

### JENOPTIK AG – First nine months 2019



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### Major events in the first nine months of 2019



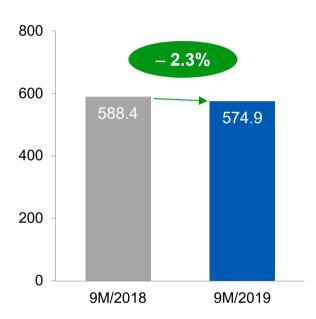
# 2019 2019

- Permission received to export energy systems for the "Patriot" air missile defense system at beginning of October
- Sales process for VINCORION division started
- CEO confirmed in office for another five-year term
- Substantial investments in expansion and modernization of our locations
- Several orders received by Prodomax in the automation area
- New corporate structure has been in place since January 1, 2019

### Order intake figures slightly down on prior year

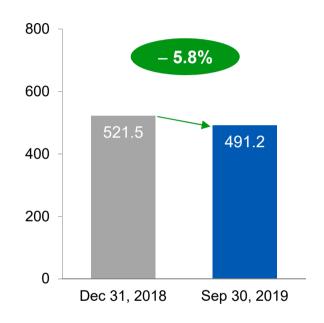


#### Order intake in million euros



- Light & Production with growth;
   Light & Optics division received major order earlier than expected in Q4/2018
- Book-to-bill ratio 0.96 (prior year 0.99)

#### Order backlog in million euros

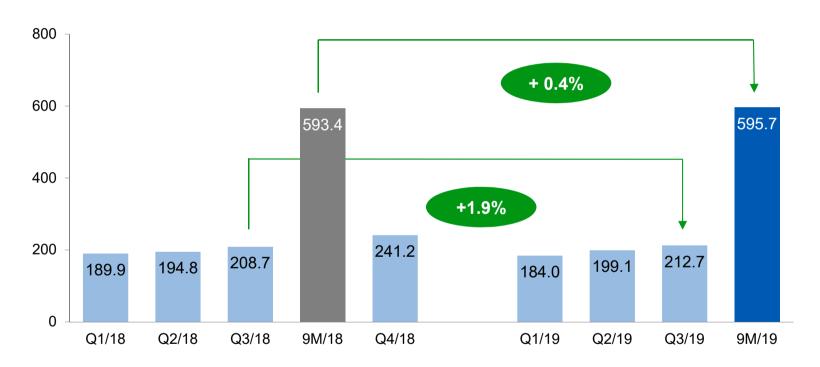


- Solid basis for coming months
- Approx. 46% with planned conversion to revenue in 2019 (prior year 48%)
- Frame contracts at 52.2 million euros (31/12/18: 62.5m euros)

# Momentum further increased in 3<sup>rd</sup> quarter, revenue slightly exceeded prior-year level



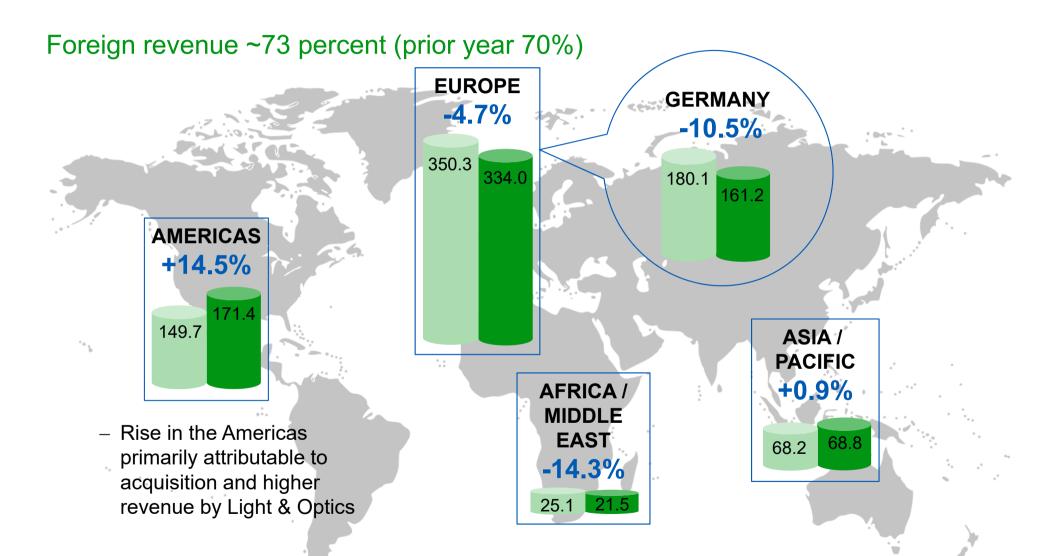
#### Revenue in million euros



- Revenue grew both in the first nine months and on a quarterly basis, rise over the course of the year
- Good business with semiconductor equipment industry and in the Automation & Integration area
- Contribution of the companies acquired in 2018: approx. 52 million euros (prior year 21.8m euros)
- Export restrictions affected development; high revenue contribution from the toll monitoring project in the prior year (approx. 25 million euros) makes comparison difficult

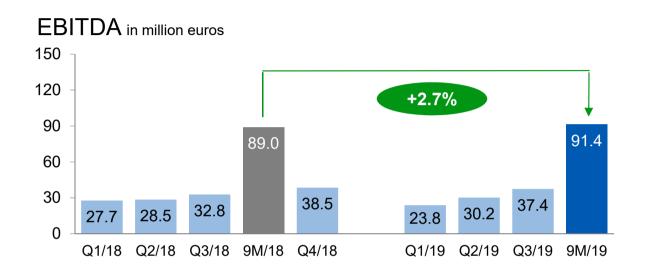
# Significant revenue growth in the first nine months of 2019 in the Americas



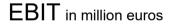


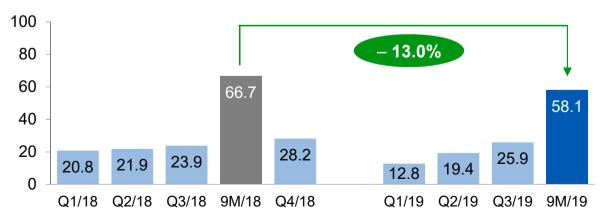
# EBITDA improved compared with prior quarter and prior-year quarter





- EBITDA impacted by
  - Higher functional costs (-)
  - Positive effects from firsttime application of IFRS 16
  - Contributions by acquisitions (+)
- EBITDA margin at 15.3% (prior year 15.0%)





- EBIT margin at 9.7% (prior year 11.2%)
- EBIT contribution of companies acquired in 2018 came to 4.8 million euros (pr. year –0.2m euros), incl.
   PPA effects of –4.2 million euros (prior year –6.3m euros)

# Higher spending for future growth caused rise in functional costs



In million euros	9M/2019	9M/2018	
Revenue	595.7	593.4	
Gross margin	35.2%	35.3%	
Functional costs	147.1	138.7	
EBITDA	91.4	89.0	
EBIT	58.1	66.7	
Financial result	-1.6	-2.0	
Earnings before tax	56.5	64.7	
Earnings after tax	44.3	53.7	
Earnings per share (euros)	0.77	0.94	

- Gross margin stable
- Rise in functional costs by 6.1%
  - R+D: at prior-year level
  - Selling: increase due to expansion of international distribution; acquisition of Prodomax
  - Administrative: higher personnel costs and administrative expenses, also attributable to companies acquired in 2018
  - Tax rate grew to 21.5% due to utilization of capitalized deferred taxes on losses carried forward (pr. year 16.9%); Cash-effective tax rate increased to 14.9% (prior year 14.5%) resulting from higher share of earnings generated abroad

# Free cash flow impacted by lower operating cash flows and higher investments



In million euros	9M/2019	9M/2018	
Operating profit before adjusting working capital	90.4	88.5	
Changes in working capital and other items	-51.8	-5.1	
Cash flows from operating activities before income taxes	38.6	83.4	
Cash flows from operative investing activities	-31.3	-26.3	
Free cash flow (before interest and taxes)	7.3	57.2	

- Working Capital grew to 257.3 million euros (31/12/18: 216.8m euros / 30/9/18: 239.9m euros), attributable in particular to higher inventories and operating receivables\*
- Working capital ratio came to 30.7% (31/12/18: 26.0% / 30/9/18: 29.5%)
- Investments increased as planned to
   31.6 million euros (prior year 26.8m euros)
- Net debt increased to 57.4 million euros (prior year –27.2m euros) which was attributable to higher financial debt (rose by 55.9m euros due to IFRS 16) and reduced cash and cash equivalents

<sup>\*</sup> Trade receivables and contract assets



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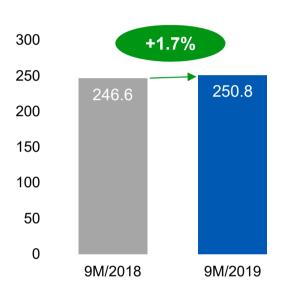
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# Light & Optics division: Development in line with expectations



#### Revenue in million euros



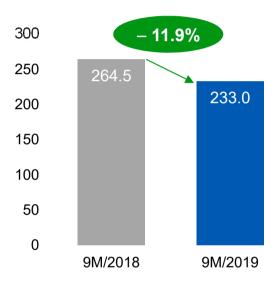
- Good business with semiconductor equipment industry; decline in the area of industrial solutions
- Substantial growth of revenue in the Americas

#### EBITDA in million euros



- At 19.6% EBITDA margin remained at very good level (prior year 22.2%), margin decline in industrial solutions
- EBIT came to 41.0 million euros (prior year 49.2m euros);
   EBIT margin 16.2% (prior year 19.8%)

#### Order intake in million euros

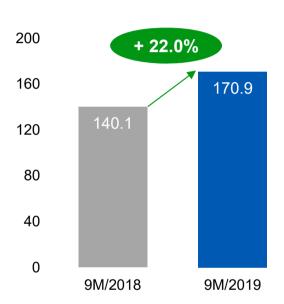


- Major order in semiconductor equipment area already received in Q4/2018
- Book-to-bill: 0.93 (pr. y. 1.07)
- Order backlog: 154.0 million euros (31/12/18: 180.6m euros)
- Frame contracts: 11.2 million euros (31/12/18: 12.5m euros)

# Light & Production division: Strong growth attributable to automation business and acquired businesses

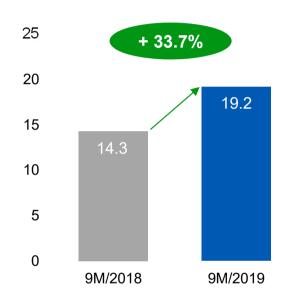


#### Revenue in million euros



- Companies acquired in 2018 contributed approx. 52 million euros to revenue (prior year 21.8m euros)
- Strong rise in the Americas

#### EBITDA in million euros



- EBITDA margin improved to 11.2% (prior year 10.2%)
- EBIT grew to 10.4 million euros (prior year 9.6m euros), contribution of 4.8 million euros incl. PPA effects of –4.2 million euros by companies acquired in 2018
- EBIT margin came to 6.1% (prior year 6.8%)

#### Order intake in million euros



- Several orders worth in total more than 30 million euros received
- Book-to-bill: 0.93(prior year 0.99)
- Order backlog: 100.6 million euros (31/12/18: 112.5m euros)
- Frame contracts: none

# Light & Safety division: Profitability improved; shortfall in revenue due to toll monitoring project in 2018 further reduced



#### Revenue in million euros



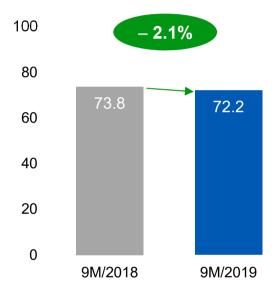
- In the prior year, toll monitoring project contributed approx.
   25 million euros to substantial growth
- Increase in the Americas and Middle East/Africa, decline in Germany

#### EBITDA in million euros



- EBITDA increased (higher depreciation due to IRFS 16);
   EBITDA margin improved to 15.9% (prior year 13.3%)
- EBIT dropped to 6.6 million euros (prior year 7.3 million euros),
   EBIT margin unchanged at 8.8% (prior year 8.8%)

#### Order intake in million euros

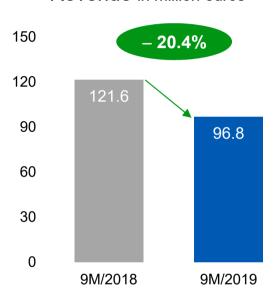


- Book-to-bill improved to 0.96 (prior year 0.89)
- Order backlog: 67.2 million euros (31/12/18: 69.5m euros)
- Frame contracts: 13.9 million euros (31/12/18: 19.2m euros)

# VINCORION: Good order backlog, export restrictions with negative effect on revenue and earnings

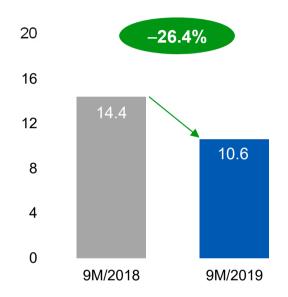






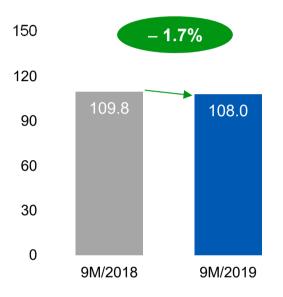
- Extended export restrictions, in particular, caused decline in revenue; permission was granted at the beginning of October
- Lower revenue in particular in Germany and the Americas

#### EBITDA in million euros



- Reduced revenue had an impact on earnings
- EBITDA margin at 10.9% (prior year 11.8%)
- EBIT 5.6 million euros (prior year 11.7 million euros);
   EBIT margin reduced to 5.8% (prior year 9.6%)

#### Order intake in million euros



- Book-to-bill grew to 1.12 (prior year 0.90)
- Order backlog improved to 168.7 million euros (31/12/18: 158.9m euros)
- Frame contracts: 27.1 million euros (31/12/18: 30.7m euros)



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## Growth expected for 2019; forecast for revenue and earnings confirmed



We anticipate revenue, without major portfolio changes, in a range between 850 and 860 million euros.

EBITDA margin is expected to come to around 15.5 percent.



This presupposes that political and economic conditions do not worsen.



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in million euros	Light & Optics	Light & Production*	Light & Safety	VINCORION	Group*
Revenue	339.6	210.9	116.9	166.4	834.6
EBITDA	74.1	24.6	15.9	20.1	127.5
EBITDA margin	21.8%	11.7%	13.6%	12.1%	15.3%
EBIT	65.9	16.8	10.9	16.5	94.9
EBIT margin	19.4%	8.0%	9.3%	9.9%	11.4%
Order intake	398.6	200.9	118.5	154.9	873.7
Order backlog	181.5	112.5	69.5	158.9	521.5

<sup>\*</sup>incl. PPA effects

### Dates and contact



November 12, 2019

November 21, 2019

November 28, 2019

November 29, 2019

December 3, 2019

December 5, 2019

January 9/10, 2020

January 21, 2020

Conference call on the results of the first nine months 2019

Capital Market Day, Jena

Roadshow Düsseldorf

Roadshow Zurich

Roadshow Paris

Berenberg European Conference, Pennyhill

Oddo Conference, Lyon

Kepler Cheuvreux Conference, Frankfurt/Main

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