



# TIRE UNIFORMITY MEASURING 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.



Type RGM-E

The Hofmann uniformity machine can easily be used with the Hofmann TU-TB interface and grading software and can be connected with a Hofmann balancing machine to an automatic tire grading line.



## Tire Industry



### MACHINE DATA

Machine Type		RGM-E	RGM-L/SUV	RGM-G
tire outer diameter	mm	540 – 900	550 – 1050	700 – 1500
tire inner diameter	inch N	13 – 24 10000	14 – 26 10000/18000	16 – 25,5 58000
max. radial force (by symmetric tire load) 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
tire measuring pressure	bar	max. 4	max. 6	max. 10
tire setting pressure	bar	max. 6	max. 8	max. 10
electric connecting power	kVA	18	approx. 20	approx. 40
electrical supply		according to VDE standards	according to VDE standards	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

### CONTACT US FOR FURTHER INFORMATION

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