(SDAX, Technology, BSL GR)



Buy EUR <b>42.50</b>	
Price	EUR 27.50
Upside	54.5 %

Value Indicators:	EUR	Warburg ESG Risk Score:	2.7	Description:	
DCF:	43.19	ESG Score (MSCI based):	3.0	B2B digital cameras for app	lications
FCF-Value Potential 24e:	21.08	Balance Sheet Score:	4.0	such as factory, medical, tra	affic or
Peer group:	0.00	Market Liquidity Score:	1.0	retail.	
Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2022e
Market cap:	821.3	Freefloat	38.00 %	Beta:	1.1
No. of shares (m):	29.9	Norbert Basler	53.00 %	Price / Book:	5.6 x
EV:	832.5	Treasury shares	5.00 %	Equity Ratio:	64 %
Freefloat MC:	312.1	Dr. Ley (CEO)	4.00 %	Net Fin. Debt / EBITDA:	0.2 x
Ø Trad. Vol. (30d):	221.87 th	Invesco	6.00 %	Net Debt / EBITDA:	0.2 x

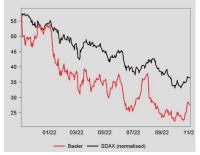
## Guidance increased with strong Q3 preliminary figures

Basler - Q3	2022p										
in EUR m	Q3/22p	Q3/22e	Q3/21	yoy	9M/22p	9M/22e	9M/21	yoy	2022e	2021	yoy
Sales	74.4	68.3	49.3	50.9%	205.2	199.1	164.6	24.7%	270.5	214.7	26.0%
EBT margin	<b>9.5</b> 12.7%	10.1 14.8%	3.8 7.6%	151.5%	<b>24.3</b> 11.8%	24.9 12.5%	24.5 14.9%	-1.1%	33.6 12.4%	28.0 13.0%	20.2%

Basler has published preliminary figures for the third quarter and raised the full-year targets. Sales increased by 50.9% to EUR 74.4m and exceeded our already high estimate of EUR 68.3m. This was a result of an improved supply situation, although the demand continued to normalize after the extraordinarily high order intake last year, driven by the chip shortage which drove the semiconductor business and also led to earlier ordering due to the increased lead times. Preliminary figures for order intake were not released. The EBT of EUR 9.5m was slightly below our estimate of EUR 10.1m. The EBT margin of 12.7% increased, as expected, compared to the last quarter (Q2 22 EBT margin 8.6%). This should have been driven by positive scale effects from the higher top line (+15.5% qoq) as well as the price increases at the beginning of the year after most of the backlog ordered at the former prices were shipped in H1, and lower negative one-offs from the acquisitions.

After nine months, sales increased by 25% yoy to EUR 205.2m and the EBT margin of 11.8% came close to the upper end of the former target range of 9-12%, despite the aforementioned negative effects in H1. Against this background, Basler increased its sales outlook for the full year from EUR 235-265m to EUR 262-270m. The target range for the EBT margin was narrowed slightly from 9-12% to 10-12%.

We had anticipated a guidance increase and already estimated sales of EUR 270.5m and an EBT margin of 12.4%. With the strong Q3 performance, we estimate sales of EUR 65.3m and an EBT margin of 14.3% for the last quarter. We still expect that Basler will be able to reach the upper end of the revised guidance and thus maintain our forecast for the company. We confirm both our Buy recommendation and our target price of EUR 42.50.

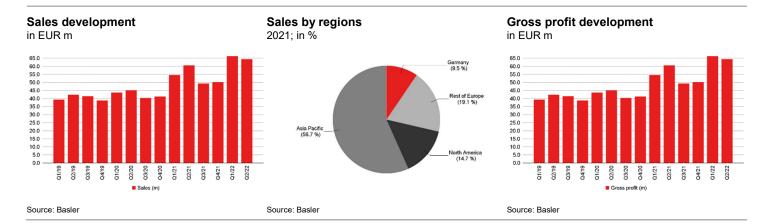


Rel. Performance vs SDAX:	
1 month:	10.5 %
6 months:	-2.8 %
Year to date:	-15.3 %
Trailing 12 months:	-14.4 %

Company events:	
08.11.22	Q3

FY End: 31.12. in EUR m	CAGR (21-24e)	2018	2019	2020	2021	2022e	2023e	2024e
Sales	19.5 %	150.0	162.0	170.5	214.7	270.5	313.4	366.2
Change Sales yoy		-0.1 %	8.0 %	5.2 %	26.0 %	26.0 %	15.9 %	16.8 %
Gross profit margin		53.3 %	50.9 %	52.0 %	52.4 %	50.8 %	51.5 %	51.3 %
EBITDA	19.1 %	36.0	30.0	34.6	44.5	52.8	63.5	75.2
Margin		24.0 %	18.5 %	20.3 %	20.7 %	19.5 %	20.3 %	20.5 %
EBIT	22.3 %	24.8	17.0	20.1	28.4	34.4	43.4	51.9
Margin		16.6 %	10.5 %	11.8 %	13.2 %	12.7 %	13.9 %	14.2 %
EBT		24.5	16.9	20.4	28.0	33.6	42.6	51.1
Margin		16.3 %	10.4 %	12.0 %	13.0 %	12.4 %	13.6 %	13.9 %
Net income	21.0 %	17.0	12.9	15.1	20.8	24.2	30.7	36.8
EPS	-16.1 %	1.76	1.29	1.51	2.08	1.21	1.03	1.23
DPS	-15.9 %	0.53	0.26	0.58	0.62	0.36	0.31	0.37
Dividend Yield		2.8 %	1.7 %	3.2 %	1.6 %	1.3 %	1.1 %	1.3 %
FCFPS		0.93	-0.97	1.38	0.96	0.88	0.71	0.81
FCF / Market cap		4.8 %	-6.2 %	7.7 %	2.4 %	2.1 %	2.6 %	8.7 %
EV / Sales		1.3 x	1.1 x	1.0 x	1.8 x	3.1 x	2.6 x	0.7 x
EV / EBITDA		5.4 x	5.7 x	5.2 x	8.9 x	15.8 x	13.0 x	3.5 x
EV / EBIT		7.8 x	10.1 x	8.9 x	13.9 x	24.2 x	19.0 x	5.1 x
P/E		10.9 x	12.1 x	12.0 x	19.0 x	22.7 x	26.7 x	22.4 x
FCF Potential Yield		13.1 %	12.2 %	13.9 %	7.6 %	4.2 %	5.1 %	18.9 %
ROE		24.1 %	14.4 %	13.9 %	17.0 %	17.6 %	19.6 %	20.5 %
ROCE (NOPAT)		23.8 %	12.7 %	12.8 %	17.3 %	17.2 %	19.2 %	21.4 %
Guidance:	Sales EUR 26	2-270m, EB1	Γ margin 10-1	12%				



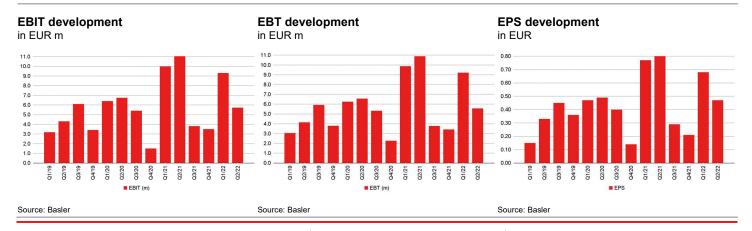


## **Company Background**

- Basler is a provider of digital cameras 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.



# **Basler**



DCF model														
	Detaile	d forecas	t period				7	ransition	al period					Term. Value
Figures in EUR m	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	
Sales	270.5	313.4	366.2	425.4	492.8	569.4	656.1	753.9	864.1	987.9	1,126.6	1,281.7	1,458.0	
Sales change	26.0 %	15.9 %	16.8 %	16.2 %	15.8 %	15.5 %	15.2 %	14.9 %	14.6 %	14.3 %	14.0 %	13.8 %	13.8 %	2.5 %
EBIT	34.4	43.4	51.9	59.6	68.5	78.6	89.9	102.5	116.7	132.4	149.8	169.2	191.0	
EBIT-margin	12.7 %	13.9 %	14.2 %	14.0 %	13.9 %	13.8 %	13.7 %	13.6 %	13.5 %	13.4 %	13.3 %	13.2 %	13.1 %	
Tax rate (EBT)	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	
NOPAT	24.8	31.3	37.3	42.9	49.3	56.6	64.7	73.8	84.0	95.3	107.9	121.8	137.5	
Depreciation	18.4	20.1	23.3	27.7	32.0	37.0	42.6	49.0	56.2	64.2	73.2	83.3	94.8	
in % of Sales	6.8 %	6.4 %	6.4 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	6.5 %	
Changes in provisions	0.3	0.0	0.0	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9	
Change in Liquidity from														
- Working Capital	-2.7	5.5	8.5	9.4	11.5	13.0	14.7	16.6	18.7	21.0	23.6	26.4	30.0	
- Capex	23.1	24.8	28.3	33.2	38.9	44.7	50.0	55.7	61.9	68.7	75.9	83.8	94.8	
Capex in % of Sales	8.5 %	7.9 %	7.7 %	7.8 %	7.9 %	7.9 %	7.6 %	7.4 %	7.2 %	6.9 %	6.7 %	6.5 %	6.5 %	
- Other	23.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	0.1	20.0	22.8	27.2	31.3	36.3	43.1	51.0	60.1	70.5	82.3	95.8	108.5	134
PV of FCF	0.1	18.4	19.4	21.4	22.8	24.5	26.9	29.5	32.1	34.8	37.7	40.6	42.5	943
share of PVs		2.93 %						24.17	7 %					72.90 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2034e	351		
				Terminal Value	943		
Debt ratio	8.00 %	Financial Strength	0.90	Financial liabilities	54		
Cost of debt (after tax)	2.1 %	Liquidity (share)	1.20	Pension liabilities	2		
Market return	8.25 %	Cyclicality	1.30	Hybrid capital	0		
Risk free rate	2.75 %	Transparency	1.00	Minority interest	0		
		Others	0.90	Market val. of investments	0		
				Liquidity	52	No. of shares (m)	29.9
WACC	8.06 %	Beta	1.06	Equity Value	1,290	Value per share (EUR)	43.19

Sens	itivity va	nue per Sn	are (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
1.26	9.1 %	32.32	33.08	33.89	34.77	35.72	36.75	37.86	1.26	9.1 %	30.06	31.63	33.20	34.77	36.34	37.91	39.48
1.16	8.6 %	35.59	36.52	37.52	38.61	39.79	41.07	42.48	1.16	8.6 %	33.42	35.15	36.88	38.61	40.34	42.07	43.79
1.11	8.3 %	37.43	38.46	39.58	40.79	42.11	43.56	45.15	1.11	8.3 %	35.34	37.16	38.97	40.79	42.61	44.43	46.25
1.06	8.1 %	39.43	40.58	41.83	43.19	44.67	46.31	48.11	1.06	8.1 %	37.43	39.35	41.27	43.19	45.10	47.02	48.94
1.01	7.8 %	41.61	42.89	44.29	45.82	47.50	49.35	51.41	1.01	7.8 %	39.74	41.77	43.79	45.82	47.84	49.87	51.89
0.96	7.6 %	43.99	45.42	47.00	48.72	50.63	52.75	55.11	0.96	7.6 %	42.29	44.44	46.58	48.72	50.87	53.01	55.15
0.86	7.1 %	49.46	51.29	53.30	55.54	58.04	60.85	64.02	0.86	7.1 %	48.28	50.70	53.12	55.54	57.97	60.39	62.81

- 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.
- Payment for the acquisitions of DATVISION and IOVIS 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		2018	2019	2020	2021	2022e	2023e	2024e
Net Income before minorities		17.0	12.9	15.1	20.8	24.2	30.7	36.8
+ Depreciation + Amortisation		11.1	12.9	14.5	16.2	18.4	20.1	23.3
- Net Interest Income		-0.3	-0.1	0.4	-0.4	-0.8	-0.8	-0.8
- Maintenance Capex		2.9	5.0	4.4	7.5	8.1	9.4	11.0
+ Other		0.0	0.0	0.0	0.0	0.0	0.0	0.0
= Free Cash Flow Potential		25.6	20.9	24.9	29.8	35.3	42.2	49.9
FCF Potential Yield (on market EV)		13.1 %	12.2 %	13.9 %	7.6 %	4.2 %	5.1 %	18.9 %
WACC		8.06 %	8.06 %	8.06 %	8.06 %	8.06 %	8.06 %	8.06 %
= Enterprise Value (EV)		194.4	171.5	178.9	394.7	832.5	823.6	264.0
= Fair Enterprise Value		317.1	259.5	308.9	369.8	437.7	523.2	618.7
- Net Debt (Cash)		-0.4	-0.4	-0.4	-0.4	9.3	0.5	-12.9
- Pension Liabilities		1.6	1.6	1.6	1.6	1.9	1.9	1.9
- Other		0.0	0.0	0.0	0.0	0.0	0.0	0.0
<ul> <li>Market value of minorities</li> </ul>		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		315.8	258.3	307.7	368.6	426.5	520.9	629.7
Number of shares, average		9.6	9.9	10.0	10.0	19.9	29.9	29.9
= Fair value per share (EUR)		32.76	25.98	30.75	36.96	21.41	17.44	21.08
premium (-) / discount (+) in %						-22.1 %	-36.6 %	-23.3 %
Sensitivity Fair value per Share (E	UR)							
1	1.06 %	7.70	6.29	7.50	8.98	10.31	12.69	15.47
1	0.06 %	8.47	6.92	8.25	9.88	11.37	13.96	16.97
	9.06 %	9.40	7.69	9.16	10.97	12.66	15.51	18.80
	8.06 %	32.76	25.98	30.75	36.96	21.41	17.44	21.08
	7.06 %	12.08	9.88	11.77	14.09	16.36	19.92	24.02
	6.06 %	14.08	11.51	13.72	16.43	19.12	23.22	27.92
	5.06 %	16.87	13.80	16.43	19.68	22.97	27.82	33.36

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

<sup>•</sup> The capex requirements for machinery and plant are low.

# Basler



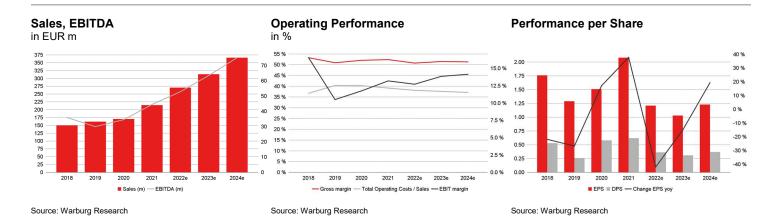
Valuation							
	2018	2019	2020	2021	2022e	2023e	2024e
Price / Book	2.5 x	1.5 x	1.6 x	3.1 x	5.6 x	5.0 x	1.4 x
Book value per share ex intangibles	3.57	4.10	5.00	6.28	1.98	2.41	9.29
EV / Sales	1.3 x	1.1 x	1.0 x	1.8 x	3.1 x	2.6 x	0.7 x
EV / EBITDA	5.4 x	5.7 x	5.2 x	8.9 x	15.8 x	13.0 x	3.5 x
EV / EBIT	7.8 x	10.1 x	8.9 x	13.9 x	24.2 x	19.0 x	5.1 x
EV / EBIT adj.*	7.8 x	10.1 x	8.9 x	13.9 x	24.2 x	19.0 x	5.1 x
P/FCF	20.6 x	n.a.	13.1 x	41.0 x	31.4 x	38.7 x	34.2 x
P/E	10.9 x	12.1 x	12.0 x	19.0 x	22.7 x	26.7 x	22.4 x
P / E adj.*	10.9 x	12.1 x	12.4 x	19.0 x	22.7 x	26.7 x	22.4 x
Dividend Yield	2.8 %	1.7 %	3.2 %	1.6 %	1.3 %	1.1 %	1.3 %
FCF Potential Yield (on market EV)	13.1 %	12.2 %	13.9 %	7.6 %	4.2 %	5.1 %	18.9 %
*Adjustments made for: -							



Consolidated profit and loss							
In EUR m	2018	2019	2020	2021	2022e	2023e	2024
Sales	150.0	162.0	170.5	214.7	270.5	313.4	366.2
Change Sales yoy	-0.1 %	8.0 %	5.2 %	26.0 %	26.0 %	15.9 %	16.8 %
COGS	70.1	79.5	81.7	102.2	133.1	152.0	178.3
Gross profit	79.9	82.4	88.7	112.5	137.4	161.4	187.9
Gross margin	53.3 %	50.9 %	52.0 %	52.4 %	50.8 %	51.5 %	51.3 %
Research and development	18.8	17.9	21.7	29.9	32.9	41.6	47.7
Sales and marketing	23.0	31.5	30.6	34.9	47.7	50.8	59.0
Administration expenses	12.7	15.8	17.4	20.4	23.1	25.4	29.2
Other operating expenses	1.4	1.0	0.2	0.3	1.2	1.2	1.2
Other operating income	0.8	0.8	1.1	1.3	1.9	1.0	1.1
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	36.0	30.0	34.6	44.5	52.8	63.5	75.2
Margin	24.0 %	18.5 %	20.3 %	20.7 %	19.5 %	20.3 %	20.5 %
Depreciation of fixed assets	3.2	5.0	6.3	6.3	6.4	6.5	7.2
EBITA	32.8	25.0	28.3	38.2	46.4	57.0	68.0
Amortisation of intangible assets	7.9	8.0	8.2	9.8	12.0	13.6	16.1
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	24.8	17.0	20.1	28.4	34.4	43.4	51.9
Margin	16.6 %	10.5 %	11.8 %	13.2 %	12.7 %	13.9 %	14.2 %
EBIT adj.	24.8	17.0	20.1	28.4	34.4	43.4	51.9
Interest income	0.2	1.0	1.1	0.2	0.2	0.2	0.2
Interest expenses	0.5	1.1	8.0	0.6	1.0	1.0	1.0
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	24.5	16.9	20.4	28.0	33.6	42.6	51.1
Margin	16.3 %	10.4 %	12.0 %	13.0 %	12.4 %	13.6 %	13.9 %
Total taxes	7.5	4.0	5.3	7.2	9.4	11.9	14.3
Net income from continuing operations	17.0	12.9	15.1	20.8	24.2	30.7	36.8
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	17.0	12.9	15.1	20.8	24.2	30.7	36.8
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	17.0	12.9	15.1	20.8	24.2	30.7	36.8
Margin	11.3 %	7.9 %	8.9 %	9.7 %	8.9 %	9.8 %	10.0 %
Number of shares, average	9.6	9.9	10.0	10.0	19.9	29.9	29.9
EPS	1.76	1.29	1.51	2.08	1.21	1.03	1.23
EPS adj.	1.76	1.29	1.46	2.08	1.21	1.03	1.23
*Adjustments made for:							

Guidance: Sales EUR 262-270m, EBT margin 10-12%

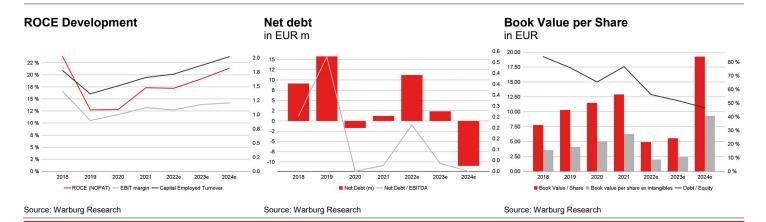
Financial Ratios							
	2018	2019	2020	2021	2022e	2023e	2024e
Total Operating Costs / Sales	36.7 %	40.4 %	40.3 %	39.2 %	38.1 %	37.6 %	37.1 %
Operating Leverage	140.8 x	-3.9 x	3.4 x	1.6 x	0.8 x	1.6 x	1.2 x
EBITDA / Interest expenses	78.2 x	28.3 x	45.0 x	75.4 x	52.8 x	63.5 x	75.2 x
Tax rate (EBT)	30.6 %	23.9 %	26.0 %	25.8 %	28.0 %	28.0 %	28.0 %
Dividend Payout Ratio	30.0 %	20.1 %	38.4 %	29.8 %	29.9 %	30.1 %	30.0 %
Sales per Employee	249,589	200,944	210,964	248,528	281,802	326,483	381,458





Consolidated balance sheet							
In EUR m	2018	2019	2020	2021	2022e	2023e	2024
Assets							
Goodwill and other intangible assets	40.8	62.0	64.8	66.0	88.0	93.9	99.5
thereof other intangible assets	6.5	3.0	3.7	6.5	8.6	10.8	13.2
thereof Goodwill	12.7	27.5	27.5	27.5	42.9	42.9	42.9
Property, plant and equipment	22.5	30.6	29.3	28.7	31.9	30.7	30.1
Financial assets	1.7	4.6	2.2	0.0	0.0	0.0	0.0
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	65.1	97.2	96.3	94.7	119.9	124.6	129.6
Inventories	21.0	20.9	20.0	37.1	35.6	40.7	46.9
Accounts receivable	18.2	19.4	19.5	33.3	31.1	34.3	40.1
Liquid assets	31.8	35.2	47.9	54.8	35.8	44.7	58.0
Other short-term assets	2.8	8.5	6.5	7.3	7.3	7.3	7.3
Current assets	73.9	84.0	93.8	132.5	109.8	126.9	152.3
Total Assets	139.0	181.2	190.1	227.3	229.7	251.6	281.9
Liabilities and shareholders' equity							
Subscribed capital	3.2	10.0	10.0	10.0	31.5	31.5	31.5
Capital reserve	5.3	22.4	22.6	26.8	26.8	26.8	26.8
Retained earnings	66.5	74.8	87.1	94.2	118.4	149.1	185.9
Other equity components	0.5	-4.2	-4.8	-2.4	-29.8	<b>-4</b> 1.6	-51.8
Shareholders' equity	75.5	103.0	114.9	128.7	147.0	165.8	192.4
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	75.5	103.0	114.9	128.7	147.0	165.8	192.4
Provisions	8.3	8.2	9.4	16.0	10.4	10.6	10.9
thereof provisions for pensions and similar obligations	1.2	0.9	1.1	1.6	1.9	1.9	1.9
Financial liabilities (total)	39.8	50.0	45.1	54.4	45.1	45.1	45.1
Short-term financial liabilities	1.8	5.3	4.1	4.1	4.1	4.1	4.1
Accounts payable	7.4	10.6	11.1	18.8	17.8	20.6	24.1
Other liabilities	7.9	9.4	9.7	9.4	9.4	9.4	9.4
Liabilities	63.4	78.2	75.2	98.6	82.7	85.8	89.5
Total liabilities and shareholders' equity	139.0	181.2	190.1	227.3	229.7	251.6	281.9

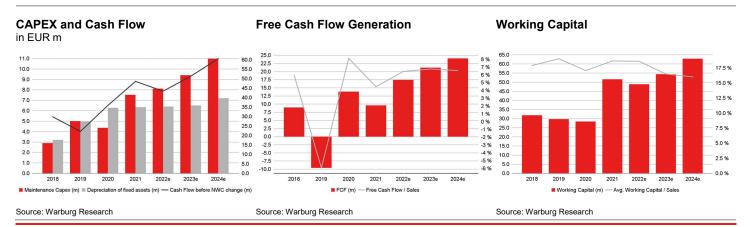
Financial Ratios							
	2018	2019	2020	2021	2022e	2023e	2024e
Efficiency of Capital Employment							
Operating Assets Turnover	2.8 x	2.7 x	3.0 x	2.7 x	3.3 x	3.7 x	3.9 x
Capital Employed Turnover	1.8 x	1.4 x	1.5 x	1.7 x	1.7 x	1.9 x	2.0 x
ROA	26.1 %	13.2 %	15.7 %	21.9 %	20.2 %	24.6 %	28.4 %
Return on Capital							
ROCE (NOPAT)	23.8 %	12.7 %	12.8 %	17.3 %	17.2 %	19.2 %	21.4 %
ROE	24.1 %	14.4 %	13.9 %	17.0 %	17.6 %	19.6 %	20.5 %
Adj. ROE	24.1 %	14.4 %	13.4 %	17.0 %	17.6 %	19.6 %	20.5 %
Balance sheet quality							
Net Debt	9.1	15.7	-1.7	1.2	11.2	2.4	-11.0
Net Financial Debt	8.0	14.9	<b>-</b> 2.8	-0.4	9.3	0.5	-12.9
Net Gearing	12.1 %	15.3 %	-1.5 %	0.9 %	7.6 %	1.4 %	-5.7 %
Net Fin. Debt / EBITDA	22.2 %	49.6 %	n.a.	n.a.	17.6 %	0.7 %	n.a.
Book Value / Share	7.8	10.3	11.5	12.9	4.9	5.6	19.2
Book value per share ex intangibles	3.6	4.1	5.0	6.3	2.0	2.4	9.3





Consolidated cash flow statement							
In EUR m	2018	2019	2020	2021	2022e	2023e	2024
Net income	17.0	12.9	15.1	20.8	24.2	30.7	36.8
Depreciation of fixed assets	3.2	5.0	6.3	6.3	6.4	6.5	7.2
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	7.9	8.0	8.2	9.8	12.0	13.6	16.1
Increase/decrease in long-term provisions	0.0	-0.1	1.1	6.6	0.3	0.0	0.0
Other non-cash income and expenses	1.7	-3.7	5.1	5.1	0.5	0.5	0.5
Cash Flow before NWC change	29.9	22.1	35.9	48.6	43.4	51.3	60.6
Increase / decrease in inventory	2.2	0.1	0.9	-17.1	1.5	-5.1	-6.2
Increase / decrease in accounts receivable	-6.4	-1.1	-0.1	-13.8	2.2	-3.2	-5.8
Increase / decrease in accounts payable	-4.5	3.2	0.5	7.8	-1.0	2.8	3.5
Increase / decrease in other working capital positions	5.8	0.5	0.1	-0.1	-5.6	0.2	0.3
Increase / decrease in working capital (total)	-2.9	2.7	1.5	-23.2	-2.9	-5.3	-8.2
Net cash provided by operating activities [1]	27.0	24.7	37.3	25.3	40.5	46.0	52.3
Investments in intangible assets	-13.6	-29.3	-20.6	-11.8	-18.5	-19.5	-21.7
Investments in property, plant and equipment	-4.5	-5.1	-2.7	-3.9	-4.6	-5.3	-6.6
Payments for acquisitions	-7.7	0.0	0.0	0.0	-20.5	-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	0.1	0.2	0.4	0.1	0.1	0.1
Net cash provided by investing activities [2]	-25.7	-34.2	-23.3	-15.3	-43.5	-25.7	-29.2
Change in financial liabilities	4.8	-1.8	2.3	10.4	-9.3	0.0	0.0
Dividends paid	-6.5	-5.1	-2.6	-5.8	-6.2	-10.8	-9.2
Purchase of own shares	-3.3	20.8	-0.2	-3.9	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	-0.5	-1.0	-0.8	0.1	-0.6	-0.6	-0.6
Net cash provided by financing activities [3]	-5.5	13.0	-1.3	-3.1	-16.1	-11.4	-9.8
Change in liquid funds [1]+[2]+[3]	-4.2	3.5	12.7	7.0	-19.0	8.9	13.3
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	31.8	35.3	47.9	54.8	35.8	44.7	58.0

Financial Ratios							
	2018	2019	2020	2021	2022e	2023e	2024e
Cash Flow							
FCF	9.0	-9.6	13.8	9.6	17.4	21.2	24.0
Free Cash Flow / Sales	6.0 %	-5.9 %	8.1 %	4.5 %	6.4 %	6.8 %	6.6 %
Free Cash Flow Potential	25.6	20.9	24.9	29.8	35.3	42.2	49.9
Free Cash Flow / Net Profit	52.7 %	-74.6 %	91.6 %	46.3 %	72.1 %	69.1 %	65.4 %
Interest Received / Avg. Cash	0.5 %	2.9 %	2.7 %	0.4 %	0.4 %	0.5 %	0.4 %
Interest Paid / Avg. Debt	1.3 %	2.4 %	1.6 %	1.2 %	2.0 %	2.2 %	2.2 %
Management of Funds							
Investment ratio	12.0 %	21.2 %	13.7 %	7.3 %	8.5 %	7.9 %	7.7 %
Maint. Capex / Sales	1.9 %	3.1 %	2.6 %	3.5 %	3.0 %	3.0 %	3.0 %
Capex / Dep	161.8 %	265.4 %	160.6 %	97.2 %	125.5 %	123.5 %	121.4 %
Avg. Working Capital / Sales	17.9 %	19.0 %	17.1 %	18.6 %	18.6 %	16.5 %	16.0 %
Trade Debtors / Trade Creditors	246.9 %	183.1 %	175.9 %	176.9 %	174.7 %	166.5 %	166.4 %
Inventory Turnover	3.3 x	3.8 x	4.1 x	2.8 x	3.7 x	3.7 x	3.8 x
Receivables collection period (days)	44	44	42	57	42	40	40
Payables payment period (days)	39	49	49	67	49	49	49
Cash conversion cycle (Days)	115	91	82	122	91	88	87





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Basler	3, 4, 5	http://www.mmwarburg.com/disclaimer/disclaimer en/DE0005102008.htm



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Rating	Number of stocks	% of Universe
Buy	163	75
Hold	45	21
Sell	4	2
Rating suspended	4	2
Total	216	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	45	80
Hold	8	14
Sell	1	2
Rating suspended	2	4
Total	56	100

### PRICE AND RATING HISTORY BASLER AS OF 01.11.2022



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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