(CDAX, Software/IT, GKS GR)



| Buy | | Value Indicators: DCF: | | Warburg ESG Risk Score: ESG Score (MSCI based): Balance Shew Score: | 3.0 3.5 | Description: Leading software company for stationary retailers | |
|-------------------|------------|---------------------------|-----------|---|------------|---|-------|
| EUR 205.00 | | Market Snapshot: | EUR m | Market Liquidity Score: Shareholders: | 0.0 | Key Figures (WRe): | 2022e |
| Dui | EUD 400 00 | Market cap: | 323.8 | Freefloat | 58.15 % | | 1.3 |
| Price | EUR 136.00 | No. of shares (m): | 2.4 | Rainer Gläß | 23.57 % | Price / Book: | 3.3 x |
| Upside | 50.7 % | EV: | 271.5 | Stephan Kronmüller | 18.29 % | Equity Ratio: | 68 % |
| | | Freefloat MC: | 188.3 | | | | |
| | | Ø Trad. Vol. (30d): | 119.78 th | | | | |

Best Ideas 2023: Leader in a highly robust IT market segment

GK Software has become the leading European provider of integrated store IT solutions in the SAP ecosystem. With around 400k installations in ca. 70 countries, GK is among the top international players in the retail-solutions market and it uses the latest technology to continuously develop and improve its solutions. The first to rely on Java in 1997, GK today offers the first cloud-based enterprise retail solution. The growth continues to prove its success. In this way, the partnership of GK with SAP continuously improved. SAP lists the main products of GK on its own price list as "SAP by GK" - a first-class accolade, which of course offers enormous potential for sales. Against this background, even more of the world's largest retail chains could become clients of GK.

After years of high software development costs and market development costs (especially in the USA), GK Software has been generating significant income increases since 2021. And further increases can be expected as the number of cloud and maintenance contracts continues to rise (EBIT margin 2018: 1.5%, 2019: 3%, 2020: 9%, 2021: 13%, 2022e: 15%). The recent quarterly numbers showed an impressive improvement in earnings even without significant new license deals.

With its software solution (store software for retail) and by far the most important partner of SAP in this segment, the company occupies a niche that continues to grow significantly. Driven initially by customer loyalty cards, then by apps and soon by checkout-free supermarkets, there is no way around the leading software of this kind. The main target group of GK, supermarket chains, are particularly robust in times of inflation as prices are passed on to customers, and this is keeping demand strong.

Driven by demonstrable efficiency gains and client demand e.g. for apps and loyalty cards, the willingness to invest remains high here.

With various technical innovations such as...

- the first cloud-based fiscalization in Germany,
- the development of a solution for petrol stations, where e-mobility is currently prompting substantial structural change (first solution has been sold), and
- the consistent use of new technology (Al-based planning processes)

...GK will further consolidate technology and market leadership in terms of POS systems sold worldwide as well as customer penetration in terms of new installations, where GK is already market leader.

With such potential, the company is clearly too cheap (especially in comparison to leading German software vendors) and provides significant upside to our PT of EUR 205. The company is rated Buy.

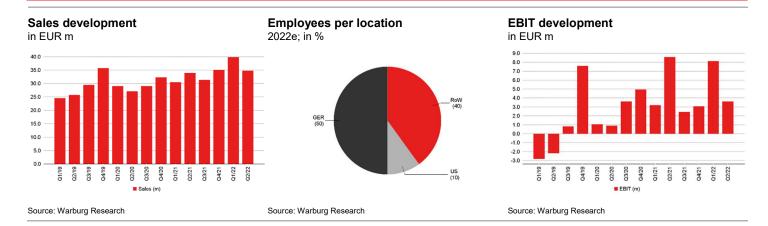


| Rel. Performance vs CDAX: | |
|---------------------------|--------|
| 1 month: | -2.3 % |
| 6 months: | -4.0 % |
| Year to date: | -3.0 % |
| Trailing 12 months: | 5.9 % |
| Company events: | |

| Company events: | |
|-----------------|---------|
| 24.04.23 | FY 2022 |
| 25.05.23 | Q1 |
| 15.06.23 | AGM |
| 29.08.23 | Q2 |
| | |

| FY End: 31.12. | CAGR | | | | | | | |
|---------------------|---------------|-------------|------------|--------|--------|--------|--------|--------|
| in EUR m | (21-24e) | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024e |
| Sales | 12.8 % | 106.2 | 115.4 | 117.6 | 130.8 | 152.0 | 169.0 | 187.6 |
| Change Sales yoy | | 17.4 % | 8.8 % | 1.8 % | 11.3 % | 16.2 % | 11.2 % | 11.0 % |
| Gross profit margin | | 92.7 % | 94.6 % | 92.7 % | 89.2 % | 89.0 % | 89.0 % | 89.0 % |
| EBITDA | 15.5 % | 6.8 | 12.3 | 19.7 | 26.8 | 32.4 | 36.0 | 41.3 |
| Margin | | 6.4 % | 10.6 % | 16.7 % | 20.5 % | 21.3 % | 21.3 % | 22.0 % |
| EBIT | 19.4 % | 1.6 | 3.4 | 10.5 | 17.3 | 22.8 | 25.4 | 29.5 |
| Margin | | 1.5 % | 3.0 % | 9.0 % | 13.2 % | 15.0 % | 15.0 % | 15.7 % |
| Net income | 14.3 % | 0.9 | -3.1 | 6.3 | 13.2 | 15.0 | 16.8 | 19.7 |
| EPS | 14.3 % | 0.49 | -1.55 | 3.00 | 5.53 | 6.29 | 7.04 | 8.26 |
| EPS adj. | 14.3 % | 0.49 | -1.55 | 3.00 | 5.53 | 6.29 | 7.04 | 8.26 |
| DPS | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 1.00 | 1.00 |
| Dividend Yield | | n.a. | n.a. | n.a. | n.a. | 0.4 % | 0.7 % | 0.7 % |
| FCFPS | | -9.27 | -1.92 | 7.11 | 8.70 | 6.76 | 8.06 | 9.64 |
| FCF / Market cap | | -9.0 % | -2.8 % | 10.3 % | 6.3 % | 5.0 % | 5.9 % | 7.1 % |
| EV / Sales | | 2.1 x | 1.5 x | 1.5 x | 2.4 x | 1.9 x | 1.6 x | 1.3 x |
| EV / EBITDA | | 32.3 x | 14.1 x | 8.7 x | 11.5 x | 8.9 x | 7.5 x | 6.1 x |
| EV / EBIT | | 138.3 x | 50.4 x | 16.4 x | 17.8 x | 12.7 x | 10.7 x | 8.5 x |
| P/E | | 210.4 x | n.a. | 23.0 x | 24.8 x | 21.6 x | 19.3 x | 16.5 x |
| P / E adj. | | 210.4 x | n.a. | 23.0 x | 24.8 x | 21.6 x | 19.3 x | 16.5 x |
| FCF Potential Yield | | 3.4 % | 4.6 % | 9.8 % | 7.7 % | 9.0 % | 10.7 % | 13.2 % |
| Net Debt | | 24.6 | 34.8 | 26.5 | -18.2 | -34.3 | -52.3 | -72.9 |
| ROCE (NOPAT) | | 16.1 % | n.a. | 9.5 % | 19.9 % | 25.0 % | 28.5 % | 34.6 % |
| Guidance: | 2023 sales EU | JR 165-175m | , EBIT 15% | | | | | |



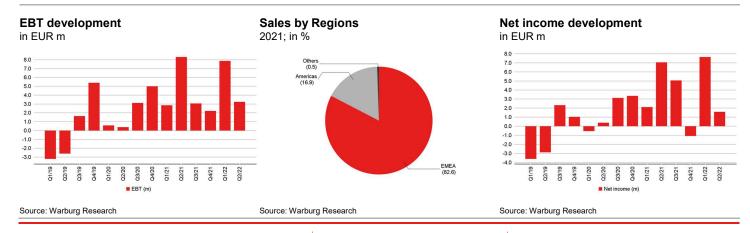


Company Background

- GK Software is the leading software supplier for retailers.
- As well as standard processes, GK Software solutions facilitate special requirements such as bonus programmes, the recording of fiscal details and the seamless integration in back-end solutions.
- The business activities of GK Software divides into two segments the sale of product licences and the corresponding services.

Competitive Quality

- The structural advantages of GK Software are compelling:
- GK Software's leading solution is completely Java-based, which makes it lean, platform independent and means it can be operated on the existing customer infrastructure.
- For many retail projects, GK competitors tend to undercalculate their bids and as a consequence are unable to complete the project on time and within budget.
- GK has outstanding reference clients (Hornbach, Kaufhof, Doublas, Netto, Tchibo, T-Punkt, Thalia, JYSK Nordic...)
- At the same time, GK Software's personnel costs are, depending on the location, often about 20% below those of a similar project team of a large system integrator.





| DCF model | | | | | | | | | | | | | | |
|-----------------------------|---------|-----------|----------|--------|--------|--------|--------|------------|-----------|--------|--------|--------|--------|-------------|
| | Detaile | d forecas | t period | | | | ٦ | Γransition | al period | | | | | Term. Value |
| Figures in EUR m | 2022e | 2023e | 2024e | 2025e | 2026e | 2027e | 2028e | 2029e | 2030e | 2031e | 2032e | 2033e | 2034e | |
| Sales | 152.0 | 169.0 | 187.6 | 208.2 | 231.1 | 251.9 | 269.6 | 285.7 | 302.9 | 321.1 | 340.3 | 360.7 | 382.4 | |
| Sales change | 16.2 % | 11.2 % | 11.0 % | 11.0 % | 11.0 % | 9.0 % | 7.0 % | 6.0 % | 6.0 % | 6.0 % | 6.0 % | 6.0 % | 6.0 % | 2.5 % |
| EBIT | 22.8 | 25.4 | 29.5 | 33.3 | 39.3 | 45.3 | 51.2 | 57.1 | 60.6 | 64.2 | 68.1 | 72.1 | 76.5 | |
| EBIT-margin | 15.0 % | 15.0 % | 15.7 % | 16.0 % | 17.0 % | 18.0 % | 19.0 % | 20.0 % | 20.0 % | 20.0 % | 20.0 % | 20.0 % | 20.0 % | |
| Tax rate (EBT) | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | 29.0 % | |
| NOPAT | 16.2 | 18.0 | 20.9 | 23.7 | 27.9 | 32.2 | 36.4 | 40.6 | 43.0 | 45.6 | 48.3 | 51.2 | 54.3 | |
| Depreciation | 9.6 | 10.6 | 11.8 | 14.6 | 11.6 | 10.1 | 8.1 | 8.6 | 9.1 | 9.6 | 10.2 | 10.8 | 11.5 | |
| in % of Sales | 6.3 % | 6.3 % | 6.3 % | 7.0 % | 5.0 % | 4.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | |
| Changes in provisions | 0.0 | 0.0 | 0.0 | -1.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| Change in Liquidity from | | | | | | | | | | | | | | |
| - Working Capital | 3.1 | 2.4 | 2.7 | 3.0 | 3.3 | 3.0 | 2.5 | 2.3 | 2.5 | 2.6 | 2.8 | 2.9 | 3.1 | |
| - Capex | 5.5 | 6.0 | 6.0 | 7.3 | 9.2 | 7.6 | 8.1 | 8.6 | 9.1 | 9.6 | 10.2 | 10.8 | 11.5 | |
| Capex in % of Sales | 3.6 % | 3.6 % | 3.2 % | 3.5 % | 4.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | |
| - 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) | 17.2 | 20.2 | 24.0 | 26.8 | 27.0 | 31.8 | 33.9 | 38.3 | 40.6 | 43.0 | 45.6 | 48.3 | 51.2 | 53 |
| PV of FCF | 17.1 | 18.3 | 19.8 | 20.1 | 18.4 | 19.7 | 19.2 | 19.7 | 19.0 | 18.3 | 17.7 | 17.0 | 16.4 | 230 |
| share of PVs | | 11.75 % | | | | | | 39.40 | 6 % | | | | | 48.79 % |

| Model parameter | | | | Valuation (m) | | | |
|--------------------------|--------|---------------------|------|----------------------------|-----|-----------------------|--------|
| Derivation of WACC: | | Derivation of Beta: | | Present values 2034e | 241 | | |
| | | | | Terminal Value | 230 | | |
| Debt ratio | 0.00 % | Financial Strength | 1.30 | Financial liabilities | 27 | | |
| Cost of debt (after tax) | 4.2 % | Liquidity (share) | 1.30 | Pension liabilities | 2 | | |
| Market return | 8.25 % | Cyclicality | 1.30 | Hybrid capital | 0 | | |
| Risk free rate | 2.75 % | Transparency | 1.30 | Minority interest | 1 | | |
| | | Others | 1.30 | Market val. of investments | 0 | | |
| | | | | Liquidity | 47 | No. of shares (m) | 2.4 |
| WACC | 9.90 % | Beta | 1.30 | Equity Value | 488 | Value per share (EUR) | 204.86 |

| Sens | itivity Va | lue per Sh | 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 |
| 1.48 | 10.9 % | 173.11 | 175.08 | 177.15 | 179.35 | 181.69 | 184.17 | 186.82 | 1.48 | 10.9 % | 165.32 | 170.00 | 174.68 | 179.35 | 184.03 | 188.71 | 193.38 |
| 1.39 | 10.4 % | 183.86 | 186.18 | 188.65 | 191.27 | 194.07 | 197.05 | 200.24 | 1.39 | 10.4 % | 176.30 | 181.29 | 186.28 | 191.27 | 196.27 | 201.26 | 206.25 |
| 1.35 | 10.2 % | 189.74 | 192.27 | 194.97 | 197.84 | 200.90 | 204.18 | 207.70 | 1.35 | 10.2 % | 182.34 | 187.51 | 192.67 | 197.84 | 203.00 | 208.17 | 213.33 |
| 1.30 | 9.9 % | 195.99 | 198.76 | 201.71 | 204.86 | 208.23 | 211.84 | 215.73 | 1.30 | 9.9 % | 188.81 | 194.16 | 199.51 | 204.86 | 210.21 | 215.56 | 220.91 |
| 1.25 | 9.7 % | 202.65 | 205.68 | 208.92 | 212.39 | 216.10 | 220.10 | 224.40 | 1.25 | 9.7 % | 195.74 | 201.29 | 206.84 | 212.39 | 217.94 | 223.49 | 229.04 |
| 1.21 | 9.4 % | 209.77 | 213.09 | 216.66 | 220.47 | 224.58 | 229.01 | 233.79 | 1.21 | 9.4 % | 203.18 | 208.95 | 214.71 | 220.47 | 226.24 | 232.00 | 237.77 |
| 1.12 | 8.9 % | 225.55 | 229.58 | 233.92 | 238.60 | 243.66 | 249.15 | 255.12 | 1.12 | 8.9 % | 219.87 | 226.12 | 232.36 | 238.60 | 244.84 | 251.09 | 257.33 |

- GK has been able to grow strongly in recent years and, last but not least, convince in terms of profitability
- The technological leadership position and the cooperation with SAP form a good basis for further growth
- This leading position in the world provides considerable scope for sales and earnings

GK Software



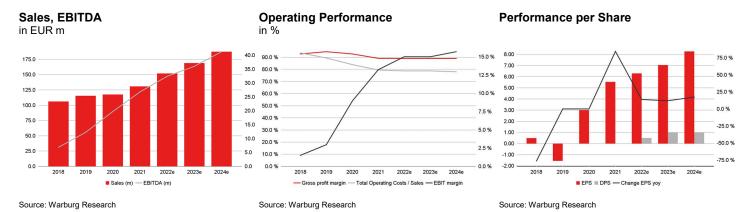
| Valuation | | | | | | | |
|-------------------------------------|---------|--------|--------|--------|--------|--------|--------|
| | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024e |
| Price / Book | 5.0 x | 3.3 x | 3.0 x | 4.0 x | 3.3 x | 2.9 x | 2.5 x |
| Book value per share ex intangibles | 4.82 | 6.71 | 10.68 | 21.43 | 29.98 | 39.18 | 49.42 |
| EV / Sales | 2.1 x | 1.5 x | 1.5 x | 2.4 x | 1.9 x | 1.6 x | 1.3 x |
| EV / EBITDA | 32.3 x | 14.1 x | 8.7 x | 11.5 x | 8.9 x | 7.5 x | 6.1 x |
| EV / EBIT | 138.3 x | 50.4 x | 16.4 x | 17.8 x | 12.7 x | 10.7 x | 8.5 x |
| EV / EBIT adj.* | 138.3 x | 50.4 x | 16.4 x | 17.8 x | 12.7 x | 10.7 x | 8.5 x |
| P / FCF | n.a. | n.a. | 9.7 x | 15.8 x | 20.1 x | 16.9 x | 14.1 x |
| P/E | 210.4 x | n.a. | 23.0 x | 24.8 x | 21.6 x | 19.3 x | 16.5 x |
| P / E adj.* | 210.4 x | n.a. | 23.0 x | 24.8 x | 21.6 x | 19.3 x | 16.5 x |
| Dividend Yield | n.a. | n.a. | n.a. | n.a. | 0.4 % | 0.7 % | 0.7 % |
| FCF Potential Yield (on market EV) | 3.4 % | 4.6 % | 9.8 % | 7.7 % | 9.0 % | 10.7 % | 13.2 % |
| *Adjustments made for: - | | | | | | | |



| Consolidated profit & loss | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|
| In EUR m | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024 |
| Sales | 106.2 | 115.4 | 117.6 | 130.8 | 152.0 | 169.0 | 187.6 |
| Change Sales yoy | 17.4 % | 8.8 % | 1.8 % | 11.3 % | 16.2 % | 11.2 % | 11.0 % |
| Increase / decrease in inventory | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Own work capitalised | 0.0 | 0.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Sales | 106.2 | 115.4 | 118.4 | 130.8 | 152.0 | 169.0 | 187.6 |
| Material expenses | 7.7 | 6.2 | 9.4 | 14.2 | 16.7 | 18.6 | 20.6 |
| Gross profit | 98.4 | 109.2 | 109.0 | 116.7 | 135.3 | 150.4 | 167.0 |
| Gross profit margin | 92.7 % | 94.6 % | 92.7 % | 89.2 % | 89.0 % | 89.0 % | 89.0 % |
| Personnel expenses | 68.8 | 78.1 | 75.6 | 78.7 | 91.2 | 101.4 | 112.6 |
| Other operating income | 3.6 | 3.8 | 4.3 | 8.7 | 7.6 | 8.5 | 9.4 |
| Other operating expenses | 26.4 | 22.7 | 17.9 | 19.9 | 19.3 | 21.5 | 22.5 |
| Unfrequent items | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBITDA | 6.8 | 12.3 | 19.7 | 26.8 | 32.4 | 36.0 | 41.3 |
| Margin | 6.4 % | 10.6 % | 16.7 % | 20.5 % | 21.3 % | 21.3 % | 22.0 % |
| Depreciation of fixed assets | 2.7 | 2.0 | 1.8 | 2.4 | 2.3 | 2.5 | 2.8 |
| EBITA | 4.1 | 10.3 | 17.9 | 24.4 | 30.1 | 33.5 | 38.5 |
| Amortisation of intangible assets | 2.5 | 6.8 | 7.4 | 7.1 | 7.3 | 8.1 | 9.0 |
| Goodwill amortisation | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBIT | 1.6 | 3.4 | 10.5 | 17.3 | 22.8 | 25.4 | 29.5 |
| Margin | 1.5 % | 3.0 % | 9.0 % | 13.2 % | 15.0 % | 15.0 % | 15.7 % |
| EBIT adj. | 1.6 | 3.4 | 10.5 | 17.3 | 22.8 | 25.4 | 29.5 |
| Interest income | 0.1 | 0.1 | 0.2 | 0.6 | 0.0 | 0.0 | 0.0 |
| Interest expenses | 1.6 | 2.3 | 1.6 | 1.4 | 1.5 | 1.5 | 1.5 |
| Other financial income (loss) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBT | 0.2 | 1.2 | 9.1 | 16.5 | 21.3 | 23.9 | 28.0 |
| Margin | 0.2 % | 1.1 % | 7.7 % | 12.6 % | 14.0 % | 14.1 % | 14.9 % |
| Total taxes | -0.8 | 4.4 | 2.8 | 3.2 | 6.2 | 6.9 | 8.1 |
| Net income from continuing operations | 0.9 | -3.1 | 6.3 | 13.3 | 15.1 | 16.9 | 19.8 |
| 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 | 0.9 | -3.1 | 6.3 | 13.3 | 15.1 | 16.9 | 19.8 |
| Minority interest | 0.0 | 0.0 | -0.1 | 0.1 | 0.2 | 0.2 | 0.2 |
| Net income | 0.9 | -3.1 | 6.3 | 13.2 | 15.0 | 16.8 | 19.7 |
| Margin | 0.9 % | -2.7 % | 5.4 % | 10.1 % | 9.8 % | 9.9 % | 10.5 % |
| Number of shares, average | 1.9 | 2.0 | 2.1 | 2.4 | 2.4 | 2.4 | 2.4 |
| EPS | 0.49 | -1.55 | 3.00 | 5.53 | 6.29 | 7.04 | 8.26 |
| EPS adj. | 0.49 | -1.55 | 3.00 | 5.53 | 6.29 | 7.04 | 8.26 |
| *Adjustments made for: | | | | | | | |

Guidance: 2023 sales EUR 165-175m, EBIT 15%

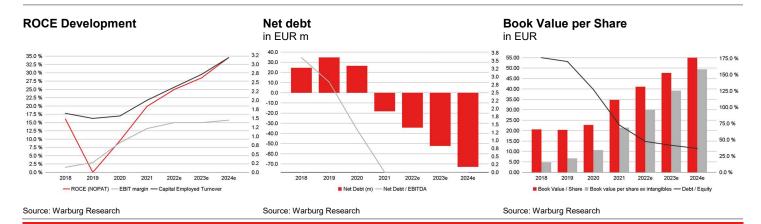
| Financial Ratios | | | | | | | |
|-------------------------------|----------|---------|---------|---------|---------|---------|---------|
| | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024e |
| Total Operating Costs / Sales | 93.6 % | 89.4 % | 84.0 % | 79.5 % | 78.7 % | 78.7 % | 78.0 % |
| Operating Leverage | -3.9 x | 13.1 x | 113.2 x | 5.7 x | 2.0 x | 1.0 x | 1.5 x |
| EBITDA / Interest expenses | 4.4 x | 5.4 x | 12.0 x | 18.8 x | 21.6 x | 24.0 x | 27.5 x |
| Tax rate (EBT) | -439.8 % | 354.6 % | 31.1 % | 19.2 % | 29.0 % | 29.0 % | 29.0 % |
| Dividend Payout Ratio | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 7.9 % | 14.1 % | 12.0 % |
| Sales per Employee | 232,188 | 247,572 | 247,158 | 269,699 | 307,156 | 334,812 | 364,355 |





| Consolidated balance sheet | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|
| In EUR m | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024e |
| Assets | | | | | | | |
| Goodwill and other intangible assets | 30.0 | 27.6 | 25.4 | 31.7 | 26.4 | 20.3 | 13.3 |
| thereof other intangible assets | 12.2 | 22.2 | 25.4 | 31.7 | 26.4 | 20.3 | 13.3 |
| thereof Goodwill | 17.9 | 5.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Property, plant and equipment | 22.7 | 33.0 | 31.1 | 21.3 | 22.5 | 24.0 | 25.2 |
| Financial assets | 0.0 | 0.0 | 0.0 | 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 | 52.8 | 60.7 | 56.6 | 53.0 | 48.9 | 44.3 | 38.5 |
| Inventories | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| Accounts receivable | 26.0 | 24.0 | 24.0 | 24.0 | 27.9 | 31.0 | 34.4 |
| Liquid assets | 11.8 | 8.1 | 9.4 | 46.9 | 48.4 | 66.4 | 87.0 |
| Other short-term assets | 20.0 | 21.2 | 20.6 | 20.2 | 20.2 | 20.2 | 20.2 |
| Current assets | 58.4 | 53.5 | 54.2 | 91.2 | 96.6 | 117.7 | 141.6 |
| Total Assets | 111.2 | 114.2 | 110.7 | 144.2 | 145.5 | 162.0 | 180.1 |
| Liabilities and shareholders' equity | | | | | | | |
| Subscribed capital | 1.9 | 2.0 | 2.1 | 2.3 | 2.3 | 2.3 | 2.3 |
| Capital reserve | 21.4 | 27.3 | 28.7 | 49.3 | 49.3 | 49.3 | 49.3 |
| Retained earnings | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 30.6 | 47.9 |
| Other equity components | 15.8 | 11.8 | 17.2 | 31.1 | 31.2 | 31.4 | 31.5 |
| Shareholders' equity | 39.2 | 41.2 | 47.9 | 82.7 | 97.8 | 113.5 | 130.9 |
| Minority interest | 1.1 | 1.1 | 0.7 | 0.9 | 0.9 | 0.9 | 0.9 |
| Total equity | 40.3 | 42.3 | 48.7 | 83.6 | 98.6 | 114.4 | 131.8 |
| Provisions | 3.1 | 4.2 | 3.5 | 2.4 | 2.4 | 2.4 | 2.4 |
| thereof provisions for pensions and similar obligations | 1.6 | 2.8 | 2.7 | 1.9 | 1.9 | 1.9 | 1.9 |
| Financial liabilities (total) | 34.8 | 40.1 | 33.2 | 26.8 | 12.2 | 12.2 | 12.2 |
| Short-term financial liabilities | 12.3 | 13.9 | 7.8 | 1.0 | 1.0 | 1.0 | 1.0 |
| Accounts payable | 2.4 | 2.5 | 3.6 | 5.2 | 6.0 | 6.7 | 7.4 |
| Other liabilities | 30.7 | 25.2 | 21.7 | 26.2 | 26.2 | 26.2 | 26.2 |
| Liabilities | 70.9 | 71.9 | 62.0 | 60.7 | 46.9 | 47.6 | 48.3 |
| Total liabilities and shareholders' equity | 111.2 | 114.2 | 110.7 | 144.2 | 145.5 | 162.0 | 180.1 |

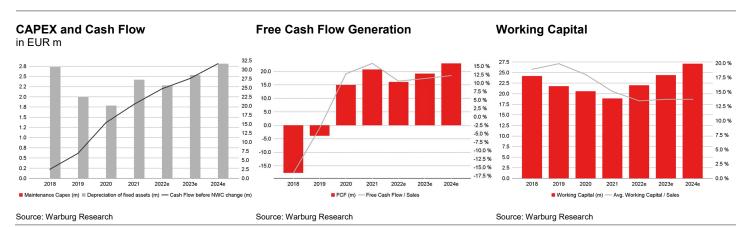
| Financial Ratios | | | | | | | |
|-------------------------------------|---------|---------|---------|---------|---------|---------|-----------------|
| | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024e |
| Efficiency of Capital Employment | | | | | | | |
| Operating Assets Turnover | 2.3 x | 2.1 x | 2.3 x | 3.3 x | 3.4 x | 3.5 x | 3.6 x |
| Capital Employed Turnover | 1.6 x | 1.5 x | 1.6 x | 2.0 x | 2.4 x | 2.7 x | 3.2 x |
| ROA | 1.8 % | -5.2 % | 11.2 % | 24.8 % | 30.6 % | 37.8 % | 51.1 % |
| Return on Capital | | | | | | | |
| ROCE (NOPAT) | 16.1 % | n.a. | 9.5 % | 19.9 % | 25.0 % | 28.5 % | 34.6 % |
| ROE | 2.4 % | -7.8 % | 14.2 % | 20.1 % | 16.6 % | 15.9 % | 16.1 % |
| Adj. ROE | 2.4 % | -7.8 % | 14.2 % | 20.1 % | 16.6 % | 15.9 % | 16.1 % |
| Balance sheet quality | | | | | | | |
| Net Debt | 24.6 | 34.8 | 26.5 | -18.2 | -34.3 | -52.3 | -72.9 |
| Net Financial Debt | 23.0 | 32.0 | 23.8 | -20.1 | -36.2 | -54.2 | -74.8 |
| Net Gearing | 61.1 % | 82.3 % | 54.5 % | -21.8 % | -34.8 % | -45.7 % | - 55.3 % |
| Net Fin. Debt / EBITDA | 337.0 % | 261.2 % | 120.8 % | n.a. | n.a. | n.a. | n.a. |
| Book Value / Share | 20.6 | 20.4 | 22.7 | 34.7 | 41.1 | 47.7 | 55.0 |
| Book value per share ex intangibles | 4.8 | 6.7 | 10.7 | 21.4 | 30.0 | 39.2 | 49.4 |





| Consolidated cash flow statement | | | | | | | |
|--|-------|------|-------|------|-------|-------|------|
| In EUR m | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024 |
| Net income | 0.9 | -3.1 | 6.3 | 13.3 | 15.1 | 16.9 | 19.8 |
| Depreciation of fixed assets | 2.7 | 2.0 | 1.8 | 2.4 | 2.3 | 2.5 | 2.8 |
| Amortisation of goodwill | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Amortisation of intangible assets | 2.5 | 6.8 | 7.4 | 7.1 | 7.3 | 8.1 | 9.0 |
| Increase/decrease in long-term provisions | -0.3 | 1.2 | 0.0 | -0.8 | 0.0 | 0.0 | 0.0 |
| Other non-cash income and expenses | -3.3 | 0.0 | 0.0 | -1.5 | 0.0 | 0.0 | 0.0 |
| Cash Flow before NWC change | 2.5 | 6.9 | 15.4 | 20.4 | 24.7 | 27.6 | 31.7 |
| Increase / decrease in inventory | 0.5 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| Increase / decrease in accounts receivable | -8.3 | 2.0 | 0.0 | 0.0 | -3.9 | -3.1 | -3.4 |
| Increase / decrease in accounts payable | -0.3 | 0.1 | 1.1 | 1.6 | 8.0 | 0.7 | 0.7 |
| Increase / decrease in other working capital positions | 0.0 | -9.6 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 |
| Increase / decrease in working capital (total) | -8.2 | -7.1 | 2.3 | 2.8 | -3.1 | -2.4 | -2.7 |
| Net cash provided by operating activities [1] | -5.7 | -0.2 | 17.7 | 23.2 | 21.6 | 25.2 | 29.0 |
| Investments in intangible assets | -0.3 | -0.5 | -0.8 | -1.0 | -2.0 | -2.0 | -2.0 |
| Investments in property, plant and equipment | -11.7 | -3.1 | -1.9 | -1.5 | -3.5 | -4.0 | -4.0 |
| Payments for acquisitions | -3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Financial investments | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Income from asset disposals | 0.2 | 0.0 | -0.3 | 5.0 | 0.0 | 0.0 | 0.0 |
| Net cash provided by investing activities [2] | -15.7 | -3.6 | -3.0 | 2.4 | -5.5 | -6.0 | -6.0 |
| Change in financial liabilities | -0.9 | 5.3 | -6.9 | -6.4 | -14.6 | 0.0 | 0.0 |
| Dividends paid | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.2 | -2.4 |
| Purchase of own shares | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Capital measures | 0.6 | 0.0 | 0.0 | 20.5 | 0.0 | 0.0 | 0.0 |
| Other | 0.0 | -5.2 | -4.4 | 16.0 | 0.0 | 0.0 | 0.0 |
| Net cash provided by financing activities [3] | -0.3 | 0.1 | -11.3 | 30.1 | -14.6 | -1.2 | -2.4 |
| Change in liquid funds [1]+[2]+[3] | -21.7 | -3.8 | 3.4 | 55.8 | 1.5 | 18.0 | 20.6 |
| Effects of exchange-rate changes on cash | -0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Cash and cash equivalent at end of period | 8.7 | 2.3 | 5.7 | 61.5 | 48.4 | 66.4 | 87.0 |

| Financial Ratios | | | | | | | |
|--------------------------------------|-----------|---------|---------|---------|---------|---------|---------|
| | 2018 | 2019 | 2020 | 2021 | 2022e | 2023e | 2024e |
| Cash Flow | | | | | | | |
| FCF | -17.6 | -3.9 | 15.0 | 20.7 | 16.1 | 19.2 | 23.0 |
| Free Cash Flow / Sales | -16.6 % | -3.4 % | 12.8 % | 15.8 % | 10.6 % | 11.3 % | 12.2 % |
| Free Cash Flow Potential | 7.6 | 7.9 | 16.9 | 23.6 | 26.2 | 29.1 | 33.2 |
| Free Cash Flow / Net Profit | -1907.9 % | 124.3 % | 237.2 % | 157.5 % | 107.5 % | 114.4 % | 116.8 % |
| Interest Received / Avg. Cash | 0.7 % | 0.7 % | 2.2 % | 2.0 % | 0.0 % | 0.0 % | 0.0 % |
| Interest Paid / Avg. Debt | 4.7 % | 6.1 % | 4.5 % | 4.8 % | 7.7 % | 12.3 % | 12.3 % |
| Management of Funds | | | | | | | |
| Investment ratio | 11.3 % | 3.2 % | 2.3 % | 1.9 % | 3.6 % | 3.6 % | 3.2 % |
| Maint. Capex / Sales | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
| Capex / Dep | 228.7 % | 41.3 % | 29.3 % | 26.5 % | 57.4 % | 56.4 % | 50.8 % |
| Avg. Working Capital / Sales | 18.9 % | 19.9 % | 18.0 % | 15.1 % | 13.5 % | 13.7 % | 13.7 % |
| Trade Debtors / Trade Creditors | 1100.6 % | 965.5 % | 667.8 % | 464.6 % | 465.0 % | 462.7 % | 464.9 % |
| Inventory Turnover | 14.8 x | 21.9 x | 47.2 x | 199.5 x | 167.2 x | 185.9 x | 206.3 x |
| Receivables collection period (days) | 90 | 76 | 74 | 67 | 67 | 67 | 67 |
| Payables payment period (days) | 112 | 146 | 139 | 133 | 131 | 132 | 131 |
| Cash conversion cycle (Days) | 2 | -53 | -57 | -64 | -62 | -63 | -62 |



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| -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. | | |
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| <u>"_"</u> | 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 | 160 | 75 |
| Hold | 44 | 21 |
| Sell | 6 | 3 |
| Rating suspended | 3 | 1 |
| Total | 213 | 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 | 44 | 86 |
| Hold | 6 | 12 |
| Sell | 0 | 0 |
| Rating suspended | 1 | 2 |
| Total | 51 | 100 |

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