

Agenda





Q4 and Full Year 2018 Highlights

## MAHLE

- Net sales revenue of R\$ 2,591.7 million for the full year 2018, up 14.4% from 2017, with an EBITDA margin of 18.0% (17.7% in 2017). Q4 2018 net sales revenue was 10.0% higher than in Q4 2017 with an EBITDA margin of 13.6% (14.3% in Q4 2017);
- In 2018, the domestic market (OE and Aftermarket) accounted for 52.4% of the net operating revenue of the Company.
- For the full year 2018, **Net Profit grew 22.9%** compared to 2017 while for Q4 2018, the increase was 56.1% compared to the same period of the prior year;
- In 2018, the Board of Directors of the Company approved the distribution of R\$ 86.2 million of Interest on Capital (gross), which will be submitted in 2019 to the Ordinary General Meeting for approval;

Key indicators												
(R\$ million)	2018 (a)	2017 (b)	(a/b)	Q418 (c)	Q318 (d)	Q417 (e)	(c/d)	(c/e)				
Net revenue	2,591.7	2,264.5	14.4%	634.5	710.3	576.6	-10.7%	10.0%				
EBITDA	466.9	401.8	16.2%	86.6	148.7	82.7	-41.8%	4.7%				
EBITDA margin	18.0%	17.7%	0.3 p.p.	13.6%	20.9%	14.3%	-7.3 p.p.	-0.7 p.p.				
Profit for the year	291.7	237.3	22.9%	67.9	92.2	43.5	-26.4%	56.1%				
Net margin	11.3%	10.5%	0.8 p.p.	10.7%	13.0%	7.5%	-2.3 p.p.	3.2 p.p.				

#### Market Overview

Brazil & Argentina Registration and Production (2018 x 2017)

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Light vehicles (ths)	<b>6</b>				5		
	Bra	IZII	Arge	entina	То	tai	-
Sales	2,475.4	13.8%	681.8	-22.9%	3,157.2	3.2%	
Production	2,746.7	5.8%	466.6	-1.4%	3,213.3	4.7%	
Medium and heavy vehicle (ths)	<b>B</b> ra	_		•ntina	<b>S</b> To		T Ve
Medium and heavy	_	_		•ntina -15.5%			+ T vel proc

Sources: Anfavea, Adefa, Acaras, IHS and Indec.

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### Vehicle production in the main exports markets

Vehicle Production in the r	nain exports marke	et (in ths)	
Segment	Jan-Dec 2018 (A)	Jan-Dec 2017 (B)	A/B
Production of Light vehicle	16,991	17,064	-0.4%
Production of medium and heavy vehicle	625	538	16.1%
North America	17,616	17,602	<b>0.1%</b>
Production of Light vehicle	21,987	22,216	-1.0%
Production of medium and heavy vehicle	670	671	-0.2%
Europe	22,656	22,886	-1.0%
Total Vehicle Production	40,273	40,489	-0.5%

Source: IHS

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### Net Revenues Performance by Market

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	Net revenues by market (R\$ Million)	2018 (a)	Volume/Price (b)	FX-Variation (c)	2017 (d)	% volume/price impact (b/d)	% FX-impacts (c/d)	H.A. (%) (a/d)
ant a	Domestic <sup>1</sup>	727.4	135.6	(7.4)	599.2	22.6%	-1.2%	21.4%
Original equipment	Export	1,037.2	(4.2)	143.5	897.9	-0.5%	16.0%	15.5%
64 0	Subtotal	1,764.6	131.4	136.1	1,497.1	8.8%	9.1%	17.9%
arket	Domestic <sup>1</sup>	630.6	82.2	(62.6)	611.0	13.5%	-10.3%	3.2%
-	Export	196.5	21.7	18.4	156.4	13.9%	11.7%	25.6%
Afterm	Subtotal	827.1	103.9	(44.2)	767.4	13.5%	-5.7%	7.8%
	Total	2,591.7	235.3	91.9	2,264.5	10.4%	4.0%	14.4%

<sup>1</sup> Domestic market includes Brazil and Argentina.

### Net Revenues Performance by Market

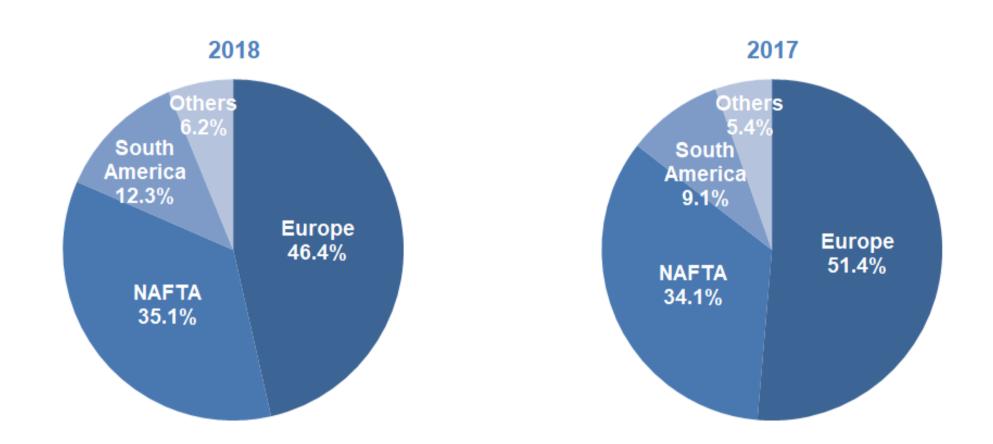
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	Net revenues by market (R\$ Million)	Q418 (a)	Volume/Price (b)	FX-Variation (c)	Q417 (d)	% volume/price impact (b/d)	% FX-impacts (c/d)	H.A. (%) (a/d)
al	Domestic <sup>1</sup>	182.1	28.2	(4.0)	157.9	17.9%	-2.6%	15.3%
Original equipment	Export	248.2	(18.6)	43.4	223.4	-8.3%	19.4%	11.1%
ed O	Subtotal	430.3	9.6	39.4	381.3	2.5%	10.4%	12.9%
arket	Domestic <sup>1</sup>	157.6	27.0	(27.2)	157.8	17.1%	-17.2%	-0.1%
	Export	46.6	2.9	6.2	37.5	7.6%	16.7%	24.3%
Afterm	Subtotal	204.2	29.9	<mark>(21.0)</mark>	195.3	15.4%	-10.8%	4.6%
	Total	634.5	39.5	18.4	576.6	6.8%	3.2%	10.0%

<sup>1</sup> Domestic market includes Brazil and Argentina.

MAHLE Metal Leve's consolidated exports by region

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- The Company closed 2018 with a gross margin of 26.6% (27.8% in 2017).
- Q4 2018 gross margin was 19.2% (26.9% in Q4 2017).

Summary P&L (R\$ million)	2018 (a)	2017 (b)	V.A. (%) (a)	V.A. (%) (b)	H.A. (%) (a/b)	Q418 (c)	Q417 (d)	V.A. (%) (c)	V.A. (%) (d)	H.A. (%) (c/d)
Net sales revenue	2,591.7	2,264.5	100.0%	100.0%	14.4%	634.5	576.6	100.0%	100.0%	10.0%
Cost of sales	(1,901.6)	(1,635.8)	-73.4%	-72.2%	16.2%	(512.8)	(421.5)	-80.8%	-73.1%	21.7%
Gross profit	690.1	628.7	26.6%	27.8%	9.8%	121.7	155.1	<b>19.2%</b>	26.9%	-21.5%
Gross margin	26.6%	27.8%			-1,2 p.p.	19.2%	26.9%		-	-7,7 p.p.

#### Selling expenses:

■ In 2018, the increase in selling expenses reflects the Company's revenue, with stable expense ratio year over year.

#### **General and Administrative expenses:**

General and administrative expenses are in line with historical levels when comparing 2018 to the prior year. The increase in Q4 2018 compared to Q4 2017 was due to compensation paid to employees who were dismissed upon the headcount reduction in both periods analyzed.

#### **R&D** expenses:

In order to gain synergy, in 2018, team restructurings were made at the Technology Center. In Q4 2018, the numbers were stable in relation to Q4 2017.

#### Other operating income (expenses):

- Provision/reversal for labor, civil and tax contingencies;
- Revenue from Recovered Taxes (Reintegra Program);
- Gains on sale of assets of subsidiary MAHLE Hirschvogel Forjas S.A.

Summary P&L (R\$ million)	2018 (a)	2017 (b)	V.A. (%) (a)	V.A. (%) (b)	H.A. (%) (a/b)	Q418 (c)	Q417 (d)	V.A. (%) (c)	V.A. (%) (d)	H.A. (%) (c/d)
Net sales revenue	2,591.7	2,264.5	100.0%	100.0%	14.4%	634.5	576.6	100.0%	100.0%	10.0%
Selling expenses	(168.8)	(146.9)	-6.5%	-6.5%	14.9%	(36.7)	(41.8)	-5.8%	-7.2%	-12.2%
General and administrative expenses	(93.9)	(88.3)	-3.6%	-3.9%	6.3%	(27.3)	(19.8)	-4.3%	-3.4%	37.9%
Technology and product development expenses	(80.0)	(83.4)	-3.1%	-3.7%	-4.1%	(22.8)	(21.4)	-3.6%	-3.7%	6.5%
Other operating income (expenses)	8.8	(2.2)	0.3%	-0.1%	500.0%	6.7	(12.6)	1.1%	-2.2%	-153.2%

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Operating income measured by the EBITDA

The table below shows the changes between the periods in the accounts that make up operating income:

EBITD/ 2017		Gross income	Other operating income (expenses)	<sup>1</sup> Gains/losses on net monetary position (Argentina IAS 29	Technology and product development expenses	Equity in the results of investees	Depreciation	General and administrative expenses	Selling expenses	EBITDA 2018
	401.8	61.4	11.0	24.8	3.4	0.3	(4.4)	(5.6)	(21.9)	466.9
EBITDA ma 17.7%	-									EBITDA margin 18.0%

EBITDA Q417	Other operating income (expenses)	<sup>1</sup> Gains/losses on net monetary position (Argentina IAS 29	Selling expenses	Technology and product development expenses	Depreciation	General and administrative expenses	Gross income	EBITDA Q418
82.7	19.3	22.4	5.1	(1.4)	(1.8)	(7.5)	(33.4)	86.

EBITDA margin 14.3% EBITDA margin 13.6%

#### Financial Management – Net financial result

Net financial result (R\$ million)	2018 (a)	2017 (b)	Var. (a - b)	Q418 (c)	Q417 (d)	Var. (c - d)
Interest income on financial investments	6.4	24.4	(18.0)	1.9	4.3	(2.4)
Interest on loans	(10.5)	(35.8)	25.3	(3.3)	(5.3)	2.0
Other income	1.0	4.9	(3.9)	4	0.3	(0.3)
Finance costs, net	(3.1)	(6.5)	3.4	(1.4)	(0.7)	(0.7)
Exchange variation, net	45.6	23.5	22.1	(3.0)	12.4	(15.4)
Gain (loss) on derivatives	(26.4)	(3.3)	(23.1)	6.2	(6.3)	12.5
Exchange variation and Result with derivatives (ii)	19.2	20.2	(1.0)	3.2	6.1	(2.9)
Monetary variation, net	(32.3)	(35.6)	3.3	(8.1)	(8.4)	0.3
Other	(5.4)	(6.5)	1.1	(0.6)	(1.4)	0.8
Monetary variation, net + Others (iii)	(37.7)	(42.1)	4.4	(8.7)	(9.8)	1.1
Finance income (costs) (i + ii + iii)	(21.6)	(28.4)	6.8	(6.9)	(4.4)	(2.5)
Interest rates and volumes (average)	2018 (a)	2017 (b)	Var. (a - b)	Q418 (c)	Q417 (d)	Var. (c - d)
Investment Yield <sup>1</sup>	6.3%	9.4%	-3,1 p.p.	6.2%	7.2%	-1,0 p.p.
Cost of debt	4.3%	8.5%	-4,2 p.p.	4.5%	6.8%	-2,3 p.p.
Investments - average (R\$ million)	123.8	293.8	-57.9%	121.8	233.8	-47.9%
Average debt (R\$ million)	(269.6)	(446.7)	-39.6%	(296.9)	(267.4)	11.0%

<sup>1</sup> Bank deposit certificates (CDBs) and repurchase agreements with average remuneration of 98.7% of the interbank deposit rate (CDI), invested exclusively with fist rate banks in Brazil.

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### Financial Management – Indebtedness (part I)

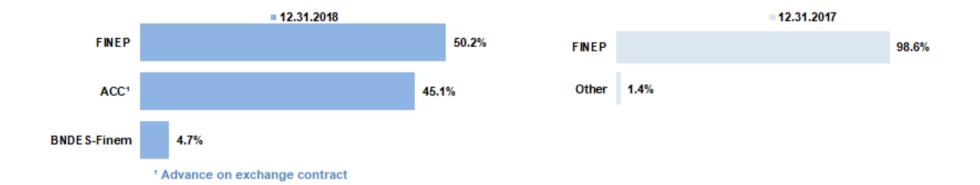
Net indebtedness (R\$ million)	12.31.2018 (a)	12.31.2017 (b)	Variation (a-b)	% Debt (a)	% Debt (b)
Liabilities (i)	291.6	176.0	115.6	100%	100%
Short-term	160.4	31.0	129.4	55%	18%
Long-term	131.2	145.0	(13.8)	45%	82%
Cash / banks / cash investments/ Loans - related parties (ii):	(138.3)	(190.0)	51.7		
Net position (i + ii)	153.3	(14.0)	167.3		

Below is presented the maturities of short-term and long-term indebtedness:



Financial Management – Indebtedness (part II)

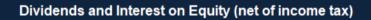
Below is a breakdown of the Company's financing transactions per type:

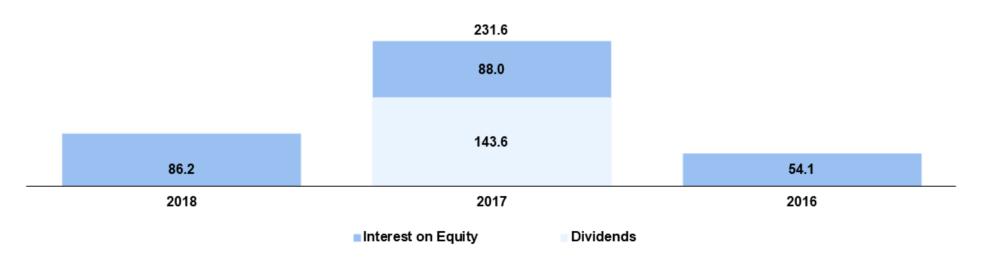


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#### Net Income & Benefits to Shareholders

Summary P&L (R\$ million)	2018 (a)	2017 (b)	V.A. (%) (a)	V.A. (%) (b)	H.A. (%) (a/b)	Q418 (c)	Q417 (d)	V.A. (%) (c)	V.A. (%) (d)	H.A. (%) (c/d)
Net sales revenue	2,591.7	2,264.5	100.0%	100.0%	14.4%	634.5	576.6	100.0%	100.0%	10.0%
Profit for the year	291.7	237.3	11.3%	10.5%	22.9%	67.9	43.5	10.7%	7.5%	56.1%





Capex & Depreciation



Capital expenditures estimated for 2019 total R\$ 127,0 million, which should exceed depreciation for the year.

CAPEX & Depreciation (R\$ million)	2018	2017
Capex	90.5	89.8
Total depreciation	89.6	94.6
Сарех	2018	2017
% of Net sales revenue	3.5%	4.0%
% of Depreciation	101.0%	94.9%

# MAHLE

### Earning Results Conference Call – Q4 and Full Year 2018



### **Questions & Answers**

#### **Investor Relations:**

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