 (EUR 14.00) Price EUR 3.57 Upside 180.1 %	Value Indicators: EUR DCF: 14.00 FCF-Value Potential 23e: 4.00	Warburg ESG Risk Score: 3.0 ESG Score (MSCI based): 3.0 Balance Sheet Score: 5.0 Market Liquidity Score: 1.0	Description: Leading point-of-sale systems with a focus on the gastronomy and bakery sector
	Market Snapshot: EUR m Market cap: 28.5 No. of shares (m): 8.0 EV: 24.8 Freefloat MC: 13.8 Ø Trad. Vol. (30d): 57.89 th	Shareholders: Freefloat 48.30 % Thomas Stümmler 22.60 % Jens Reckendorf 19.10 % Primepulse SE 10.00 %	Key Figures (WRe): 2022e Beta: 1.3 Price / Book: 1.2 x Equity Ratio: 54 %

Guidance revision

Vectron has cut its guidance for FY 2022 as its main customers, specialized dealers, are unexpectedly working through increased inventory levels.

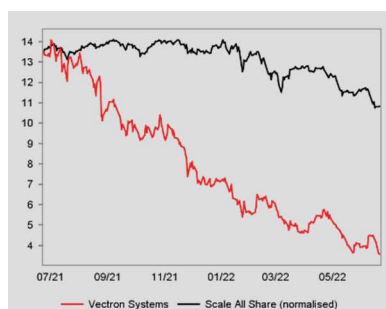
Revenues are now expected in a range of EUR 27–33m, down from EUR 33–36m (WRe EUR 35m so far). As a result of the lower sales base, the EBITDA is now expected to range from a loss of EUR -0.8m to a plus of EUR 0.8m. Previously, the range was EUR 1.9–3.4m (WRe, EUR 2.7m).

The main reason is the inflated inventory levels of the specialized dealers, who stocked up on POS systems in light of the component shortages. This caused lower demand in H1 and potentially in early Q3 as well. This effect is expected to be less of a burden on the operating development in H2, once inventories have normalized.

Another upgrade cycle for the existing fleet of POS systems should fuel a recovery in the operating development in 2023, as the final transition period (for older cash registers which were not upgradable) will end on 31 December 2022. It is assumed that this will affect ~20% of the installed base.

Lower estimates reflect this effect as well as worsening consumer sentiment, which could generally burden demand from the hospitality sector in the coming quarters. The PT is being reduced to EUR 10. Net cash (excl. leasing liabilities) is expected to amount to ~ EUR 12m by the end of 2022 (~EUR 4m incl. leasing liabilities).

Changes in Estimates:				Comment on Changes:	
FY End: 31.12. in EUR m	2022e (old)	+ / -	2023e (old)	+ / -	
Sales	35.0	-18.3 %	38.5	-9.1 %	■ Adjustment of estimates reflect guidance revision and expectation of worsening of consumer sentiment which could reduce demand from hospitality sector in the next quarters
EBITDA	2.7	n.m.	3.8	-29.7 %	

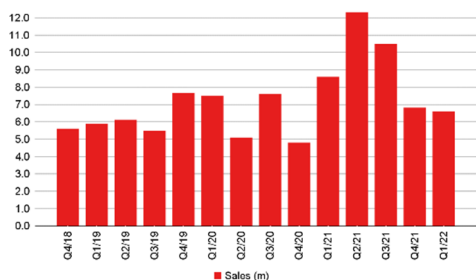


Rel. Performance vs Scale All	
1 month:	-2.4 %
6 months:	-27.6 %
Year to date:	-28.9 %
Trailing 12 months:	-53.8 %

Company events:
31.08.22 H1

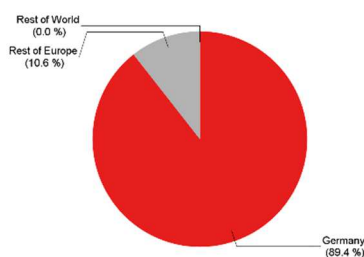
FY End: 31.12. in EUR m	CAGR (21-23e)	2017	2018	2019	2020	2021	2022e	2023e
Sales	-4.3 %	32.4	24.8	25.2	25.0	38.2	28.6	35.0
Change Sales yoy		-4.0 %	-23.3 %	1.4 %	-0.7 %	52.9 %	-25.3 %	22.6 %
Gross profit margin		56.7 %	53.7 %	57.8 %	62.7 %	68.8 %	65.0 %	65.0 %
EBITDA	-25.0 %	2.3	-3.8	-1.4	-1.7	4.7	-0.4	2.7
Margin		7.0 %	-15.2 %	-5.5 %	-6.7 %	12.3 %	-1.5 %	7.6 %
EBIT	-40.0 %	1.8	-5.4	-1.8	-3.0	3.1	-2.0	1.1
Margin		5.4 %	-22.0 %	-7.1 %	-12.0 %	8.2 %	-6.9 %	3.2 %
Net income	-48.7 %	1.1	-3.9	-1.4	-2.3	2.4	-1.5	0.6
EPS	-48.4 %	0.16	-0.59	-0.19	-0.29	0.30	-0.18	0.08
EPS adj.	-48.4 %	0.16	-0.59	-0.19	-0.29	0.30	-0.18	0.08
DPS	-	0.05	0.05	0.00	0.00	0.00	0.00	0.00
Dividend Yield		0.2 %	0.3 %	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		-0.46	-0.40	-0.38	-0.31	1.03	-0.04	0.05
FCF / Market cap		-1.8 %	-2.1 %	-3.4 %	-3.0 %	9.4 %	-1.0 %	1.3 %
EV / Sales		n.a.	n.a.	3.2 x	3.2 x	2.2 x	0.9 x	0.7 x
EV / EBITDA		n.a.	n.a.	n.a.	n.a.	17.7 x	n.a.	9.2 x
EV / EBIT		n.a.	n.a.	n.a.	n.a.	26.6 x	n.a.	21.6 x
P / E		154.5 x	n.a.	n.a.	n.a.	36.2 x	n.a.	44.6 x
P / E adj.		154.5 x	n.a.	n.a.	n.a.	36.2 x	n.a.	44.6 x
FCF Potential Yield		n.a.	n.a.	-1.4 %	-1.4 %	4.5 %	-0.3 %	8.4 %
Net Debt		-1.7	1.2	-0.9	-3.2	-4.0	-3.7	-4.1
ROCE (NOPAT)		11.2 %	n.a.	n.a.	n.a.	11.8 %	n.a.	3.8 %
Guidance:		2022: Revenues EUR 27 - 33m; EBITDA EUR -0.8 - 0.8m						

Sales development in EUR m



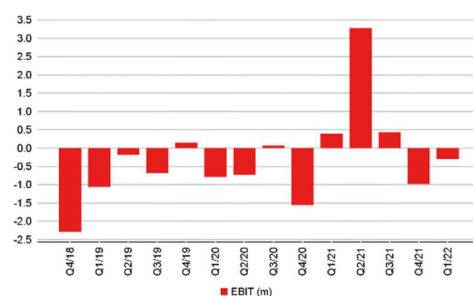
Source: Warburg Research

Sales by regions 2021; in %



Source: Warburg Research

EBIT development in EUR m



Source: Warburg Research

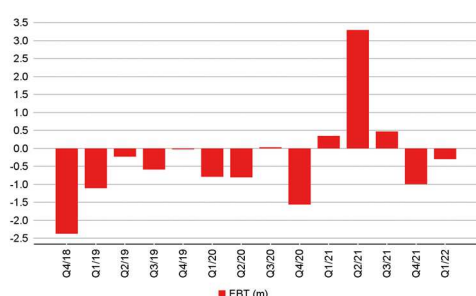
Company Background

- 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.
- Since end of 2013, Vectron addresses non-premium market segments and new markets abroad with a second trademark (Duratec) and simpler systems

Competitive Quality

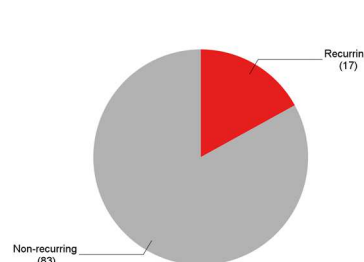
- Factors such as high reliability, ease of operation and low follow-up costs (maintenance/support) are required in the food service and bakery target sectors which are characterised by an atomistic customer structure.
- This explains the high penetration rate of the proprietary POS systems. Given that 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 establishment of the cooperation with DeutschlandCard and potentially further partners.

EBT development in EUR m



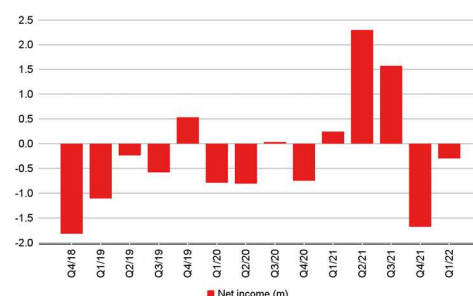
Source: Warburg Research

Recurring sales 2021; in %



Source: Warburg Research

Net income development in EUR m



Source: Warburg Research

DCF model

Figures in EUR m	Detailed forecast period			Transitional period										Term. Value
	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	
Sales	28.6	35.0	38.0	43.7	50.3	53.8	57.5	61.6	64.6	67.9	71.3	74.8	n.a.	1.8 %
Sales change	-25.3 %	22.6 %	8.6 %	15.0 %	15.0 %	7.0 %	7.0 %	7.0 %	5.0 %	5.0 %	5.0 %	5.0 %	n.a.	
EBIT	-2.0	1.1	2.1	4.4	7.5	8.1	8.6	9.2	9.7	10.2	10.7	11.2	n.a.	
EBIT-margin	-6.9 %	3.2 %	5.5 %	10.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	n.a.	
Tax rate (EBT)	31.0 %	31.0 %	31.0 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	30.5 %	n.a.	
NOPAT	-1.3	0.8	1.4	3.0	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.8	n.a.	
Depreciation	1.5	1.5	1.5	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	n.a.	
in % of Sales	5.3 %	4.3 %	4.0 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	n.a.	
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	n.a.	
Change in Liquidity from														
- Working Capital	-0.2	1.2	0.3	1.2	1.2	0.6	0.7	0.7	0.6	0.6	0.6	0.6	n.a.	
- Capex	0.6	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	n.a.	
Capex in % of Sales	2.0 %	1.7 %	1.5 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	1.6 %	n.a.	
- Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
Free Cash Flow (WACC Model)	-0.2	0.5	2.1	1.8	4.1	5.0	5.3	5.7	6.2	6.5	6.8	7.2	n.a.	
PV of FCF	-0.2	0.5	1.7	1.4	2.9	3.3	3.2	3.2	3.2	3.1	3.0	3.0	n.a.	47
share of PVs	2.61 %			37.48 %										59.90 %

Model parameter

Derivation of WACC:		Derivation of Beta:	
Debt ratio	16.00 %	Financial Strength	1.20
Cost of debt (after tax)	2.8 %	Liquidity (share)	1.50
Market return	7.50 %	Cyclicality	1.10
Risk free rate	2.00 %	Transparency	1.40
		Others	1.30
WACC	8.13 %	Beta	1.30

Valuation (m)

Present values 2034e	31		
Terminal Value	47		
Financial liabilities	16		
Pension liabilities	0		
Hybrid capital	0		
Minority interest	0		
Market val. of investments	-3		
Liquidity	20	No. of shares (m)	8.0
Equity Value	79	Value per share (EUR)	9.94

Sensitivity Value per Share (EUR)

Beta	WACC	Terminal Growth							Delta EBIT-margin								
		1.00 %	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp		
1.52	9.1 %	7.92	8.05	8.19	8.34	8.50	8.67	8.85	1.52	9.1 %	7.35	7.68	8.01	8.34	8.67	9.00	9.33
1.41	8.6 %	8.58	8.74	8.90	9.08	9.28	9.48	9.71	1.41	8.6 %	8.02	8.37	8.73	9.08	9.44	9.79	10.15
1.35	8.4 %	8.94	9.11	9.30	9.50	9.71	9.94	10.20	1.35	8.4 %	8.39	8.76	9.13	9.50	9.87	10.24	10.61
1.30	8.1 %	9.33	9.52	9.72	9.94	10.18	10.44	10.72	1.30	8.1 %	8.79	9.17	9.56	9.94	10.33	10.72	11.10
1.25	7.9 %	9.75	9.96	10.18	10.43	10.70	10.99	11.30	1.25	7.9 %	9.22	9.63	10.03	10.43	10.83	11.23	11.64
1.19	7.6 %	10.20	10.43	10.68	10.96	11.26	11.58	11.94	1.19	7.6 %	9.70	10.12	10.54	10.96	11.38	11.80	12.22
1.08	7.1 %	11.21	11.51	11.82	12.17	12.55	12.96	13.43	1.08	7.1 %	10.78	11.24	11.70	12.17	12.63	13.09	13.56

- Model reflects fiscal regulation
- Increasing digitalization drives mid term sales and profitability increase

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	2017	2018	2019	2020	2021	2022e	2023e	
Net Income before minorities	n.a.	n.a.	-1.4	-2.3	2.4	-1.5	0.6	
+ Depreciation + Amortisation	n.a.	n.a.	0.4	1.3	1.6	1.5	1.5	
- Net Interest Income	n.a.	n.a.	-0.2	-0.1	0.0	-0.2	-0.2	
- Maintenance Capex	n.a.	n.a.	0.3	0.3	0.3	0.3	0.3	
+ Other	n.a.	n.a.	0.0	0.0	0.0	0.0	0.0	
= Free Cash Flow Potential	n.a.	n.a.	-1.1	-1.2	3.7	-0.1	2.1	
FCF Potential Yield (on market EV)	n/a	n/a	-1.4 %	-1.4 %	4.5 %	-0.3 %	8.4 %	
WACC	8.13 %	8.13 %	8.13 %	8.13 %	8.13 %	8.13 %	8.13 %	
= Enterprise Value (EV)	n.a.	n.a.	79.9	79.8	83.4	24.8	24.4	
= Fair Enterprise Value	n.a.	n.a.	n.a.	n.a.	45.8	n.a.	25.3	
- Net Debt (Cash)	n.a.	n.a.	-3.7	-3.7	-3.7	-3.7	-4.1	
- Pension Liabilities	n.a.	n.a.	0.0	0.0	0.0	0.0	0.0	
- Other	n.a.	n.a.	0.0	0.0	0.0	0.0	0.0	
- Market value of minorities	n.a.	n.a.	0.0	0.0	0.0	0.0	0.0	
+ Market value of investments	n.a.	n.a.	0.0	0.0	0.0	0.0	0.0	
= Fair Market Capitalisation	n.a.	n.a.	n.a.	n.a.	49.6	n.a.	29.5	
Number of shares, average	6.6	6.6	7.2	8.0	8.0	8.0	8.0	
= Fair value per share (EUR)	n.a.	n.a.	n.a.	n.a.	6.16	n.a.	3.66	
premium (-) / discount (+) in %							2.5 %	
Sensitivity Fair value per Share (EUR)								
	11.13 %	n.a.	n.a.	n.a.	n.a.	4.66	n.a.	2.83
	10.13 %	n.a.	n.a.	n.a.	n.a.	5.07	n.a.	3.06
	9.13 %	n.a.	n.a.	n.a.	n.a.	5.57	n.a.	3.34
WACC	8.13 %	n.a.	n.a.	n.a.	n.a.	6.16	n.a.	3.66
	7.13 %	n.a.	n.a.	n.a.	n.a.	7.01	n.a.	4.13
	6.13 %	n.a.	n.a.	n.a.	n.a.	8.07	n.a.	4.72
	5.13 %	n.a.	n.a.	n.a.	n.a.	9.55	n.a.	5.54

- Rising value indication with higher business volume...
- ...this is due to a high operating leverage given gross margins of >50%

Valuation	2017	2018	2019	2020	2021	2022e	2023e
Price / Book	11.4 x	12.6 x	5.8 x	3.6 x	3.4 x	1.2 x	1.2 x
Book value per share ex intangibles	1.94	1.51	1.88	2.89	3.05	2.86	2.94
EV / Sales	n.a.	n.a.	3.2 x	3.2 x	2.2 x	0.9 x	0.7 x
EV / EBITDA	n.a.	n.a.	n.a.	n.a.	17.7 x	n.a.	9.2 x
EV / EBIT	n.a.	n.a.	n.a.	n.a.	26.6 x	n.a.	21.6 x
EV / EBIT adj.*	n.a.	n.a.	n.a.	n.a.	26.6 x	n.a.	21.6 x
P / FCF	n.a.	n.a.	n.a.	n.a.	10.6 x	n.a.	74.7 x
P / E	154.5 x	n.a.	n.a.	n.a.	36.2 x	n.a.	44.6 x
P / E adj.*	154.5 x	n.a.	n.a.	n.a.	36.2 x	n.a.	44.6 x
Dividend Yield	0.2 %	0.3 %	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	n.a.	n.a.	-1.4 %	-1.4 %	4.5 %	-0.3 %	8.4 %

*Adjustments made for: -

Consolidated profit & loss

In EUR m	2017	2018	2019	2020	2021	2022e	2023e
Sales	32.4	24.8	25.2	25.0	38.2	28.6	35.0
Change Sales yoy	-4.0 %	-23.3 %	1.4 %	-0.7 %	52.9 %	-25.3 %	22.6 %
Increase / decrease in inventory	0.6	0.2	0.0	-0.1	0.2	0.0	0.0
Own work capitalised	0.0	0.0	0.0	0.4	0.1	0.0	0.0
Total Sales	33.0	25.0	25.2	25.3	38.5	28.6	35.0
Material expenses	14.6	11.7	10.7	9.6	12.2	10.0	12.3
Gross profit	18.4	13.3	14.5	15.7	26.3	18.6	22.8
<i>Gross profit margin</i>	<i>56.7 %</i>	<i>53.7 %</i>	<i>57.8 %</i>	<i>62.7 %</i>	<i>68.8 %</i>	<i>65.0 %</i>	<i>65.0 %</i>
Personnel expenses	9.7	10.2	9.3	9.6	12.0	11.0	11.4
Other operating income	0.6	0.5	0.3	0.9	0.1	0.6	0.6
Other operating expenses	7.0	7.4	7.0	8.6	9.7	8.6	9.3
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	2.3	-3.8	-1.4	-1.7	4.7	-0.4	2.7
<i>Margin</i>	<i>7.0 %</i>	<i>-15.2 %</i>	<i>-5.5 %</i>	<i>-6.7 %</i>	<i>12.3 %</i>	<i>-1.5 %</i>	<i>7.6 %</i>
Depreciation of fixed assets	0.3	0.4	0.2	1.2	1.5	1.3	1.3
EBITA	1.9	-4.2	-1.6	-2.9	3.2	-1.8	1.3
Amortisation of intangible assets	0.2	1.3	0.2	0.1	0.1	0.2	0.2
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	1.8	-5.4	-1.8	-3.0	3.1	-2.0	1.1
<i>Margin</i>	<i>5.4 %</i>	<i>-22.0 %</i>	<i>-7.1 %</i>	<i>-12.0 %</i>	<i>8.2 %</i>	<i>-6.9 %</i>	<i>3.2 %</i>
EBIT adj.	1.8	-5.4	-1.8	-3.0	3.1	-2.0	1.1
Interest income	0.1	0.0	0.0	0.2	0.3	0.0	0.0
Interest expenses	0.2	0.2	0.2	0.4	0.3	0.2	0.2
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	1.7	-5.6	-2.0	-3.1	3.1	-2.2	0.9
<i>Margin</i>	<i>5.1 %</i>	<i>-22.6 %</i>	<i>-7.8 %</i>	<i>-12.5 %</i>	<i>8.2 %</i>	<i>-7.6 %</i>	<i>2.7 %</i>
Total taxes	0.6	-1.7	-0.6	-0.8	0.7	-0.7	0.3
Net income from continuing operations	1.1	-3.9	-1.4	-2.3	2.4	-1.5	0.6
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	1.1	-3.9	-1.4	-2.3	2.4	-1.5	0.6
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	1.1	-3.9	-1.4	-2.3	2.4	-1.5	0.6
<i>Margin</i>	<i>3.3 %</i>	<i>-15.6 %</i>	<i>-5.5 %</i>	<i>-9.2 %</i>	<i>6.4 %</i>	<i>-5.2 %</i>	<i>1.8 %</i>
Number of shares, average	6.6	6.6	7.2	8.0	8.0	8.0	8.0
EPS	0.16	-0.59	-0.19	-0.29	0.30	-0.18	0.08
EPS adj.	0.16	-0.59	-0.19	-0.29	0.30	-0.18	0.08

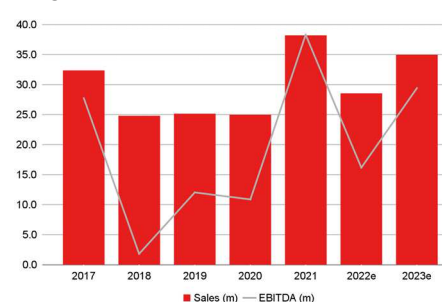
*Adjustments made for:

Guidance: 2022: Revenues EUR 27 - 33m; EBITDA EUR -0.8 - 0.8m

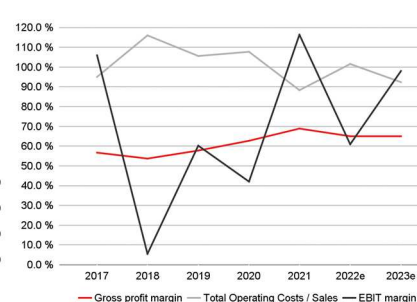
Financial Ratios

	2017	2018	2019	2020	2021	2022e	2023e
Total Operating Costs / Sales	95.0 %	116.1 %	105.6 %	107.7 %	88.4 %	101.5 %	92.4 %
Operating Leverage	10.9 x	n.a.	-48.6 x	-103.6 x	n.a.	n.a.	n.a.
EBITDA / Interest expenses	14.9 x	n.m.	n.m.	n.m.	16.0 x	n.m.	13.3 x
Tax rate (EBT)	35.3 %	31.0 %	28.7 %	26.0 %	22.0 %	31.0 %	31.0 %
Dividend Payout Ratio	30.7 %	n.m.	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	203,667	154,193	156,331	139,676	211,199	219,686	269,231

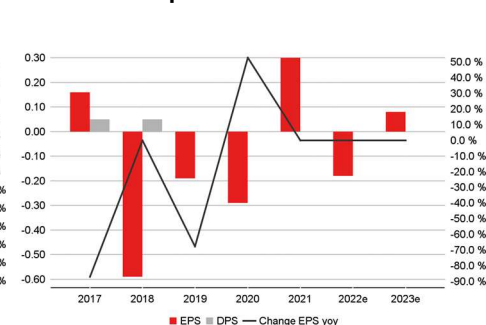
Sales, EBITDA
in EUR m



Operating Performance
in %



Performance per Share



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

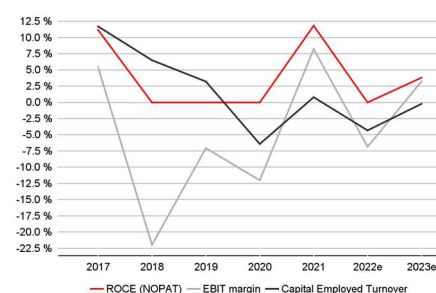
Consolidated balance sheet

In EUR m	2017	2018	2019	2020	2021	2022e	2023e
Assets							
Goodwill and other intangible assets	1.5	0.2	0.1	0.1	1.2	1.2	1.2
thereof other intangible assets	1.5	0.2	0.1	0.1	1.2	1.2	1.2
thereof Goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Property, plant and equipment	0.6	0.6	0.5	1.9	9.6	8.6	7.7
Financial assets	1.8	1.8	2.1	2.1	0.4	0.4	0.4
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	4.0	2.6	2.6	4.0	11.2	10.2	9.3
Inventories	7.6	5.8	5.0	6.7	4.9	3.6	4.4
Accounts receivable	3.3	2.3	5.0	3.5	3.6	3.1	3.8
Liquid assets	5.5	11.6	11.3	8.3	19.9	19.2	18.7
Other short-term assets	1.1	2.7	2.8	9.4	8.2	8.2	8.2
Current assets	17.5	22.3	24.1	27.9	36.5	34.1	35.1
Total Assets	21.5	24.9	26.7	31.9	47.7	44.3	44.4
Liabilities and shareholders' equity							
Subscribed capital	6.6	6.6	7.3	8.0	8.1	8.1	8.1
Capital reserve	5.4	5.4	9.7	20.2	20.2	20.2	20.2
Retained earnings	0.0	0.0	0.0	0.0	0.0	-1.5	-0.8
Other equity components	2.3	-1.9	-3.3	-5.0	-2.7	-2.7	-2.7
Shareholders' equity	14.3	10.1	13.8	23.2	25.6	24.1	24.7
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	14.3	10.1	13.8	23.2	25.6	24.1	24.7
Provisions	1.7	1.0	1.2	0.3	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)	3.8	12.8	10.4	5.1	15.8	15.5	14.6
Short-term financial liabilities	1.1	0.8	10.4	1.9	5.1	5.1	5.1
Accounts payable	1.4	0.6	0.9	2.3	3.2	1.6	1.9
Other liabilities	0.2	0.4	0.4	1.0	3.0	3.0	3.0
Liabilities	7.2	14.7	12.9	8.7	22.2	20.3	19.7
Total liabilities and shareholders' equity	21.5	24.9	26.7	31.9	47.7	44.3	44.4

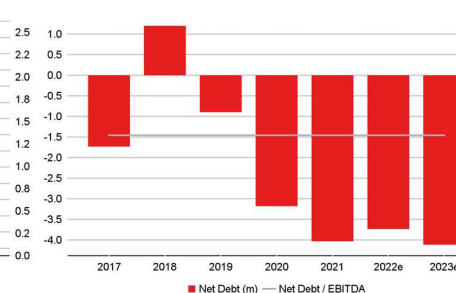
Financial Ratios

	2017	2018	2019	2020	2021	2022e	2023e
Efficiency of Capital Employment							
Operating Assets Turnover	3.2 x	3.1 x	2.6 x	2.6 x	2.6 x	2.1 x	2.5 x
Capital Employed Turnover	2.6 x	2.2 x	1.9 x	1.3 x	1.8 x	1.4 x	1.7 x
ROA	27.2 %	-151.1 %	-52.7 %	-57.7 %	21.8 %	-14.5 %	6.9 %
Return on Capital							
ROCE (NOPAT)	11.2 %	n.a.	n.a.	n.a.	11.8 %	n.a.	3.8 %
ROE	7.4 %	-31.7 %	-11.6 %	-12.5 %	10.0 %	-6.0 %	2.6 %
Adj. ROE	7.4 %	-31.7 %	-11.6 %	-12.5 %	10.0 %	-6.0 %	2.6 %
Balance sheet quality							
Net Debt	-1.7	1.2	-0.9	-3.2	-4.0	-3.7	-4.1
Net Financial Debt	-1.7	1.2	-0.9	-3.2	-4.0	-3.7	-4.1
Net Gearing	-12.1 %	11.9 %	-6.5 %	-13.7 %	-15.8 %	-15.5 %	-16.6 %
Net Fin. Debt / EBITDA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Book Value / Share	2.2	1.5	1.9	2.9	3.2	3.0	3.1
Book value per share ex intangibles	1.9	1.5	1.9	2.9	3.0	2.9	2.9

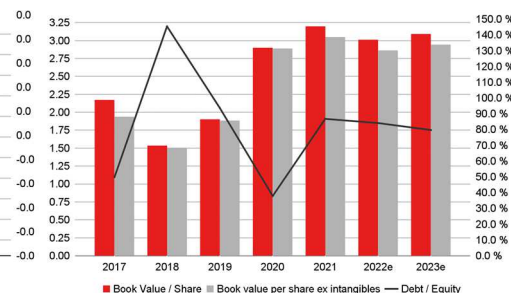
ROCE Development



Net debt in EUR m



Book Value per Share in EUR



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

Consolidated cash flow statement

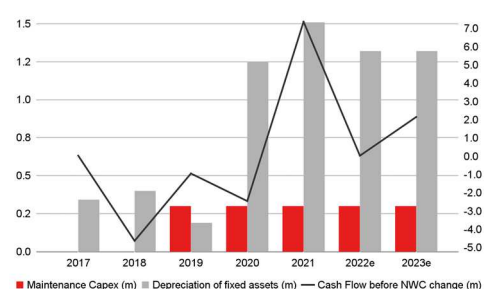
In EUR m	2017	2018	2019	2020	2021	2022e	2023e
Net income	1.1	-3.9	-1.4	-2.3	2.4	-1.5	0.6
Depreciation of fixed assets	0.3	0.4	0.2	1.2	1.5	1.3	1.3
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.2	1.3	0.2	0.1	0.1	0.2	0.2
Increase/decrease in long-term provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other non-cash income and expenses	-1.6	-2.4	0.1	-1.5	3.3	0.0	0.0
Cash Flow before NWC change	0.0	-4.6	-0.9	-2.4	7.4	0.0	2.2
Increase / decrease in inventory	-2.9	1.8	0.8	-1.8	1.8	1.3	-0.8
Increase / decrease in accounts receivable	1.6	1.0	-2.7	1.6	-0.1	0.5	-0.7
Increase / decrease in accounts payable	0.0	-0.8	0.3	1.4	0.9	-1.6	0.3
Increase / decrease in other working capital positions	-0.3	0.3	0.0	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	-1.5	2.3	-1.6	1.2	2.5	0.3	-1.2
Net cash provided by operating activities [1]	-1.5	-2.3	-2.5	-1.3	9.9	0.3	1.0
Investments in intangible assets	-1.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Investments in property, plant and equipment	-0.2	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial investments	-0.9	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.1	0.5	1.7	0.0	0.0
Net cash provided by investing activities [2]	-2.4	-0.3	-0.1	-0.7	0.1	-0.6	-0.6
Change in financial liabilities	-0.6	8.9	-2.3	-10.4	1.6	-0.3	-0.9
Dividends paid	-1.6	-0.3	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	0.0	0.0	5.1	11.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	3.4	0.0	0.0
Net cash provided by financing activities [3]	-2.2	8.6	2.7	0.7	5.0	-0.3	-0.9
Change in liquid funds [1]+[2]+[3]	-6.1	6.0	0.1	-1.3	15.0	-0.6	-0.5
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	5.5	11.6	11.7	10.0	23.3	19.2	18.7

Financial Ratios

	2017	2018	2019	2020	2021	2022e	2023e
Cash Flow							
FCF	-3.0	-2.6	-2.7	-2.5	8.3	-0.3	0.4
Free Cash Flow / Sales	-9.3 %	-10.6 %	-10.8 %	-10.0 %	21.6 %	-1.0 %	1.1 %
Free Cash Flow Potential	n.a.	n.a.	-1.1	-1.2	3.7	-0.1	2.1
Free Cash Flow / Net Profit	-279.6 %	67.8 %	196.0 %	108.0 %	338.8 %	20.0 %	59.5 %
Interest Received / Avg. Cash	0.7 %	0.5 %	0.2 %	2.4 %	2.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	3.7 %	2.5 %	1.7 %	4.7 %	2.8 %	1.3 %	1.3 %
Management of Funds							
Investment ratio	4.7 %	2.3 %	2.3 %	2.3 %	1.5 %	2.0 %	1.7 %
Maint. Capex / Sales	n.a.	n.a.	1.2 %	1.2 %	0.8 %	1.1 %	0.9 %
Capex / Dep	300.2 %	34.5 %	148.7 %	43.3 %	36.8 %	38.2 %	38.2 %
Avg. Working Capital / Sales	27.3 %	34.1 %	32.8 %	33.8 %	17.3 %	18.3 %	16.3 %
Trade Debtors / Trade Creditors	228.8 %	375.5 %	541.0 %	150.5 %	112.9 %	193.8 %	200.0 %
Inventory Turnover	1.9 x	2.0 x	2.1 x	1.4 x	2.5 x	2.8 x	2.8 x
Receivables collection period (days)	37	33	73	50	34	40	40
Payables payment period (days)	36	19	32	87	94	58	57
Cash conversion cycle (Days)	191	196	211	219	88	113	114

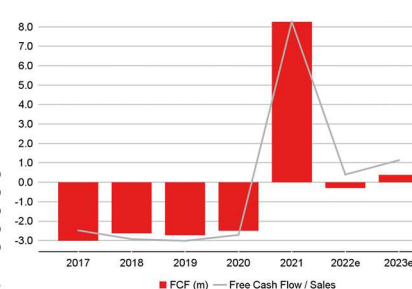
CAPEX and Cash Flow

in EUR m



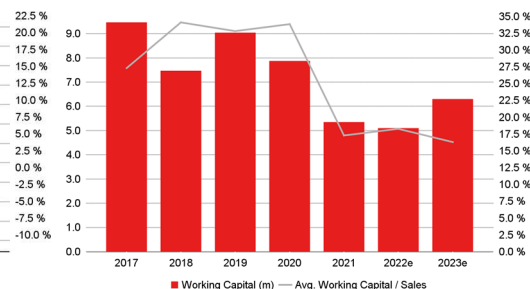
Source: Warburg Research

Free Cash Flow Generation



Source: Warburg Research

Working Capital



Source: Warburg Research

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This report has been made accessible to the company analysed.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Vectron Systems AG	3, 5	http://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 price target in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
“-“	Rating suspended:	The available information currently does not permit an evaluation of the company.

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Rating	Number of stocks	% of Universe
Buy	172	80
Hold	36	17
Sell	3	1
Rating suspended	3	1
Total	214	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	52	87
Hold	5	8
Sell	1	2
Rating suspended	2	3
Total	60	100

PRICE AND RATING HISTORY VECTRON SYSTEMS AG AS OF 22.06.2022



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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