(CDAX, Technology, BSL GR)



Buy EUR 25.00	(EUR 27.00)	Value Indicators: DCF: FCF-Value Potential 26e:	25.04	Warburg ESG Risk Score: ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	2.8 4.0 2.8 1.5	Description: B2B digital cameras for appli such as factory, medical, traf retail.	
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2024e
		Market cap:	376.2	Freefloat	38.00 %	Beta:	1.2
Price	EUR 12.24	No. of shares (m):	30.7	Norbert Basler	53.00 %	Price / Book:	2.5 x
Upside	104.2 %	EV:	420.4	Treasury shares	5.00 %	Equity Ratio:	56 %
openae		Freefloat MC:	143.0	Dr. Ley (CEO)	4.00 %	Net Fin. Debt / EBITDA:	1.8 x
		Ø Trad. Vol. (30d):	313.10 th	Invesco	6.00 %	Net Debt / EBITDA:	1.8 x

Cautious guidance in anticipation of weak Q1

Stated Figure	es Q4/2	023:							Comment on Figures:
FY End: 31.12. in EUR m	Q4 23	Q4 23e	Q4 22	уоу	23	23e	22	уоу	 Sales reached the midpoint of the EUR 200-205m target range Revenue decline was driven by increased customer inventories in the
Sales EBT Margin EPS	45.6 -4.1 -9.0 % 0.12	45.6 -4.1 -9. <i>1 %</i> 0.12	67.0 4.0 6.0 % 0.07	-32 % n.a. 71 %	203.1 -20.2 -9.9 % -0.45	203.1 -20.2 -10.0 % -0.46	272.2 28.3 10.4 % 0.71	-25 % n.a. n.a.	 aftermath of the chip shortage and lower underlying demand, especially in the largest region Asia, where sales dropped by 34% EBT includes restructuring one-offs of EUR 12.2m and reached the lower end of the guidance range (EUR -18m to -20m)

Basler has published its 2023 results in line with the preliminary figures. Revenue declined by 25% to EUR 203.1m (guidance EUR 200-205m) due to increased customer inventories in the aftermath of the chip shortage and lower demand in the currently challenging economic environment, especially in Asia, where sales dropped by 34%. Order intake decreased by 33% to EUR 166.9m (book-to-bill 0.8). EBT of EUR -20.2m was at the lower end of the target range (EUR -18m to -20m) due to the low capacity utilisation and EUR 12.2m in restructuring one-offs.

The company also provided guidance for the current year. Basler expects sales between EUR 190-210m and an EBT margin of 0-5%. The cautious outlook should be driven by the low order backlog of EUR 33m at the beginning of the year. Although order intake has gained momentum since the beginning of the year as inventory levels normalise, Basler expects Q1 sales below EUR 45m and thus below the quarterly EBT breakeven point, which we estimate at EUR 50m. As the outlook was below our estimates, we have adjusted our forecast.

Basler expects a recovery and a return to its mid-term growth target of 15% CAGR and 12% EBT margin. In addition, the company aims to exceed EUR 300 in sales by 2027. Even considering the limited visibility of a recovery, we consider Basler's targets conservative. While H1 should be notably below last year's figures, we expect a notable yoy growth in H2 and FY sales at the upper end of the guidance. With a continuation of the recovery in 2025, Basler should already come close to its mid-term target of EUR 300m by 2026 (WRe EUR 292m).

Although we do not expect any positive news-flow in the short term that could trigger a revaluation, we remain optimistic about Basler's mid-term prospects. After a low but positive EBT margin this year, we estimate that the company will return to its EBT margin target of 12% by 2026. While the market should have fully anticipated the weak short-term performance, we believe that the medium-term prospects are not reflected in the current valuation. Against this background, we confirm our Buy recommendation for Basler with a slightly lower target price of EUR 25.50.

Changes in E	stimates:						Comment on Changes:
FY End: 31.12. in EUR m	2024e (old)	+ / -	2025e (old)	+ / -	2026e (old)	+/-	 2024 forecast adjusted in line with the guidance For 2025, we have lowered our estimated gross margin to reflect the more
Sales	215.9	-1.9 %	271.4	-6.4 %	n.a.	n.m.	aggressive pricing strategy of competitors in China
EBT	6.4	-16.5 %	32.7	-25.5 %	n.a.	n.m.	
EPS	0.15	-20.0 %	0.78	-26.9 %	n.a.	n.m.	

30 -	- marked	FY End: 31.12. in EUR m	CAGR (23-26e)	2020	2021	2022	2023	2024e	2025e	2026e
27.5 mar when when a	and the second s	Sales	12.9 %	170.5	214.7	272.2	203.1	211.9	254.1	292.0
25		Change Sales yoy		5.2 %	26.0 %	26.8 %	-25.4 %	4.3 %	19.9 %	14.9 %
22.5 M MM		Gross profit margin		52.0 %	52.4 %	48.4 %	42.2 %	48.8 %	49.5 %	50.2 %
20 - V. V		EBITDA	221.6 %	34.6	44.5	45.8	1.7	24.2	44.5	56.5
17.5 - hug		Margin		20.3 %	20.7 %	16.8 %	0.8 %	11.4 %	17.5 %	19.3 %
15 -		EBIT	-	20.1	28.4	28.9	-21.9	7.0	26.1	36.8
12.5 -	and a some	Margin		11.8 %	13.2 %	10.6 %	-10.8 %	3.3 %	10.3 %	12.6 %
10 -	hun when	EBT		20.4	28.0	28.3	-20.2	5.3	24.4	35.0
7.5 -		Margin		12.0 %	13.0 %	10.4 %	-9.9 %	2.5 %	9.6 %	12.0 %
05/23 07/23 09/23 11/23	01/24 03/24	Net income	-	15.1	20.8	21.4	-13.8	3.8	17.6	25.0
Basler CDAX (norm	alised)	EPS	-	0.50	0.69	0.71	-0.45	0.12	0.57	0.81
Rel. Performance vs CD	ΔΧ·	DPS	-	0.19	0.21	0.14	0.00	0.00	0.25	0.30
		Dividend Yield		1.1 %	0.5 %	0.4 %	n.a.	n.a.	2.0 %	2.5 %
1 month:	8.2 %	FCFPS		0.46	0.32	-0.59	-0.31	0.53	0.55	0.57
6 months:	7.5 %	FCF / Market cap		2.6 %	0.8 %	-1.8 %	-1.6 %	4.3 %	4.5 %	4.7 %
Year to date:	-3.1 %	EV / Sales		3.2 x	5.5 x	3.7 x	3.1 x	2.0 x	1.6 x	1.4 x
Trailing 12 months:	-71.2 %	EV / EBITDA		15.6 x	26.5 x	22.3 x	370.5 x	17.4 x	9.1 x	7.0 x
5		EV / EBIT		26.9 x	41.7 x	35.2 x	n.a.	60.0 x	15.6 x	10.8 x
Company events:		P/E		36.1 x	57.2 x	45.6 x	n.a.	102.0 x	21.5 x	15.1 x
28.03.24	FY 2023	FCF Potential Yield		4.6 %	2.5 %	3.1 %	0.5 %	4.1 %	7.7 %	9.9 %
07.05.24	Q1	ROE		13.9 %	17.0 %	15.8 %	-9.8 %	2.7 %	10.9 %	13.3 %
13.05.24	AGM	ROCE (NOPAT)		12.8 %	17.3 %	13.5 %	n.a.	2.6 %	9.5 %	12.3 %
08.08.24	Q2	Guidance: 2	023: Sales El	UR 190-210r	n, EBT margi	in 0-5%				

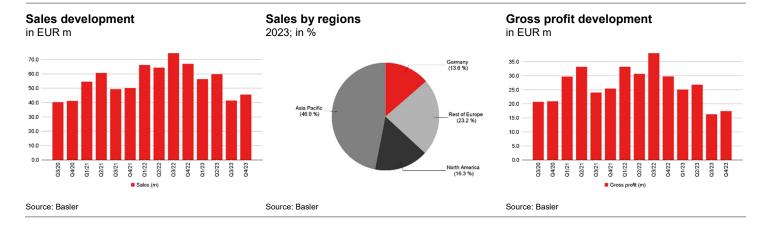
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COMMENT

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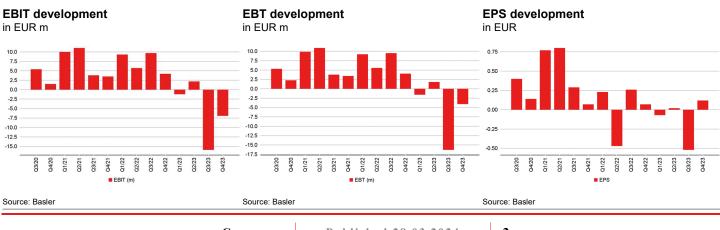


Company Background

- Basler is a full-line supplier of camera solutions for production, medical applications, traffic control or retail.
- Basler focuses on the mainstream and entry-level market segments.
- Customers are mainly OEMs. The customer base is well diversified and no single customer accounts for more than 10% of revenue. Almost 80% of revenues are direct sales.

Competitive Quality

- In terms of units Basler is the world's largest developer and manufacturer of digital cameras in a fragmented, but consolidating, market for digital cameras for B2B-applications.
- High level of vision technology expertise: Basler has one of the largest developer pools in the sector and differentiates itself with camera software competence, which accounts for more than 50% of the value creation.
- State-of-the-art product portfolio: Basler is among the first movers in digital cameras based on GigE Vision and the USB3 Vision standard. It is also an early adopter of new sensor technology.
- High service and consulting quality through direct sales and Basler's network of specialised distributors.
- Basler is present in the most important markets for vision technology in South East Asia, Europe and the US.





DCF model														
	Detaile	d forecas	t period				٦	ransition	nal period					Term. Value
Figures in EUR m	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	2036e	
Sales	211.9	254.1	292.0	335.8	385.4	441.4	504.7	576.0	656.1	746.0	846.7	959.2	1,086.7	
Sales change	4.3 %	19.9 %	14.9 %	15.0 %	14.8 %	14.6 %	14.3 %	14.1 %	13.9 %	13.7 %	13.5 %	13.3 %	13.3 %	2.5 %
EBIT	7.0	26.1	36.8	42.6	48.2	55.2	63.1	72.0	82.0	93.2	108.4	119.9	135.8	
EBIT-margin	3.3 %	10.3 %	12.6 %	12.7 %	12.5 %	12.5 %	12.5 %	12.5 %	12.5 %	12.5 %	12.8 %	12.5 %	12.5 %	
Tax rate (EBT)	28.0 %	28.0 %	28.5 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	
NOPAT	5.0	18.8	26.3	30.7	34.7	39.7	45.4	51.8	59.0	67.1	78.0	86.3	97.8	
Depreciation	17.2	18.4	19.7	26.9	28.9	30.9	32.8	37.4	42.6	48.5	55.0	62.3	70.6	
in % of Sales	8.1 %	7.2 %	6.7 %	8.0 %	7.5 %	7.0 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	
Changes in provisions	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	
Change in Liquidity from														
- Working Capital	-11.0	-0.3	4.9	7.3	7.8	9.5	10.8	12.1	13.6	15.3	17.1	19.1	21.7	
- Capex	15.7	19.5	22.2	23.2	26.2	29.6	32.8	37.4	42.6	48.5	55.0	62.3	70.6	
Capex in % of Sales	7.4 %	7.7 %	7.6 %	6.9 %	6.8 %	6.7 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	
- 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	0.0	
Free Cash Flow (WACC Model)	17.6	18.0	18.9	27.2	29.8	31.8	35.0	40.1	45.8	52.3	61.4	67.7	76.7	96
PV of FCF	16.6	15.7	15.2	20.2	20.3	19.9	20.2	21.3	22.5	23.6	25.5	26.0	27.1	557
share of PVs		5.72 %						27.20	6 %					67.02 %
Model parameter							Valuat	ion (m)						
Derivation of WACC:			Derivation	of Beta:			Presen	t values 20	036e	27	74			
								al Value		55				
Debt ratio	8.00 %		Financial S	•		1.20		al liabilitie		8	39			
Cost of debt (after tax)	2.1 %		Liquidity (s	,		1.20		n liabilities	5		1			
Market return	8.25 %		Cyclicality			1.30	Hybrid	•			0			
Risk free rate	2.75 %		Transpare	ncy		1.00		y interest			0			
			Others			1.10		val. of inv	estments		0	No cf-1		30.7
	0.53.67		.			1.10	Liquidit	,			29	No. of sha	()	
WACC	8.57 %		Beta			1.16	Equity	value		77	U	value per	r share (E	UR) 25.04

Sensitivity Value per Share (EUR)

		Terminal	Growth								Delta EBIT	-margin					
Beta	WACC	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	3.00 %	3.25 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.36	9.6 %	18.87	19.29	19.73	20.20	20.71	21.26	21.85	1.36	9.6 %	17.21	18.21	19.20	20.20	21.20	22.19	23.19
1.26	9.1 %	20.80	21.31	21.84	22.42	23.05	23.73	24.46	1.26	9.1 %	19.15	20.24	21.33	22.42	23.52	24.61	25.70
1.21	8.8 %	21.88	22.44	23.03	23.68	24.37	25.13	25.96	1.21	8.8 %	20.24	21.39	22.53	23.68	24.82	25.97	27.12
1.16	8.6 %	23.05	23.66	24.33	25.04	25.82	26.67	27.60	1.16	8.6 %	21.43	22.63	23.84	25.04	26.25	27.45	28.66
1.11	8.3 %	24.31	24.99	25.73	26.53	27.41	28.36	29.41	1.11	8.3 %	22.73	24.00	25.27	26.53	27.80	29.07	30.34
1.06	8.1 %	25.68	26.44	27.27	28.17	29.15	30.23	31.43	1.06	8.1 %	24.15	25.49	26.83	28.17	29.50	30.84	32.18
0.96	7.6 %	28.80	29.76	30.80	31.95	33.21	34.62	36.19	0.96	7.6 %	27.45	28.95	30.45	31.95	33.45	34.94	36.44

• Financial liabilities are also related to the lease of the company building.

• The beta takes into consideration Basler's strong track record, the high equity ratio and the cyclicality

• The structural growth of the vision technology market forms the basis of Basler's revenue increases.

- Cash inflow from treasury share sales are accounted for in the "others" line



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	2020	2021	2022	2023	2024e	2025e	2026e
Net Income before minorities	15.1	20.8	21.4	-13.8	3.8	17.6	25.0
+ Depreciation + Amortisation	14.5	16.2	16.8	23.6	17.2	18.4	19.7
- Net Interest Income	0.4	-0.4	-0.6	1.7	-1.7	-1.7	-1.8
- Maintenance Capex	4.4	7.5	7.5	5.1	5.5	6.3	7.2
+ Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Free Cash Flow Potential	24.9	29.8	31.3	3.0	17.2	31.4	39.3
FCF Potential Yield (on market EV)	4.6 %	2.5 %	3.1 %	0.5 %	4.1 %	7.7 %	9.9 %
WACC	8.57 %	8.57 %	8.57 %	8.57 %	8.57 %	8.57 %	8.57 %
= Enterprise Value (EV)	540.1	1,181.7	1,019.3	629.1	420.4	405.6	397.6
= Fair Enterprise Value	290.7	347.9	365.0	35.0	200.8	366.3	459.0
- Net Debt (Cash)	57.2	57.2	57.2	57.2	42.8	28.0	20.1
- Pension Liabilities	1.3	1.3	1.3	1.3	1.3	1.3	1.3
- Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
 Market value of minorities 	0.0	0.0	0.0	0.0	0.0	0.0	0.0
+ Market value of investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Fair Market Capitalisation	232.2	289.4	306.5	n.a.	156.6	336.9	437.6
Number of shares, average	30.0	29.9	29.9	30.3	30.7	30.7	30.7
= Fair value per share (EUR)	7.73	9.68	10.26	n.a.	5.10	10.96	14.24
premium (-) / discount (+) in %					-58.4 %	-10.4 %	16.3 %
Sensitivity Fair value per Share (EUR)							
11.57 %	5.10	6.48	6.89	n.a.	3.40	7.87	10.36
10.57 %	5.76	7.27	7.72	n.a.	3.86	8.71	11.41
9.57 %	6.56	8.23	8.73	n.a.	4.41	9.72	12.68
WACC 8.57 %	7.73	9.68	10.26	n.a.	5.10	10.96	14.24
7.57 %	8.80	10.91	11.54	n.a.	5.96	12.54	16.21
6.57 %	10.43	12.86	13.59	n.a.	7.08	14.59	18.78
5.57 %	12.65	15.52	16.37	n.a.	8.61	17.38	22.28

- Assumptions on the beta and the wacc are consistent with indicators used in our DCF model

• The capex requirements for machinery and plant are low.



Valuation							
	2020	2021	2022	2023	2024e	2025e	2026e
Price / Book	4.7 x	9.2 x	6.8 x	4.1 x	2.5 x	2.2 x	1.9 x
Book value per share ex intangibles	1.62	2.09	1.57	1.60	1.51	1.81	2.06
EV / Sales	3.2 x	5.5 x	3.7 x	3.1 x	2.0 x	1.6 x	1.4 x
EV / EBITDA	15.6 x	26.5 x	22.3 x	370.5 x	17.4 x	9.1 x	7.0 x
EV / EBIT	26.9 x	41.7 x	35.2 x	n.a.	60.0 x	15.6 x	10.8 x
EV / EBIT adj.*	26.9 x	41.7 x	35.2 x	n.a.	60.0 x	15.6 x	10.8 x
P/FCF	39.2 x	122.9 x	n.a.	n.a.	23.0 x	22.4 x	21.3 x
P/E	36.1 x	57.2 x	45.6 x	n.a.	102.0 x	21.5 x	15.1 x
P / E adj.*	36.8 x	57.2 x	45.6 x	n.a.	102.0 x	21.5 x	15.1 x
Dividend Yield	1.1 %	0.5 %	0.4 %	n.a.	n.a.	2.0 %	2.5 %
FCF Potential Yield (on market EV)	4.6 %	2.5 %	3.1 %	0.5 %	4.1 %	7.7 %	9.9 %
*Adjustments made for: -							



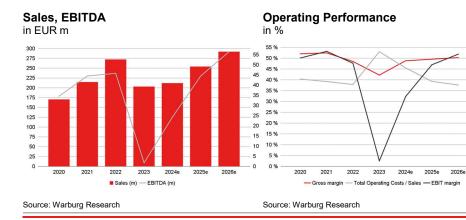
Consolidated profit and loss

In EUR m	2020	2021	2022	2023	2024e	2025e	2026e
Sales	170.5	214.7	272.2	203.1	211.9	254.1	292.0
Change Sales yoy	5.2 %	26.0 %	26.8 %	-25.4 %	4.3 %	19.9 %	14.9 %
COGS	81.7	102.2	140.4	117.4	108.5	128.3	145.4
Gross profit	88.7	112.5	131.8	85.7	103.4	125.8	146.6
Gross margin	52.0 %	52.4 %	48.4 %	42.2 %	48.8 %	49.5 %	50.2 %
Research and development	21.7	29.9	31.4	37.2	35.9	37.4	42.1
Sales and marketing	30.6	34.9	47.9	42.9	36.8	38.1	41.9
Administration expenses	17.4	20.4	26.7	29.9	24.6	24.9	26.4
Other operating expenses	0.2	0.3	0.5	0.4	0.5	0.6	0.7
Other operating income	1.1	1.3	3.6	2.7	1.4	1.3	1.3
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	34.6	44.5	45.8	1.7	24.2	44.5	56.5
Margin	20.3 %	20.7 %	16.8 %	0.8 %	11.4 %	17.5 %	19.3 %
Depreciation of fixed assets	6.3	6.3	5.5	7.3	7.2	7.8	8.5
EBITA	28.3	38.2	40.2	-5.6	17.0	36.7	48.0
Amortisation of intangible assets	8.2	9.8	11.3	16.3	10.0	10.6	11.2
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	20.1	28.4	28.9	-21.9	7.0	26.1	36.8
Margin	11.8 %	13.2 %	10.6 %	-10.8 %	3.3 %	10.3 %	12.6 %
EBIT adj.	20.1	28.4	28.9	-9.7	7.0	26.1	36.8
Interest income	1.1	0.2	0.3	3.3	0.2	0.2	0.2
Interest expenses	0.8	0.6	1.0	1.8	1.9	1.9	2.0
Other financial income (loss)	0.0	0.0	0.2	0.2	0.0	0.0	0.0
EBT	20.4	28.0	28.3	-20.2	5.3	24.4	35.0
Margin	12.0 %	13.0 %	10.4 %	-9.9 %	2.5 %	9.6 %	12.0 %
Total taxes	5.3	7.2	7.0	-6.4	1.5	6.8	10.0
Net income from continuing operations	15.1	20.8	21.4	-13.8	3.8	17.6	25.0
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	15.1	20.8	21.4	-13.8	3.8	17.6	25.0
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	15.1	20.8	21.4	-13.8	3.8	17.6	25.0
Margin	8.9 %	9.7 %	7.8 %	-6.8 %	1.8 %	6.9 %	8.6 %
Number of shares, average	30.0	29.9	29.9	30.3	30.7	30.7	30.7
EPS	0.50	0.69	0.71	-0.45	0.12	0.57	0.81
EPS adj.	0.49	0.69	0.71	-0.45	0.12	0.57	0.81
*Adjustments made for:							

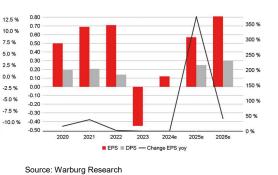
Guidance: 2023: Sales EUR 190-210m, EBT margin 0-5%

Financial Ratios

	2020	2021	2022	2023	2024e	2025e	2026e
Total Operating Costs / Sales	40.3 %	39.2 %	37.8 %	53.0 %	45.5 %	39.2 %	37.6 %
Operating Leverage	3.4 x	1.6 x	0.1 x	n.a.	n.a.	13.7 x	2.7 x
EBITDA / Interest expenses	45.0 x	75.4 x	43.8 x	0.9 x	12.7 x	23.4 x	28.2 x
Tax rate (EBT)	26.0 %	25.8 %	24.6 %	31.6 %	28.0 %	28.0 %	28.5 %
Dividend Payout Ratio	38.4 %	29.8 %	19.6 %	0.0 %	0.0 %	43.8 %	36.9 %
Sales per Employee	210,964	248,528	242,173	182,155	188,859	219,430	252,125



Performance per Share



COMMENT Published 28.03.2024

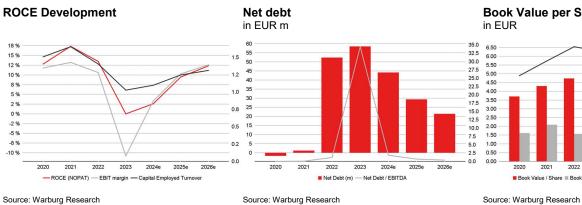
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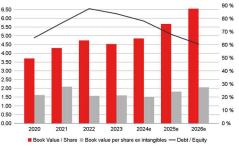
In EUR m	2020	2021	2022	2023	2024e	2025e	2026e
Assets							
Goodwill and other intangible assets	64.8	66.0	94.5	90.1	102.6	118.8	138.0
thereof other intangible assets	3.7	6.5	13.8	13.7	24.3	37.0	51.3
thereof Goodwill	27.5	27.5	46.1	45.8	45.8	45.8	45.8
Property, plant and equipment	29.3	28.7	29.4	36.9	30.9	25.7	20.4
Financial assets	2.2	0.0	1.4	1.8	1.8	1.8	1.8
Other long-term assets	0.0	0.0	3.8	5.5	5.5	5.5	5.5
Fixed assets	96.3	94.7	129.1	134.3	140.8	151.8	165.7
Inventories	20.0	37.1	50.3	44.0	34.2	33.0	38.4
Accounts receivable	19.5	33.3	41.2	27.4	26.1	29.2	32.0
Liquid assets	47.9	54.8	28.7	32.2	46.6	61.3	69.3
Other short-term assets	6.5	7.3	16.2	17.8	17.8	17.8	17.8
Current assets	93.8	132.5	136.4	121.5	124.6	141.3	157.5
Total Assets	190.1	227.3	265.5	255.8	265.4	293.1	323.2
Liabilities and shareholders' equity							
Subscribed capital	10.0	10.0	29.8	30.7	30.7	30.7	30.7
Capital reserve	22.6	26.8	7.2	10.7	10.7	10.7	10.7
Retained earnings	87.1	94.2	107.2	102.5	106.3	123.8	148.8
Other equity components	-4.8	-2.4	-2.8	-4.7	1.3	9.2	11.0
Shareholders' equity	114.9	128.7	141.5	139.2	149.0	174.4	201.3
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	114.9	128.7	141.5	139.2	149.0	174.4	201.3
Provisions	9.4	16.0	14.6	9.3	9.3	9.3	9.3
thereof provisions for pensions and similar obligations	1.1	1.6	2.0	1.3	1.3	1.3	1.3
Financial liabilities (total)	45.1	54.4	79.1	89.4	89.4	89.4	89.4
Short-term financial liabilities	4.1	4.1	4.0	9.7	9.7	9.7	9.7
Accounts payable	11.1	18.8	19.4	14.7	14.5	16.7	20.0
Other liabilities	9.7	9.4	10.9	3.2	3.2	3.2	3.2
Liabilities	75.2	98.6	124.0	116.6	116.4	118.6	121.9
Total liabilities and shareholders' equity	190.1	227.3	265.5	255.8	265.4	293.1	323.2

Financial Ratios

	2020	2021	2022	2023	2024e	2025e	2026e
Efficiency of Capital Employment							
Operating Assets Turnover	3.0 x	2.7 x	2.7 x	2.2 x	2.8 x	3.6 x	4.1 x
Capital Employed Turnover	1.5 x	1.7 x	1.4 x	1.0 x	1.1 x	1.2 x	1.3 x
ROA	15.7 %	21.9 %	16.5 %	-10.3 %	2.7 %	11.6 %	15.1 %
Return on Capital							
ROCE (NOPAT)	12.8 %	17.3 %	13.5 %	n.a.	2.6 %	9.5 %	12.3 %
ROE	13.9 %	17.0 %	15.8 %	-9.8 %	2.7 %	10.9 %	13.3 %
Adj. ROE	13.4 %	17.0 %	15.8 %	-9.8 %	2.7 %	10.9 %	13.3 %
Balance sheet quality							
Net Debt	-1.7	1.2	52.4	58.5	44.2	29.4	21.4
Net Financial Debt	-2.8	-0.4	50.4	57.2	42.8	28.0	20.1
Net Gearing	-1.5 %	0.9 %	37.0 %	42.0 %	29.6 %	16.8 %	10.6 %
Net Fin. Debt / EBITDA	n.a.	n.a.	110.2 %	3366.5 %	176.9 %	63.0 %	35.6 %
Book Value / Share	3.7	4.3	4.7	4.5	4.8	5.7	6.5
Book value per share ex intangibles	1.6	2.1	1.6	1.6	1.5	1.8	2.1



Book Value per Share in EUR



COMMENT

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Consolidated cash flow statement

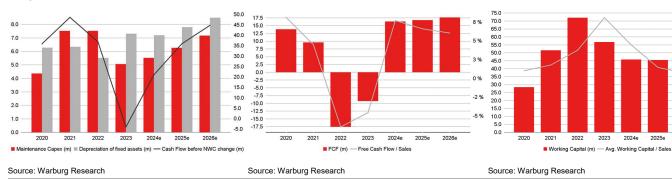


In EUR m	2020	2021	2022	2023	2024e	2025e	2026e
Net income	15.1	20.8	21.4	-13.8	3.8	17.6	25.0
Depreciation of fixed assets	6.3	6.3	5.5	7.3	7.2	7.8	8.5
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	8.2	9.8	11.3	16.3	10.0	10.6	11.2
Increase/decrease in long-term provisions	1.1	6.6	-1.3	-5.3	0.0	0.0	0.0
Other non-cash income and expenses	5.1	5.1	0.0	-8.4	0.0	0.0	0.0
Cash Flow before NWC change	35.9	48.6	36.9	-3.9	21.0	36.0	44.7
Increase / decrease in inventory	0.9	-17.1	-13.2	6.3	9.8	1.2	-5.4
Increase / decrease in accounts receivable	-0.1	-13.8	-7.9	13.8	1.3	-3.1	-2.8
Increase / decrease in accounts payable	0.5	7.8	0.6	-4.5	-0.2	2.2	3.3
Increase / decrease in other working capital positions	0.1	-0.1	-4.0	-7.3	0.0	0.0	0.0
Increase / decrease in working capital (total)	1.5	-23.2	-24.5	8.2	11.0	0.3	-4.9
Net cash provided by operating activities [1]	37.3	25.3	12.4	4.2	32.0	36.3	39.8
Investments in intangible assets	-20.6	-11.8	-20.8	-11.6	-12.5	-14.9	-16.9
Investments in property, plant and equipment	-2.7	-3.9	-8.6	-1.9	-3.2	-4.6	-5.3
Payments for acquisitions	0.0	0.0	-14.5	0.0	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
Income from asset disposals	0.2	0.4	0.3	0.4	0.0	0.0	0.0
Net cash provided by investing activities [2]	-23.3	-15.3	-44.2	-13.4	-15.7	-19.5	-22.2
Change in financial liabilities	2.3	10.4	18.0	0.3	0.0	0.0	0.0
Dividends paid	-2.6	-5.8	-6.2	-4.2	0.0	0.0	-7.7
Purchase of own shares	-0.2	-3.9	-2.7	17.7	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	-0.8	0.1	0.0	0.0	0.0	0.0	0.0
Net cash provided by financing activities [3]	-1.3	-3.1	5.7	12.7	-2.0	-2.0	-9.7
Change in liquid funds [1]+[2]+[3]	12.7	7.0	-26.1	3.5	14.3	14.8	8.0
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	47.9	54.8	28.7	32.2	46.6	61.3	69.3

Financial Ratios

	2020	2021	2022	2023	2024e	2025e	2026e
Cash Flow							
FCF	13.8	9.6	-17.6	-9.3	16.3	16.8	17.6
Free Cash Flow / Sales	8.1 %	4.5 %	-6.5 %	-4.6 %	7.7 %	6.6 %	6.0 %
Free Cash Flow Potential	24.9	29.8	31.3	3.0	17.2	31.4	39.3
Free Cash Flow / Net Profit	91.6 %	46.3 %	-82.3 %	67.2 %	427.6 %	95.6 %	70.6 %
Interest Received / Avg. Cash	2.7 %	0.4 %	0.7 %	10.8 %	0.5 %	0.4 %	0.3 %
Interest Paid / Avg. Debt	1.6 %	1.2 %	1.6 %	2.1 %	2.1 %	2.1 %	2.2 %
Management of Funds							
Investment ratio	13.7 %	7.3 %	10.8 %	6.6 %	7.4 %	7.7 %	7.6 %
Maint. Capex / Sales	2.6 %	3.5 %	2.8 %	2.5 %	2.6 %	2.5 %	2.5 %
Capex / Dep	160.6 %	97.2 %	174.8 %	57.2 %	91.2 %	105.8 %	112.5 %
Avg. Working Capital / Sales	17.1 %	18.6 %	22.7 %	31.7 %	24.2 %	18.0 %	16.4 %
Trade Debtors / Trade Creditors	175.9 %	176.9 %	212.1 %	186.9 %	180.0 %	174.9 %	160.0 %
Inventory Turnover	4.1 x	2.8 x	2.8 x	2.7 x	3.2 x	3.9 x	3.8 x
Receivables collection period (days)	42	57	55	49	45	42	40
Payables payment period (days)	49	67	50	46	49	48	50
Cash conversion cycle (Days)	82	122	136	141	111	88	86

CAPEX and Cash Flow in EUR m



Free Cash Flow Generation



Working Capital

32.5 %

30.0 % 27.5 %

25.0 % 22.5 % 20.0 % 17.5 %

15.0 %

15.0 % 12.5 % 10.0 % 7.5 % 5.0 % 2.5 %

0.0 %

2026e



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-B-	Buy: The price of the analysed financial instrument is expected to rise over the next 12 m			
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"_"	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	148	70
Hold	47	22
Sell	8	4
Rating suspended	7	3
Total	210	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	49	83
Hold	7	12
Sell	0	0
Rating suspended	3	5
Total	59	100

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