(Scale All Share, Technology)



Duv		Value Indicators:	EUR	Share data:		Description:		
Buy		DCF:	20.00	Bloomberg:	V3S GR	Loading point of dail of ottomo mine		
20 00		FCF-Value Potential 2022e:	16.00	Reuters:	V3SG	focus on the gastronomy a	nd bakery	
EUR 20.00				ISIN:	DE000A0KEXC7	sector		
		Market Snapshot:	EUR m	Shareholders:		Risk Profile (WRe):	2020e	
Deine	EUD 0.00	Market cap:	69.2	Freefloat	48.3 %	Beta:	1.3	
Price	EUR 8.66	No. of shares (m):	8.0	Thomas Stümmler	22.6 %	Price / Book:	3.1 x	
Upside	130.9 %	EV:	58.0	Jens Reckendorf	19.1 %	Equity Ratio:	63 %	
		Freefloat MC:	33.4	Primepulse SE	10.0 %			
		Ø Trad. Vol. (30d):	256.30 th	TBF Global Asset Managem	nent 5.0 %			

Q2 results ahead of expectations

Figures Q2/20	020:							
FY End: 31.12. in EUR m	Q2 20	Q2 20e	Q2 19	yoy	6M 20	6M 20e	6M 19	yoy
Sales EBITDA	5.1 -0.7	3.0 -2.4	6.1 -0.1	-17 % n.a.	12.6 -1.3	10.5 -3.1	12.0 -1.0	5 % n.a.

Comment on Figures:

- After a very weak start to the quarter, Vectron achieved a significantly higher sales level than feared
- EBITDA remained flat qoq, despite a significant sequential sales decline of >30%
- The higher profitability is expected to reflect a better product mix (e.g. software upgrade comes with higher margins) and more favourable cost development than expected
- Profitability is still burdened by investments in digital services.

Vectron released preliminary Q2 results on Tuesday (28.07.2020). Despite a weak start to the quarter, sales development was better than feared towards the end of Q2. This should be attributable to the upcoming end of the non-application period for tamper-proof cash registers. At earnings level, EBITDA of EUR -0.7m remained at the Q1 level despite a 32% sales decline qoq. This reflects the absence of one-offs (capital increase costs were registered in Q1), probably a better product mix, generally better cost development and some savings measures.

The requirement for tamper-proof cash registers remains a strong demand driver in the short term in Germany. Some federal states have extended the non-objection period by two additional quarters to March 31 2021, following the decision by German federal ministry of finance that this period would not be extended post September 30. This should not affect H2 demand, however, as the exception will only be granted if the placement of a binding order for a new POS system, or upgrade, can be proved by the tax payer (restaurant, bakery etc.). Hence, demand should be significant in the quarters ahead for upgrades or replacements of older POS systems. It is assumed that 25-50% of the existing installed base will be replaced, which results in sales potential of EUR 50-80m in the coming ~18-36 months. As prolongation of the non-objection period in some federal states will only be negligible and recovery in demand has set in earlier than assumed, the estimates for FY 2020 are being raised.

The decisive factor for the investment case remains however the establishment of the POS system as central hardware for digital services (SaaS model), which could yield some news later in the year. The need for tamper-proof cash registers can act as a catalyst as potential customers have to acquire a new system. Rating and PT remain unchanged.

Changes in E	stimates:					
FY End: 31.12. in EUR m	2020e (old)	+/-	2021e (old)	+/-	2022e (old)	+/-
Sales	25.6 -3.8	7.4 %	53.5 7.1	0.0 %	65.4 12.6	0.0 %

Q2

Comment on Changes:

- 2020 revenue estimate raised after better Q2 sales than expected and as POS regulation should lead to a further rise in demand in H2
- · Earnings estimates raised based on better Q2 profitability and higher sales base

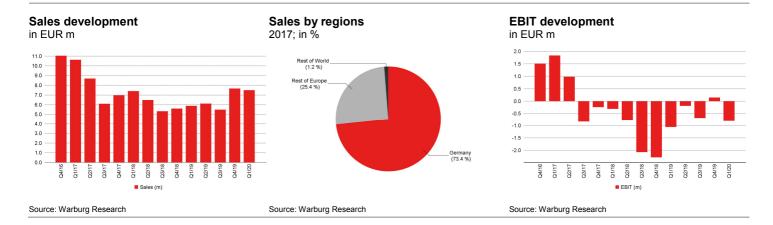


Rel. Performance vs Scale	All
1 month:	-5.4 %
6 months:	-41.3 %
Year to date:	-51.4 %
Trailing 12 months:	-17.9 %
Company events:	

FY End: 31.12.	CAGR							
in EUR m	(19-22e)	2016	2017	2018	2019	2020e	2021e	2022e
Sales	37.5 %	33.7	32.4	24.8	25.2	27.5	53.5	65.4
Change Sales yoy		33.7 %	-4.0 %	-23.3 %	1.4 %	9.2 %	94.6 %	22.3 %
Gross profit margin		54.4 %	56.7 %	53.7 %	57.8 %	58.4 %	57.5 %	58.0 %
EBITDA	-	3.6	2.3	-3.8	-1.4	-1.6	7.8	13.2
Margin		10.7 %	7.0 %	-15.2 %	-5.5 %	-6.0 %	14.5 %	20.2 %
EBIT	-	3.1	1.8	-5.4	-1.8	-2.3	7.1	12.6
Margin		9.1 %	5.4 %	-22.0 %	-7.1 %	-8.2 %	13.3 %	19.3 %
Net income	-	2.0	1.1	-3.9	-1.4	-1.9	4.6	8.3
EPS	-	1.23	0.16	-0.59	-0.19	-0.24	0.57	1.05
EPS adj.	-	1.23	0.16	-0.59	-0.19	-0.24	0.57	1.05
DPS	-	1.00	0.05	0.05	0.00	0.00	0.10	0.20
Dividend Yield		9.0 %	0.2 %	0.3 %	n.a.	n.a.	1.2 %	2.3 %
FCFPS		0.23	-0.46	-0.40	-0.38	-0.06	0.38	0.80
FCF / Market cap		2.1 %	-1.8 %	-2.1 %	-3.4 %	-0.7 %	4.3 %	9.2 %
EV / Sales		n.a.	5.0 x	5.2 x	3.2 x	2.1 x	1.0 x	0.8 x
EV / EBITDA		n.a.	71.4 x	n.a.	n.a.	n.a.	7.1 x	3.7 x
EV / EBIT		n.a.	92.2 x	n.a.	n.a.	n.a.	7.7 x	3.9 x
P/E		9.1 x	154.5 x	n.a.	n.a.	n.a.	15.2 x	8.2 x
P / E adj.		9.1 x	154.5 x	n.a.	n.a.	n.a.	15.2 x	8.2 x
FCF Potential Yield	l	n.a.	0.9 %	-1.8 %	-1.4 %	-2.3 %	9.6 %	18.4 %
Net Debt		-7.2	-1.7	1.2	-0.9	-11.2	-14.2	-19.8
ROCE (NOPAT)		29.8 %	11.2 %	n.a.	n.a.	n.a.	42.0 %	65.0 %
Guidance:	2020: -							

31.08.20



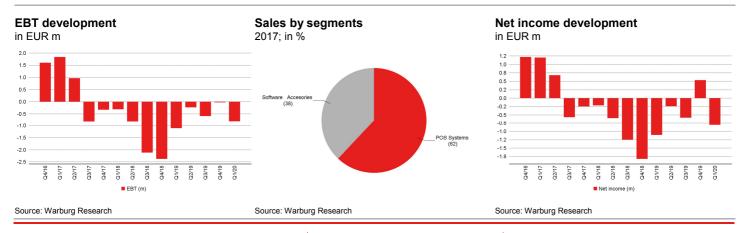


Company Background

- 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 faces 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%.
- Current growth opportunities are arising from the establishment of the cooperation with DeutschlandCard and potentially further partners.





DCF model														
	Detaile	d forecas	t period				7	Γransition	al period					Term. Value
Figures in EUR m	2020e	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	
Sales	27.5	53.5	65.4	56.2	65.2	71.1	76.1	81.4	85.5	89.8	94.3	99.0	n.a.	
Sales change	9.2 %	94.6 %	22.3 %	-14.0 %	16.0 %	9.0 %	7.0 %	7.0 %	5.0 %	5.0 %	5.0 %	5.0 %	n.a.	1.8 %
EBIT	-2.3	7.1	12.6	7.9	11.7	14.2	15.2	16.3	17.1	18.0	18.9	19.8	n.a.	
EBIT-margin	-8.2 %	13.3 %	19.3 %	14.0 %	18.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	n.a.	
Tax rate (EBT)	24.3 %	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	-1.7	4.9	8.7	5.5	8.2	9.9	10.6	11.3	11.9	12.5	13.1	13.8	n.a.	
Depreciation	0.6	0.6	0.6	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	n.a.	
in % of Sales	2.3 %	1.2 %	0.9 %	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	-1.3	3.0	2.0	-2.2	1.1	1.1	0.9	1.0	0.7	0.8	0.8	8.0	n.a.	
- Capex	0.6	0.6	0.6	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	n.a.	
Capex in % of Sales	2.1 %	1.1 %	0.9 %	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)	-0.3	2.0	6.7	7.7	7.1	8.8	9.7	10.4	11.2	11.7	12.3	12.9	n.a.	14
PV of FCF	-0.3	1.8	5.7	6.1	5.2	5.9	6.0	5.9	5.9	5.7	5.5	5.4	n.a.	82
share of PVs		4.96 %						39.0	1 %					56.04 %

Model parameter				Valuation (m)							
Derivation of WACC:		Derivation of Beta:		Present values 2032e	64						
				Terminal Value	82						
Debt ratio	6.00 %	Financial Strength	1.20	Financial liabilities	10						
Cost of debt (after tax)	2.8 %	Liquidity (share)	1.50	Pension liabilities	0						
Market return	7.00 %	Cyclicality	1.10	Hybrid capital	0						
Risk free rate	1.50 %	Transparency	1.40	Minority interest	0						
		Others	1.30	Market val. of investments	2						
				Liquidity	23	No. of shares (m)	8.0				
WACC	8.30 %	Beta	1.30	Equity Value	160	Value per share (EUR)	19.98				

Sens	itivity Va	lue per Sh	are (EUR)													
		Terminal (Growth								Delta EBIT	ī-margin					
Beta	WACC	1.00 %	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.49	9.3 %	16.49	16.72	16.96	17.21	17.48	17.78	18.09	1.49	9.3 %	15.89	16.33	16.77	17.21	17.65	18.10	18.54
1.40	8.8 %	17.63	17.90	18.19	18.49	18.82	19.18	19.56	1.40	8.8 %	17.07	17.54	18.02	18.49	18.97	19.44	19.92
1.35	8.5 %	18.25	18.55	18.87	19.21	19.57	19.97	20.39	1.35	8.5 %	17.73	18.22	18.71	19.21	19.70	20.19	20.69
1.30	8.3 %	18.93	19.25	19.60	19.98	20.38	20.82	21.30	1.30	8.3 %	18.44	18.95	19.46	19.98	20.49	21.00	21.52
1.25	8.0 %	19.64	20.00	20.39	20.81	21.26	21.75	22.28	1.25	8.0 %	19.20	19.74	20.27	20.81	21.34	21.88	22.41
1.20	7.8 %	20.42	20.82	21.25	21.71	22.21	22.76	23.37	1.20	7.8 %	20.04	20.59	21.15	21.71	22.27	22.83	23.38
1.11	7.3 %	22.16	22.65	23.18	23.76	24.40	25.10	25.87	1.11	7.3 %	21.93	22.54	23.15	23.76	24.38	24.99	25.60

- Model reflects fiscal regulation
- Increasing digitalization drives mid term sales and profitability increase
- Model is not yet reflecting the company target of > EUR 100m in sales by 2022



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	2016	2017	2018	2019	2020e	2021e	2022e
Net Income before minorities	n.a.	1.1	-3.9	-1.4	-1.9	4.8	8.6
+ Depreciation + Amortisation	n.a.	0.5	1.7	0.4	0.6	0.6	0.6
- Net Interest Income	n.a.	-0.1	-0.2	-0.2	-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	0.0	0.0	0.0
= Free Cash Flow Potential	n.a.	1.4	-2.3	-1.1	-1.3	5.3	9.1
FCF Potential Yield (on market EV)	n/a	0.9 %	-1.8 %	-1.4 %	-2.3 %	9.6 %	18.4 %
WACC	8.30 %	8.30 %	8.30 %	8.30 %	8.30 %	8.30 %	8.30 %
= Enterprise Value (EV)	n.a.	161.4	128.5	79.9	58.0	55.0	49.4
= Fair Enterprise Value	n.a.	16.6	n.a.	n.a.	n.a.	63.9	109.5
- Net Debt (Cash)	n.a.	-11.2	-11.2	-11.2	-11.2	-14.2	-19.8
- Pension Liabilities	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
- Other	n.a.	0.0	0.0	0.0	0.0	0.0	0.0
- 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.	27.7	n.a.	n.a.	n.a.	78.1	129.2
Number of shares, average	1.6	6.6	6.6	7.2	7.9	7.9	7.9
= Fair value per share (EUR)	n.a.	4.20	n.a.	n.a.	n.a.	9.85	16.30
premium (-) / discount (+) in %						13.7 %	88.2 %
Sensitivity Fair value per Share (E	UR)						
1.	1.30 % n.a.	2.92	n.a.	n.a.	n.a.	7.65	12.54
10	0.30 % n.a.	3.07	n.a.	n.a.	n.a.	8.22	13.51
(9.30 % n.a.	3.25	n.a.	n.a.	n.a.	8.91	14.70
WACC	8.30 % n.a.	3.47	n.a.	n.a.	n.a.	9.77	16.17
	7.30 % n.a.	3.76	n.a.	n.a.	n.a.	10.87	18.05
	6.30 % n.a.	4.13	n.a.	n.a.	n.a.	12.31	20.52
	5.30 % n.a.	4.64	n.a.	n.a.	n.a.	14.30	23.93

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

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



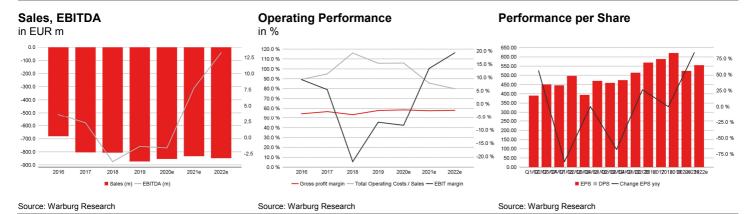
Valuation							
	2016	2017	2018	2019	2020e	2021e	2022e
Price / Book	1.2 x	11.4 x	12.6 x	5.8 x	3.1 x	2.6 x	2.0 x
Book value per share ex intangibles	8.75	1.94	1.51	1.88	2.77	3.31	4.25
EV / Sales	n.a.	5.0 x	5.2 x	3.2 x	2.1 x	1.0 x	0.8 x
EV / EBITDA	n.a.	71.4 x	n.a.	n.a.	n.a.	7.1 x	3.7 x
EV / EBIT	n.a.	92.2 x	n.a.	n.a.	n.a.	7.7 x	3.9 x
EV / EBIT adj.*	n.a.	92.2 x	n.a.	n.a.	n.a.	7.7 x	3.9 x
P / FCF	48.7 x	n.a.	n.a.	n.a.	n.a.	23.0 x	10.9 x
P/E	9.1 x	154.5 x	n.a.	n.a.	n.a.	15.2 x	8.2 x
P / E adj.*	9.1 x	154.5 x	n.a.	n.a.	n.a.	15.2 x	8.2 x
Dividend Yield	9.0 %	0.2 %	0.3 %	n.a.	n.a.	1.2 %	2.3 %
FCF Potential Yield (on market EV)	n.a.	0.9 %	-1.8 %	-1.4 %	-2.3 %	9.6 %	18.4 %
*Adjustments made for: -							



Consolidated profit & loss							
In EUR m	2016	2017	2018	2019	2020e	2021e	20226
Sales	33.7	32.4	24.8	25.2	27.5	53.5	65.4
Change Sales yoy	33.7 %	-4.0 %	-23.3 %	1.4 %	9.2 %	94.6 %	22.3 %
Increase / decrease in inventory	0.0	0.6	0.2	0.0	0.0	0.0	0.0
Own work capitalised	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Sales	33.7	33.0	25.0	25.2	27.5	53.5	65.4
Material expenses	15.4	14.6	11.7	10.7	11.4	22.7	27.5
Gross profit	18.4	18.4	13.3	14.5	16.1	30.8	37.9
Gross profit margin	54.4 %	56.7 %	53.7 %	57.8 %	58.4 %	57.5 %	58.0 %
Personnel expenses	8.6	9.7	10.2	9.3	10.2	11.6	12.5
Other operating income	0.4	0.6	0.5	0.3	0.6	0.6	0.8
Other operating expenses	6.6	7.0	7.4	7.0	8.1	12.0	13.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	3.6	2.3	-3.8	-1.4	-1.6	7.8	13.2
Margin	10.7 %	7.0 %	-15.2 %	-5.5 %	-6.0 %	14.5 %	20.2 %
Depreciation of fixed assets	0.3	0.3	0.4	0.2	0.4	0.4	0.4
EBITA	3.3	1.9	-4.2	-1.6	-2.1	7.3	12.8
Amortisation of intangible assets	0.2	0.2	1.3	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	3.1	1.8	-5.4	-1.8	-2.3	7.1	12.6
Margin	9.1 %	5.4 %	-22.0 %	-7.1 %	-8.2 %	13.3 %	19.3 %
EBIT adj.	3.1	1.8	-5.4	-1.8	-2.3	7.1	12.6
Interest income	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Interest expenses	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Other financial income (loss)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
EBT	3.0	1.7	-5.6	-2.0	-2.5	6.9	12.4
Margin	8.8 %	5.1 %	-22.6 %	-7.8 %	-9.0 %	13.0 %	19.0 %
Total taxes	1.0	0.6	-1.7	-0.6	-0.6	2.1	3.8
Net income from continuing operations	2.0	1.1	-3.9	-1.4	-1.9	4.8	8.6
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	2.0	1.1	-3.9	-1.4	-1.9	4.8	8.6
Minority interest	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Net income	2.0	1.1	-3.9	-1.4	-1.9	4.6	8.3
Margin	5.8 %	3.3 %	-15.6 %	-5.5 %	-6.8 %	8.5 %	12.7 %
Number of shares, average	1.6	6.6	6.6	7.2	7.9	7.9	7.9
EPS	1.23	0.16	-0.59	-0.19	-0.24	0.57	1.05
EPS adj.	1.23	0.16	-0.59	-0.19	-0.24	0.57	1.05
*Adjustments made for:							

Guidance: 2020: -

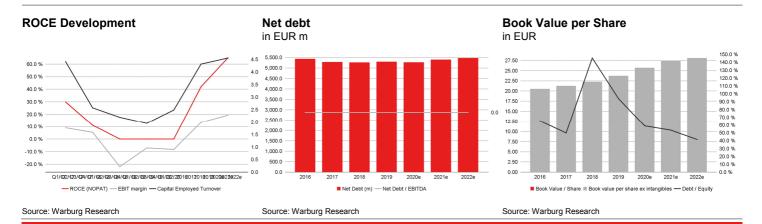
Financial Ratios	Financial Ratios											
	2016	2017	2018	2019	2020e	2021e	2022e					
Total Operating Costs / Sales	89.4 %	95.0 %	116.1 %	105.6 %	106.0 %	85.5 %	79.8 %					
Operating Leverage	1.5 x	10.9 x	n.a.	-48.6 x	3.0 x	n.a.	3.4 x					
EBITDA / Interest expenses	37.2 x	14.9 x	n.m.	n.m.	n.m.	38.8 x	66.2 x					
Tax rate (EBT)	33.8 %	35.3 %	31.0 %	28.7 %	24.3 %	31.0 %	31.0 %					
Dividend Payout Ratio	81.5 %	30.7 %	n.m.	0.0 %	0.0 %	16.6 %	18.5 %					
Sales per Employee	235,783	203,667	190,962	193,610	211,454	411,385	503,062					





Consolidated balance sheet							
In EUR m	2016	2017	2018	2019	2020e	2021e	20226
Assets							
Goodwill and other intangible assets	0.4	1.5	0.2	0.1	0.1	0.1	0.1
thereof other intangible assets	0.4	1.5	0.2	0.1	0.1	0.1	0.1
thereof Goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Property, plant and equipment	0.7	0.6	0.6	0.5	0.4	0.4	0.3
Financial assets	0.9	1.8	1.8	2.1	2.1	2.1	2.1
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	2.1	4.0	2.6	2.6	2.6	2.6	2.5
Inventories	4.8	7.6	5.8	5.0	5.0	5.6	5.9
Accounts receivable	4.9	3.3	2.3	5.0	3.8	7.3	9.0
Liquid assets	11.7	5.5	11.6	11.3	21.6	24.6	30.2
Other short-term assets	1.2	1.1	2.7	2.8	2.3	0.7	0.7
Current assets	22.5	17.5	22.3	24.1	32.7	38.2	45.8
Total Assets	24.6	21.5	24.9	26.7	35.3	40.8	48.3
Liabilities and shareholders' equity							
Subscribed capital	1.6	6.6	6.6	7.3	8.0	8.0	8.0
Capital reserve	10.3	5.4	5.4	9.7	19.8	19.8	19.8
Retained earnings	0.0	0.0	0.0	0.0	-1.8	2.7	10.3
Other equity components	2.9	2.3	-1.9	-3.3	-3.8	-4.0	-4.0
Shareholders' equity	14.9	14.3	10.1	13.8	22.2	26.6	34.1
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	14.9	14.3	10.1	13.8	22.2	26.6	34.1
Provisions	3.2	1.7	1.0	1.2	1.2	1.2	1.2
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	4.4	3.8	12.8	10.4	10.4	10.4	10.4
thereof short-term financial liabilities	0.8	1.1	0.8	10.4	10.4	10.4	10.4
Accounts payable	1.5	1.4	0.6	0.9	1.1	2.2	2.2
Other liabilities	0.6	0.2	0.4	0.4	0.4	0.4	0.4
Liabilities	9.7	7.2	14.7	12.9	13.1	14.2	14.2
Total liabilities and shareholders' equity	24.6	21.5	24.9	26.7	35.3	40.8	48.3

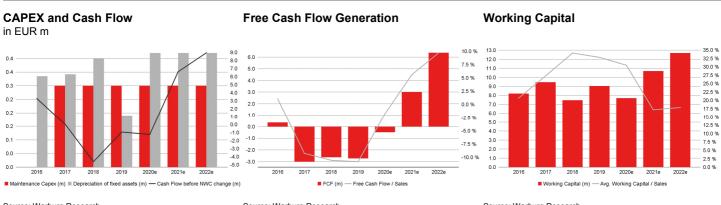
Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Efficiency of Capital Employment							
Operating Assets Turnover	3.8 x	3.2 x	3.1 x	2.6 x	3.4 x	4.8 x	5.0 x
Capital Employed Turnover	4.4 x	2.6 x	2.2 x	1.9 x	2.5 x	4.3 x	4.6 x
ROA	95.4 %	27.2 %	-151.1 %	-52.7 %	-71.8 %	177.9 %	330.9 %
Return on Capital							
ROCE (NOPAT)	29.8 %	11.2 %	n.a.	n.a.	n.a.	42.0 %	65.0 %
ROE	17.4 %	7.4 %	-31.7 %	-11.6 %	-10.4 %	18.7 %	27.5 %
Adj. ROE	17.4 %	7.4 %	-31.7 %	-11.6 %	-10.4 %	18.7 %	27.5 %
Balance sheet quality							
Net Debt	-7.2	-1.7	1.2	-0.9	-11.2	-14.2	-19.8
Net Financial Debt	-7.2	-1.7	1.2	-0.9	-11.2	-14.2	-19.8
Net Gearing	-48.5 %	-12.1 %	11.9 %	-6.5 %	-50.3 %	-53.4 %	-57.9 %
Net Fin. Debt / EBITDA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Book Value / Share	9.0	2.2	1.5	1.9	2.8	3.3	4.3
Book value per share ex intangibles	8.8	1.9	1.5	1.9	2.8	3.3	4.3





Consolidated cash flow statement							
In EUR m	2016	2017	2018	2019	2020e	2021e	20226
Net income	2.0	1.1	-3.9	-1.4	-1.9	4.6	8.3
Depreciation of fixed assets	0.3	0.3	0.4	0.2	0.4	0.4	0.4
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.2	0.2	1.3	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	0.8	-1.6	-2.4	0.1	0.0	1.4	0.0
Cash Flow before NWC change	3.3	0.0	-4.6	-0.9	-1.2	6.6	9.0
Increase / decrease in inventory	-1.0	-2.9	1.8	8.0	0.0	-0.6	-0.3
Increase / decrease in accounts receivable	-1.5	1.6	1.0	-2.7	1.2	-3.5	-1.7
Increase / decrease in accounts payable	0.0	0.0	-0.8	0.3	0.2	1.1	0.0
Increase / decrease in other working capital positions	0.0	-0.3	0.3	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	-2.5	-1.5	2.3	-1.6	1.3	-3.0	-2.0
Net cash provided by operating activities [1]	0.8	-1.5	-2.3	-2.5	0.1	3.6	7.0
Investments in intangible assets	-0.2	-1.3	-0.2	-0.2	-0.2	-0.2	-0.2
Investments in property, plant and equipment	-0.3	-0.2	-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	0.0	-0.9	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Net cash provided by investing activities [2]	-0.4	-2.4	-0.3	-0.1	-0.6	-0.6	-0.6
Change in financial liabilities	-3.3	-0.6	8.9	-2.3	0.0	0.0	0.0
Dividends paid	-0.7	-1.6	-0.3	0.0	0.0	0.0	-0.8
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	5.9	0.0	0.0	5.1	10.8	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by financing activities [3]	1.9	-2.2	8.6	2.7	10.8	0.0	-0.8
Change in liquid funds [1]+[2]+[3]	2.2	-6.1	6.0	0.1	10.3	3.0	5.6
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	5.5	11.6	11.7	21.6	24.6	30.2

Financial Ratios							
	2016	2017	2018	2019	2020e	2021e	2022e
Cash Flow							
FCF	0.4	-3.0	-2.6	-2.7	-0.5	3.0	6.4
Free Cash Flow / Sales	1.1 %	-9.3 %	-10.6 %	-10.8 %	-1.8 %	5.6 %	9.7 %
Free Cash Flow Potential	n.a.	1.4	-2.3	-1.1	-1.3	5.3	9.1
Free Cash Flow / Net Profit	18.6 %	-279.6 %	67.8 %	196.0 %	26.0 %	66.0 %	76.5 %
Interest Received / Avg. Cash	0.7 %	0.7 %	0.5 %	0.2 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	1.6 %	3.7 %	2.5 %	1.7 %	1.9 %	1.9 %	1.9 %
Management of Funds							
Investment ratio	1.2 %	4.7 %	2.3 %	2.3 %	2.1 %	1.1 %	0.9 %
Maint. Capex / Sales	n.a.	0.9 %	1.2 %	1.2 %	1.1 %	0.6 %	0.5 %
Capex / Dep	78.6 %	300.2 %	34.5 %	148.7 %	93.5 %	93.5 %	93.5 %
Avg. Working Capital / Sales	20.7 %	27.3 %	34.1 %	32.8 %	30.5 %	17.2 %	17.9 %
Trade Debtors / Trade Creditors	336.9 %	228.8 %	375.5 %	541.0 %	345.5 %	331.8 %	409.1 %
Inventory Turnover	3.2 x	1.9 x	2.0 x	2.1 x	2.3 x	4.1 x	4.7 x
Receivables collection period (days)	53	37	33	73	50	50	50
Payables payment period (days)	34	36	19	32	35	35	29
Cash conversion cycle (Days)	131	191	196	211	175	104	99



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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Vectron Systems AG	3, 4, 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 <u>price target</u> 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.
<u>"_"</u>	Rating suspended:	The available information currently does not permit an evaluation of the company.

Rating	Number of stocks	% of Universe
Buy	129	63
Hold	58	28
Sell	11	5
Rating suspended	7	3
Total	205	100

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... 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	33	83
Hold	5	13
Sell	0	0
Rating suspended	2	5
Total	40	100

PRICE AND RATING HISTORY VECTRON SYSTEMS AG AS OF 03.08.2020



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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