

# Kontron AG

## Germany - Technology



HAUCK  
AUFHÄUSER  
INVESTMENT BANKING

**Buy** (old: Buy)

**Price target: EUR 30.00** (old: EUR 30.00)

<b>Price:</b>	EUR 21.66	<b>Next result:</b>	Q4'23: tba
<b>Bloomberg:</b>	KTN GR	<b>Market cap:</b>	EUR 1,378.2 m
<b>Reuters:</b>	KTN.DE	<b>Enterprise Value:</b>	EUR 1,241.6 m

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### RS insights: current trading going strong, software content rising

- Current trading continues to impress.** Q4'23E order intake should again come in strong, with the book-to-bill expected to arrive at 1.10x to 1.20x (vs. 1.23x in 9M'23), carried by continued strength in Transportation / High-Speed Trains, Avionics and Defence (combined 20-25% of group sales / eHAIB), which are seen to overcompensate for cyclical weakness in Industrial. Notably, the best performing verticals offer above-average profitability (eHAIB: 15%+ EBITDA margins), meaning the subsequent revenue recognition should support group margin expansion thanks to both mix and scale.
- Upside to FY'24 estimates is becoming more tangible courtesy of M&A and a strong core business.** Kontron already has firm visibility on FY'24E thanks to a € 1.66bn backlog as of 9M'23, which should rise further to approx. € 1.70bn by the end of FY'23E (eHAIB). Backlog conversion should allow for organic growth of above 10% in FY'24E, in our view, especially with revenue headwinds subsiding: Kontron should have largely phased out low-margin Microsoft license sales (€ 17m / 4-5% EBITDA margin) by the end of the year. Already executed M&A is seen to contribute an incremental € 100-120m to group revenues in 2024E. This means that our current top-line estimate for next year would imply only 6-7% organic growth yoy, which is looking increasingly conservative and could be outperformed, despite macro uncertainty. Naturally, a stronger top-line would lead to upside for EBITDA and net income as well.
- New product launches to support software content growth and margin expansion.** Kontron's new Linux-based SecureOS will be part of all embedded systems going forward, offering highest levels of data security in critical IoT applications, analytics functionality and OTA updates, amongst other, in what constitutes a major upgrade over earlier software features. Management expects to be able to raise prices by 3% thanks to the integration of SecureOS, which would be pure margin. Further, Kontron has launched software to create neuronal networks for AI applications. Though early stage and still loss-making due to R&D investments, Kontron has already secured € 30m worth of design wins with a 50% software share, though the timing of revenue recognition is yet unclear and the profitability impact should be immaterial due to mentioned R&D investments.

**Confirm Buy:** the price target of € 30.00 is based on DCF.

Y/E 31.12 (EUR m)	2019	2020	2021	2022	2023E	2024E	2025E
Sales	1,122.9	1,254.8	1,002.9	1,096.1	1,201.0	1,395.3	1,546.0
Sales growth	13 %	12 %	-20 %	9 %	10 %	16 %	11 %
EBITDA	111.7	130.0	90.1	70.0	128.3	143.7	163.1
EBIT	61.8	68.6	40.1	-2.0	82.9	96.8	116.1
Net income	49.1	55.6	48.3	232.5	72.0	85.5	103.0
Net debt	91.5	104.1	116.0	-65.6	-156.5	-198.9	-213.4
Net gearing	24.5 %	25.8 %	27.7 %	-10.3 %	-25.8 %	-30.5 %	-29.8 %
Net Debt/EBITDA	0.8	0.8	1.3	0.0	0.0	0.0	0.0
EPS pro forma	0.74	0.84	0.45	-0.19	1.13	1.34	1.62
CPS	0.88	1.67	0.87	-0.15	1.15	1.21	1.15
DPS	0.00	0.30	0.35	1.00	0.60	0.60	0.60
Dividend yield	0.0 %	1.4 %	1.6 %	4.6 %	2.8 %	2.8 %	2.8 %
Gross profit margin	37.2 %	37.2 %	37.1 %	35.1 %	39.5 %	39.1 %	39.2 %
EBITDA margin	9.9 %	10.4 %	9.0 %	6.4 %	10.7 %	10.3 %	10.6 %
EBIT margin	5.5 %	5.5 %	4.0 %	-0.2 %	6.9 %	6.9 %	7.5 %
ROCE	8.8 %	9.9 %	4.5 %	-0.2 %	9.0 %	9.5 %	11.7 %
EV/sales	1.4	1.2	1.6	1.2	1.0	0.9	0.8
EV/EBITDA	13.9	12.0	17.5	19.0	9.7	8.3	7.3
EV/EBIT	25.1	22.8	39.3	-661.0	15.0	12.4	10.2
PER	29.2	25.7	48.1	-112.4	19.1	16.1	13.4
Adjusted FCF yield	5.4 %	6.1 %	3.3 %	1.2 %	7.4 %	8.6 %	10.2 %

Source: Company data, Hauck Aufhäuser Investment Banking Close price as of: 16.11.2023



Source: Company data, Hauck Aufhäuser Investment Banking

**High/low 52 weeks:** 21.76 / 14.87

**Price/Book Ratio:** 2.3

**Relative performance (TecDAX):**

3 months 16.6 %

6 months 24.5 %

12 months 49.8 %

### Changes in estimates

		Sales	EBIT	EPS
2023	old:	1,201.0	82.9	1.13
	Δ	-	-	-
2024	old:	1,395.3	96.8	1.34
	Δ	-	-	-
2025	old:	1,546.0	116.1	1.62
	Δ	-	-	-

### Key share data:

Number of shares: (in m pcs) 63.6

Authorised capital: (in € m) 12.1

Book value per share: (in €) 9.5

Ø trading volume: (12 months) 155,000

### Major shareholders:

Free Float 50.5 %

Ennoconn 27.5 %

Management 6.8 %

Naneva BV 5.3 %

Amiral Gestion 4.4 %

### Company description:

Leading IoT solutions provider targeting industrial, medical, avionics, smart energy, and other applications

## Financials

Profit and loss (EUR m)	2019	2020	2021	2022	2023E	2024E	2025E
<b>Net sales</b>	<b>1,122.9</b>	<b>1,254.8</b>	<b>1,002.9</b>	<b>1,096.1</b>	<b>1,201.0</b>	<b>1,395.3</b>	<b>1,546.0</b>
Sales growth	13.3 %	11.7 %	-20.1 %	9.3 %	9.6 %	16.2 %	10.8 %
Increase/decrease in finished goods and work-in-process	15.5	17.6	21.2	23.4	12.6	14.0	15.5
<b>Total sales</b>	<b>1,138.4</b>	<b>1,272.4</b>	<b>1,024.2</b>	<b>1,119.5</b>	<b>1,213.6</b>	<b>1,409.3</b>	<b>1,561.5</b>
Other operating income	8.0	8.8	14.6	19.7	8.0	7.0	7.7
Material expenses	715.4	799.0	644.7	726.6	734.2	858.1	950.0
Personnel expenses	245.2	273.3	237.6	258.8	278.8	319.5	352.5
Other operating expenses	74.2	78.8	66.5	83.8	80.5	94.9	103.6
Total operating expenses	1,026.7	1,142.4	934.1	1,049.5	1,085.3	1,265.5	1,398.4
<b>EBITDA</b>	<b>111.7</b>	<b>130.0</b>	<b>90.1</b>	<b>70.0</b>	<b>128.3</b>	<b>143.7</b>	<b>163.1</b>
Depreciation	25.9	30.9	50.0	72.0	25.9	27.4	27.5
<b>EBITA</b>	<b>85.8</b>	<b>99.1</b>	<b>40.1</b>	<b>-2.0</b>	<b>102.4</b>	<b>116.3</b>	<b>135.6</b>
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	24.0	30.5	0.0	0.0	19.5	19.5	19.5
Impairment charges	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>EBIT (inc revaluation net)</b>	<b>61.8</b>	<b>68.6</b>	<b>40.1</b>	<b>-2.0</b>	<b>82.9</b>	<b>96.8</b>	<b>116.1</b>
Interest income	1.3	1.6	1.4	1.4	6.7	6.9	7.2
Interest expenses	9.0	9.3	9.0	10.0	7.7	6.6	6.3
Other financial result	0.0	-0.2	0.0	0.0	0.0	0.0	0.0
Financial result	-7.7	-7.9	-7.6	-8.6	-1.0	0.4	0.9
<b>Recurring pretax income from continuing operations</b>	<b>54.1</b>	<b>60.7</b>	<b>32.4</b>	<b>-10.7</b>	<b>81.9</b>	<b>97.2</b>	<b>117.0</b>
Extraordinary income/loss	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Earnings before taxes</b>	<b>54.1</b>	<b>60.7</b>	<b>32.4</b>	<b>-10.7</b>	<b>81.9</b>	<b>97.2</b>	<b>117.0</b>
Taxes	4.6	6.1	2.0	2.2	9.8	11.7	14.0
<b>Net income from continuing operations</b>	<b>49.5</b>	<b>54.6</b>	<b>30.5</b>	<b>-12.8</b>	<b>72.0</b>	<b>85.5</b>	<b>103.0</b>
Result from discontinued operations (net of tax)	0.0	0.0	-18.5	-244.7	0.0	0.0	0.0
<b>Net income</b>	<b>49.5</b>	<b>54.6</b>	<b>49.0</b>	<b>231.9</b>	<b>72.0</b>	<b>85.5</b>	<b>103.0</b>
Minority interest	0.4	-1.0	0.7	-0.6	0.0	0.0	0.0
<b>Net profit (reported)</b>	<b>49.1</b>	<b>55.6</b>	<b>48.3</b>	<b>232.5</b>	<b>72.0</b>	<b>85.5</b>	<b>103.0</b>
Average number of shares	66.1	65.0	65.0	63.6	63.6	63.6	63.6
<b>EPS reported</b>	<b>0.74</b>	<b>0.86</b>	<b>0.74</b>	<b>3.65</b>	<b>1.13</b>	<b>1.34</b>	<b>1.62</b>

Profit and loss (common size)	2019	2020	2021	2022	2023E	2024E	2025E
<b>Net sales</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>
Increase/decrease in finished goods and work-in-process	1.4 %	1.4 %	2.1 %	2.1 %	1.1 %	1.0 %	1.0 %
<b>Total sales</b>	<b>101.4 %</b>	<b>101.4 %</b>	<b>102.1 %</b>	<b>102.1 %</b>	<b>101.1 %</b>	<b>101.0 %</b>	<b>101.0 %</b>
Other operating income	0.7 %	0.7 %	1.5 %	1.8 %	0.7 %	0.5 %	0.5 %
Material expenses	63.7 %	63.7 %	64.3 %	66.3 %	61.1 %	61.5 %	61.5 %
Personnel expenses	21.8 %	21.8 %	23.7 %	23.6 %	23.2 %	22.9 %	22.8 %
Other operating expenses	6.6 %	6.3 %	6.6 %	7.6 %	6.7 %	6.8 %	6.7 %
Total operating expenses	91.4 %	91.0 %	93.1 %	95.7 %	90.4 %	90.7 %	90.5 %
<b>EBITDA</b>	<b>9.9 %</b>	<b>10.4 %</b>	<b>9.0 %</b>	<b>6.4 %</b>	<b>10.7 %</b>	<b>10.3 %</b>	<b>10.6 %</b>
Depreciation	2.3 %	2.5 %	5.0 %	6.6 %	2.2 %	2.0 %	1.8 %
<b>EBITA</b>	<b>7.6 %</b>	<b>7.9 %</b>	<b>4.0 %</b>	<b>neg.</b>	<b>8.5 %</b>	<b>8.3 %</b>	<b>8.8 %</b>
Amortisation of goodwill	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Amortisation of intangible assets	2.1 %	2.4 %	0.0 %	0.0 %	1.6 %	1.4 %	1.3 %
Impairment charges	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
<b>EBIT (inc revaluation net)</b>	<b>5.5 %</b>	<b>5.5 %</b>	<b>4.0 %</b>	<b>neg.</b>	<b>6.9 %</b>	<b>6.9 %</b>	<b>7.5 %</b>
Interest income	0.1 %	0.1 %	0.1 %	0.1 %	0.6 %	0.5 %	0.5 %
Interest expenses	0.8 %	0.7 %	0.9 %	0.9 %	0.6 %	0.5 %	0.4 %
Other financial result	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Financial result	neg.	neg.	neg.	neg.	neg.	0.0 %	0.1 %
<b>Recurring pretax income from continuing operations</b>	<b>4.8 %</b>	<b>4.8 %</b>	<b>3.2 %</b>	<b>neg.</b>	<b>6.8 %</b>	<b>7.0 %</b>	<b>7.6 %</b>
Extraordinary income/loss	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
<b>Earnings before taxes</b>	<b>4.8 %</b>	<b>4.8 %</b>	<b>3.2 %</b>	<b>neg.</b>	<b>6.8 %</b>	<b>7.0 %</b>	<b>7.6 %</b>
Tax rate	8.4 %	10.0 %	6.1 %	-20.5 %	12.0 %	12.0 %	12.0 %
<b>Net income from continuing operations</b>	<b>4.4 %</b>	<b>4.4 %</b>	<b>3.0 %</b>	<b>neg.</b>	<b>6.0 %</b>	<b>6.1 %</b>	<b>6.7 %</b>
Income from discontinued operations (net of tax)	0.0 %	0.0 %	-1.8 %	-22.3 %	0.0 %	0.0 %	0.0 %
<b>Net income</b>	<b>4.4 %</b>	<b>4.4 %</b>	<b>4.9 %</b>	<b>21.2 %</b>	<b>6.0 %</b>	<b>6.1 %</b>	<b>6.7 %</b>
Minority interest	0.0 %	neg.	0.1 %	neg.	0.0 %	0.0 %	0.0 %
<b>Net profit (reported)</b>	<b>4.4 %</b>	<b>4.4 %</b>	<b>4.8 %</b>	<b>21.2 %</b>	<b>6.0 %</b>	<b>6.1 %</b>	<b>6.7 %</b>

Source: Company data, Hauck Aufhäuser Investment Banking

Balance sheet (EUR m)	2019	2020	2021	2022	2023E	2024E	2025E
<b>Intangible assets</b>	<b>294.9</b>	<b>302.3</b>	<b>312.5</b>	<b>261.8</b>	<b>261.1</b>	<b>257.5</b>	<b>261.2</b>
Property, plant and equipment	99.8	135.1	132.5	95.5	81.0	69.3	74.3
Financial assets	22.8	22.1	32.5	146.0	32.0	32.0	32.0
<b>FIXED ASSETS</b>	<b>417.5</b>	<b>459.5</b>	<b>477.5</b>	<b>503.4</b>	<b>374.1</b>	<b>358.8</b>	<b>367.5</b>
Inventories	146.8	159.9	187.3	192.6	210.7	244.8	297.3
Accounts receivable	212.2	204.5	214.1	148.1	162.2	188.5	208.8
Other current assets	102.6	104.2	136.5	126.0	129.1	132.4	135.7
Liquid assets	312.3	281.9	296.5	437.8	451.5	473.9	488.4
Deferred taxes	34.4	36.6	40.2	33.1	33.1	33.1	33.1
Deferred charges and prepaid expenses	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>CURRENT ASSETS</b>	<b>808.2</b>	<b>787.1</b>	<b>874.6</b>	<b>937.5</b>	<b>986.6</b>	<b>1,072.6</b>	<b>1,163.2</b>
<b>TOTAL ASSETS</b>	<b>1,225.7</b>	<b>1,246.6</b>	<b>1,352.1</b>	<b>1,440.9</b>	<b>1,360.7</b>	<b>1,431.4</b>	<b>1,530.7</b>
SHAREHOLDERS EQUITY	372.7	404.0	418.6	633.8	605.9	651.7	714.9
MINORITY INTEREST	12.4	5.4	4.7	1.8	0.0	0.0	0.0
Long-term debt	341.0	343.2	340.2	246.5	270.0	260.0	260.0
Provisions for pensions and similar obligations	30.0	26.8	25.1	19.9	19.9	19.9	19.9
Other provisions	54.4	40.5	31.4	27.0	27.0	27.0	27.0
<b>Non-current liabilities</b>	<b>425.4</b>	<b>410.5</b>	<b>396.7</b>	<b>293.3</b>	<b>316.8</b>	<b>306.8</b>	<b>306.8</b>
short-term liabilities to banks	62.8	42.8	72.3	125.7	25.0	15.0	15.0
Accounts payable	205.0	210.0	270.0	226.3	248.4	288.6	319.8
Advance payments received on orders	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other liabilities (incl. from lease and rental contracts)	134.2	160.6	176.7	154.1	158.8	163.5	168.4
Deferred taxes	13.4	13.3	13.2	5.7	5.7	5.7	5.7
Deferred income	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Current liabilities</b>	<b>415.3</b>	<b>426.6</b>	<b>532.2</b>	<b>511.9</b>	<b>437.9</b>	<b>472.9</b>	<b>508.9</b>
<b>TOTAL LIABILITIES AND SHAREHOLDERS EQUITY</b>	<b>1,225.7</b>	<b>1,246.6</b>	<b>1,352.1</b>	<b>1,440.9</b>	<b>1,360.7</b>	<b>1,431.4</b>	<b>1,530.7</b>

Balance sheet (common size)	2019	2020	2021	2022	2023E	2024E	2025E
<b>Intangible assets</b>	<b>24.1 %</b>	<b>24.2 %</b>	<b>23.1 %</b>	<b>18.2 %</b>	<b>19.2 %</b>	<b>18.0 %</b>	<b>17.1 %</b>
Property, plant and equipment	8.1 %	10.8 %	9.8 %	6.6 %	6.0 %	4.8 %	4.9 %
Financial assets	1.9 %	1.8 %	2.4 %	10.1 %	2.4 %	2.2 %	2.1 %
<b>FIXED ASSETS</b>	<b>34.1 %</b>	<b>36.9 %</b>	<b>35.3 %</b>	<b>34.9 %</b>	<b>27.5 %</b>	<b>25.1 %</b>	<b>24.0 %</b>
Inventories	12.0 %	12.8 %	13.9 %	13.4 %	15.5 %	17.1 %	19.4 %
Accounts receivable	17.3 %	16.4 %	15.8 %	10.3 %	11.9 %	13.2 %	13.6 %
Other current assets	8.4 %	8.4 %	10.1 %	8.7 %	9.5 %	9.2 %	8.9 %
Liquid assets	25.5 %	22.6 %	21.9 %	30.4 %	33.2 %	33.1 %	31.9 %
Deferred taxes	2.8 %	2.9 %	3.0 %	2.3 %	2.4 %	2.3 %	2.2 %
Deferred charges and prepaid expenses	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
<b>CURRENT ASSETS</b>	<b>65.9 %</b>	<b>63.1 %</b>	<b>64.7 %</b>	<b>65.1 %</b>	<b>72.5 %</b>	<b>74.9 %</b>	<b>76.0 %</b>
<b>TOTAL ASSETS</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>
SHAREHOLDERS EQUITY	30.4 %	32.4 %	31.0 %	44.0 %	44.5 %	45.5 %	46.7 %
MINORITY INTEREST	1.0 %	0.4 %	0.3 %	0.1 %	0.0 %	0.0 %	0.0 %
Long-term debt	27.8 %	27.5 %	25.2 %	17.1 %	19.8 %	18.2 %	17.0 %
Provisions for pensions and similar obligations	2.4 %	2.2 %	1.9 %	1.4 %	1.5 %	1.4 %	1.3 %
Other provisions	4.4 %	3.2 %	2.3 %	1.9 %	2.0 %	1.9 %	1.8 %
<b>Non-current liabilities</b>	<b>34.7 %</b>	<b>32.9 %</b>	<b>29.3 %</b>	<b>20.4 %</b>	<b>23.3 %</b>	<b>21.4 %</b>	<b>20.0 %</b>
short-term liabilities to banks	5.1 %	3.4 %	5.3 %	8.7 %	1.8 %	1.0 %	1.0 %
Accounts payable	16.7 %	16.8 %	20.0 %	15.7 %	18.3 %	20.2 %	20.9 %
Advance payments received on orders	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Other liabilities (incl. from lease and rental contracts)	10.9 %	12.9 %	13.1 %	10.7 %	11.7 %	11.4 %	11.0 %
Deferred taxes	1.1 %	1.1 %	1.0 %	0.4 %	0.4 %	0.4 %	0.4 %
Deferred income	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
<b>Current liabilities</b>	<b>33.9 %</b>	<b>34.2 %</b>	<b>39.4 %</b>	<b>35.5 %</b>	<b>32.2 %</b>	<b>33.0 %</b>	<b>33.2 %</b>
<b>TOTAL LIABILITIES AND SHAREHOLDERS EQUITY</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>

Source: Company data, Hauck Aufhäuser Investment Banking

Cash flow statement (EUR m)	2019	2020	2021	2022	2023E	2024E	2025E
Net profit/loss	49.5	54.6	49.0	-2.0	72.0	85.5	103.0
Depreciation of fixed assets (incl. leases)	49.9	30.9	63.6	72.0	25.9	27.4	27.5
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.0	30.5	0.0	0.0	19.5	19.5	19.5
Others	3.7	-8.5	-20.3	-42.6	0.0	0.0	0.0
Cash flow from operations before changes in w/c	103.1	107.5	92.3	27.4	117.4	132.4	150.0
Increase/decrease in inventory	-16.0	-13.1	-27.5	-5.3	-18.1	-34.1	-52.5
Increase/decrease in accounts receivable	-30.0	41.4	-9.6	66.0	-14.1	-26.2	-20.4
Increase/decrease in accounts payable	49.7	5.0	60.0	-43.6	22.1	40.2	31.2
Increase/decrease in other working capital positions	-23.5	0.0	-19.9	0.0	0.0	0.0	0.0
Increase/decrease in working capital	-19.8	33.3	3.0	17.1	-10.1	-20.1	-41.7
<b>Cash flow from operating activities</b>	<b>83.4</b>	<b>140.8</b>	<b>95.3</b>	<b>44.4</b>	<b>107.3</b>	<b>112.3</b>	<b>108.3</b>
CAPEX	27.1	33.9	47.0	40.5	45.6	51.6	55.7
Payments for acquisitions	27.2	41.0	13.9	20.5	24.5	0.0	0.0
Financial investments	4.3	3.6	8.2	-13.0	0.0	0.0	0.0
Income from asset disposals	2.9	1.3	2.8	191.7	117.3	20.0	0.0
<b>Cash flow from investing activities</b>	<b>-55.7</b>	<b>-77.2</b>	<b>-66.3</b>	<b>143.7</b>	<b>47.2</b>	<b>-31.6</b>	<b>-55.7</b>
Cash flow before financing	27.7	63.6	29.0	188.1	154.5	80.7	52.6
Increase/decrease in debt position	128.1	-40.9	28.8	-56.7	-77.2	-20.0	0.0
Purchase of own shares	14.6	12.2	20.6	0.0	0.0	0.0	0.0
Capital measures	0.0	1.4	0.0	0.0	0.0	0.0	0.0
Dividends paid	10.6	0.0	19.2	22.3	63.6	38.2	38.2
Others	-19.1	-14.1	-9.3	-11.8	0.0	0.0	0.0
Effects of exchange rate changes on cash	1.1	-8.1	4.3	0.4	0.0	0.0	0.0
<b>Cash flow from financing activities</b>	<b>83.8</b>	<b>-65.8</b>	<b>-20.2</b>	<b>-90.8</b>	<b>-140.8</b>	<b>-58.2</b>	<b>-38.2</b>
Increase/decrease in liquid assets	112.6	-10.2	13.0	97.7	13.7	22.5	14.4
<b>Liquid assets at end of period</b>	<b>312.3</b>	<b>281.9</b>	<b>296.5</b>	<b>437.8</b>	<b>451.5</b>	<b>473.9</b>	<b>488.4</b>

Source: Company data, Hauck Aufhäuser Investment Banking

Regional split (EUR m)	2019	2020	2021	2022	2023E	2024E	2025E
Domestic	102.2	106.7	156.5	178.6	195.7	227.3	251.9
yoy change	3.8 %	4.4 %	46.7 %	14.2 %	9.6 %	16.2 %	10.8 %
Rest of Europe	336.9	373.9	484.6	512.4	561.4	652.3	722.7
yoy change	12.3 %	11.0 %	29.6 %	5.7 %	9.6 %	16.2 %	10.8 %
NAFTA	152.7	178.2	96.5	109.8	124.9	146.5	162.3
yoy change	14.7 %	16.7 %	-45.8 %	13.8 %	13.7 %	17.3 %	10.8 %
Asia Pacific	n/a	n/a	62.4	80.0	87.6	101.8	112.8
yoy change	n/a	n/a	n/a	28.2 %	9.6 %	16.2 %	10.8 %
Rest of world	531.1	596.0	203.0	215.3	230.6	266.5	295.3
yoy change	15.6 %	12.2 %	-65.9 %	6.1 %	7.1 %	15.6 %	10.8 %
<b>TTL</b>	<b>1,122.9</b>	<b>1,254.8</b>	<b>1,002.9</b>	<b>1,096.1</b>	<b>1,201.0</b>	<b>1,395.3</b>	<b>1,546.0</b>
yoy change	13.3 %	11.7 %	-20.1 %	9.3 %	9.6 %	16.2 %	10.8 %

Source: Company data, Hauck Aufhäuser Investment Banking

Key ratios (EUR m)	2019	2020	2021	2022	2023E	2024E	2025E
<b>P&amp;L growth analysis</b>							
Sales growth	13.3 %	11.7 %	-20.1 %	9.3 %	9.6 %	16.2 %	10.8 %
EBITDA growth	23.4 %	43.6 %	-19.4 %	-46.2 %	42.4 %	105.3 %	27.2 %
EBIT growth	0.4 %	11.5 %	-35.1 %	-102.9 %	106.8 %	-	40.1 %
EPS growth	9.2 %	25.7 %	-0.1 %	327.0 %	52.5 %	-63.2 %	42.9 %
<b>Efficiency</b>							
Total operating costs / sales	91.4 %	91.0 %	93.1 %	95.7 %	90.4 %	90.7 %	90.5 %
Sales per employee	259.8	242.1	225.8	207.9	265.1	308.7	338.6
EBITDA per employee	25.9	25.1	20.3	13.3	28.3	31.8	35.7
<b>Balance sheet analysis</b>							
Avg. working capital / sales	13.8 %	12.4 %	14.2 %	12.3 %	10.7 %	9.3 %	10.1 %
Inventory turnover (sales/inventory)	7.7	7.8	5.4	5.7	5.7	5.7	5.2
Trade debtors in days of sales	69.0	59.5	77.9	49.3	49.3	49.3	49.3
A/P turnover [(A/P*365)/sales]	66.6	61.1	98.3	75.4	75.5	75.5	75.5
Cash conversion cycle (days)	39.2	36.6	31.1	32.4	30.5	30.7	40.7
<b>Cash flow analysis</b>							
Free cash flow	56.3	106.9	48.3	4.0	61.7	60.7	52.6
Free cash flow/sales	5.0 %	8.5 %	4.8 %	0.4 %	5.1 %	4.3 %	3.4 %
FCF / net profit	114.6 %	192.2 %	100.1 %	1.7 %	85.6 %	70.9 %	51.1 %
Capex / depre	62.9 %	61.2 %	86.7 %	38.2 %	100.5 %	110.1 %	118.4 %
Capex / maintenance capex	74.6 %	114.5 %	n/a	44.1 %	77.6 %	87.3 %	92.1 %
Capex / sales	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Security</b>							
Net debt	91.5	104.1	116.0	-65.6	-156.5	-198.9	-213.4
Net Debt/EBITDA	0.8	0.8	1.3	0.0	0.0	0.0	0.0
Net debt / equity	0.2	0.3	0.3	neg.	neg.	neg.	neg.
Interest cover	6.9	7.4	4.5	0.0	10.8	14.8	18.4
Dividend payout ratio	0.0 %	35.7 %	47.9 %	27.4 %	53.0 %	44.6 %	37.1 %
<b>Asset utilisation</b>							
Capital employed turnover	1.3	1.5	1.1	1.0	1.3	1.4	1.5
Operating assets turnover	4.4	4.3	3.8	5.2	5.8	6.5	5.9
Plant turnover	11.3	9.3	7.6	11.5	14.8	20.1	20.8
Inventory turnover (sales/inventory)	7.7	7.8	5.4	5.7	5.7	5.7	5.2
<b>Returns</b>							
ROCE	8.8 %	9.9 %	4.5 %	-0.2 %	9.0 %	9.5 %	11.7 %
ROE	13.2 %	13.8 %	11.5 %	36.7 %	11.9 %	13.1 %	14.4 %
<b>Other</b>							
Interest paid / avg. debt	3.4 %	3.7 %	2.2 %	2.7 %	2.2 %	2.0 %	2.2 %
No. employees (average)	4322	5184	4442	5271	4530	4520	4565
Number of shares	66.1	65.0	65.0	63.6	63.6	63.6	63.6
DPS	0.0	0.3	0.4	1.0	0.6	0.6	0.6
EPS reported	0.74	0.86	0.74	3.65	1.13	1.34	1.62
<b>Valuation ratios</b>							
P/BV	3.8	3.5	3.4	2.2	2.3	2.1	1.9
EV/sales	1.4	1.2	1.6	1.2	1.0	0.9	0.8
EV/EBITDA	13.9	12.0	17.5	19.0	9.7	8.3	7.3
EV/EBITA	18.1	15.8	39.3	-661.0	12.1	10.3	8.7
EV/EBIT	25.1	22.8	39.3	-661.0	15.0	12.4	10.2
EV/FCF	27.6	14.6	32.6	337.0	20.1	19.8	22.5
Adjusted FCF yield	5.4 %	6.1 %	3.3 %	1.2 %	7.4 %	8.6 %	10.2 %
Dividend yield	0.0 %	1.4 %	1.6 %	4.6 %	2.8 %	2.8 %	2.8 %

Source: Company data, Hauck Aufhäuser Investment Banking

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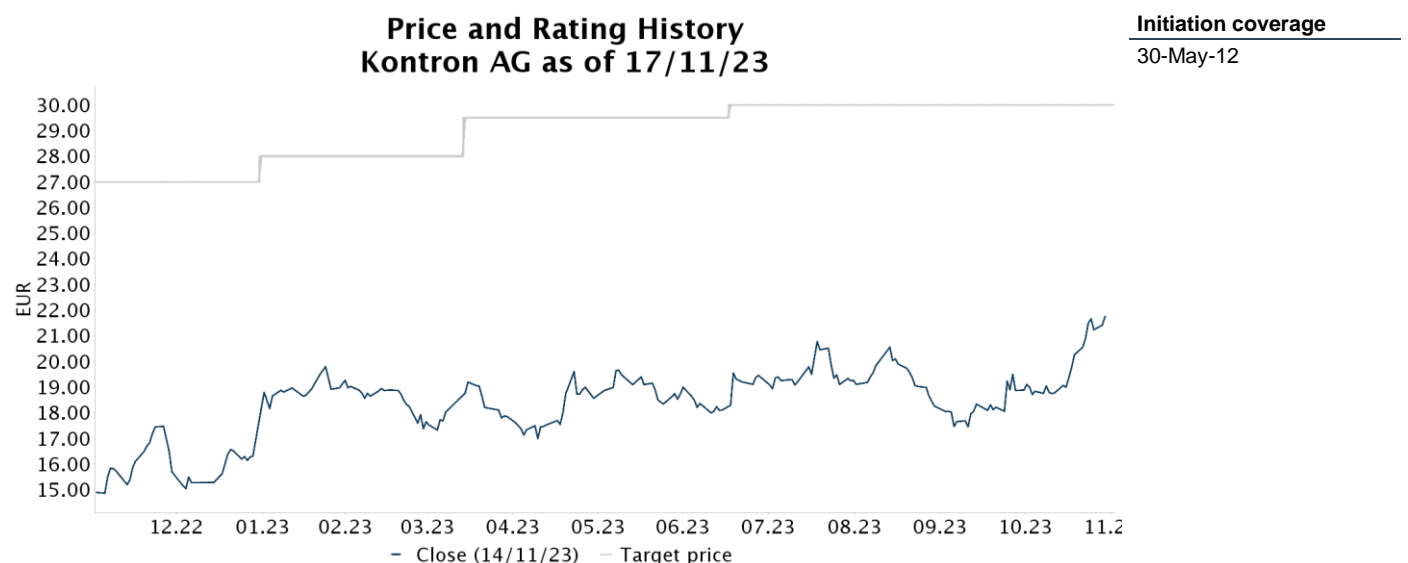
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Company	Disclosure
Kontron AG	

**Historical target price and rating changes for Kontron AG in the last 12 months**



Company	Date	Analyst	Rating	Target price	Close
Kontron AG	06.11.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 20,56
	03.11.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 20,26
	30.10.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 19,07
	12.10.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 19,50
	25.09.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 17,69

29.08.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 20,56
04.08.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 20,46
03.08.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 20,78
01.08.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 19,51
04.07.2023	Wunderlich, CFA, Tim	Buy	EUR 30,00	EUR 19,55
06.06.2023	Wunderlich, CFA, Tim	Buy	EUR 29,50	EUR 18,90
25.04.2023	Wunderlich, CFA, Tim	Buy	EUR 29,50	EUR 17,00
05.04.2023	Wunderlich, CFA, Tim	Buy	EUR 29,50	EUR 18,66
31.03.2023	Wunderlich, CFA, Tim	Buy	EUR 29,50	EUR 19,20
02.03.2023	Wunderlich, CFA, Tim	Buy	EUR 28,00	EUR 18,88
07.02.2023	Wunderlich, CFA, Tim	Buy	EUR 28,00	EUR 19,50
17.01.2023	Wunderlich, CFA, Tim	Buy	EUR 28,00	EUR 18,80
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
12.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,28
09.01.2023	Wunderlich, CFA, Tim	Buy	EUR 27,00	EUR 16,20

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<b>Sell</b>	4.55 %	0.00 %
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