

## Tire Uniformity Machine Type RGM-E

### Purpose and Application

The tire uniformity measuring machine from Hofmann is designed for the in-production quality control of finished car or light-truck tires.

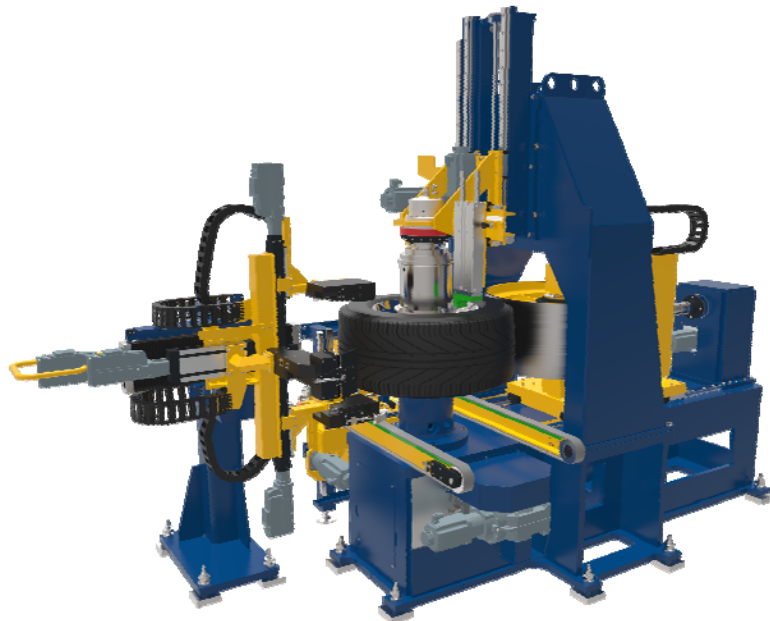
The Hofmann tire uniformity measuring machine is used for qualitative final inspections of the tires in the tire industry.

### Operating Mode

A comprehensive and fast quality statement is enabled by measuring the force fluctuations and static force reactions in radial and lateral direction on the rolling tire under load.

Simultaneously, geometric variables such as radial and axial runout deviations can be checked with appropriate equipment on the machine.

Optionally the tire uniformity measuring machine RGM can be equipped with a Hofmann geometry measuring system GEO-SLS.



The Hofmann Uniformity Machine can easily be equipped with the Hofmann TU-TB interface and grading software and can be connected with a Hofmann Balancing Machine to an Automatic Tire Grading Line.

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Machine type		RGM-E	RGM-L/SUV	RGM-G
tyre outer diameter	mm	540-900	550-1050	700-1500
tyre inner diameter	inch	13 - 24	14-26	16-25,5
max. radial force (by symmetric tire load)	N	10000	10000 / 18000	58000
autom. rim width adjustment range	inch	8	8	8
load wheel diameter	mm	854	854	854 / 1600
load wheel width	mm	400	400	500 / 600
tyre measuring pressure	bar	max. 4	max. 6	max. 8
tyre setting pressure	bar	max. 6	max.8	max. 10
<b>Electric</b>				
connecting power electrical supply	kVA	18 according to VDE standards	approx. 20 according to VDE standards	approx. 40 according to VDE standards
air consumption	Nm <sup>3</sup> /h	140	260	680
main dimensions		see installation plan	see installation plan	see installation plan

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Hofmann Product Line for Production, Quality Control, Research and Development

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Please contact us for further information.

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