



TIRE BALANCING MACHINE TYPE ARS

PURPOSE AND APPLICATION

The automatic dynamic two plane balancing machine from Hofmann is designed for measuring the dynamic and static imbalance of inflated passenger car, light truck and SUV tires.

OPERATING MODE

The ARS features split high-precision rims and an automatic 5 inch rim width adjustment. This rim width adjustment works automatically (test map-dependent) to ensure a high production volume.

The Hofmann balancing machine ARS is designed for fully automatic operation. Options like soaping, feeding, marking and sorting systems are available.

Optionally the Hofmann balancing machine ARS can be extended with our Hofmann sheet-of light laser geometry measuring system GEO-SLS.



Type ARS-25-R2

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



Tire Industry

MACHINE DATA



Machine type		ARS-25R2	ARS-LT
tire outer diameter	mm	540-900	700-1150
nominal tire diameter range	inch	13 - 24	17,5 - 24
tire width	mm	160-400	160-500
rim with adjustment	inch	5 (in 0,5 inch adjustment steps)	5 (in 0,5 inch adjustment steps)
rim with adjustment	inch	2,5 - 15 (with different rims)	2,5 - 15 (with different rims)
tire weight	kg	6 - 40	20 - 85
tire setting pressure	bar	5	6
tire inflation pressure	bar	15 - 4	4 - 6
balancing speed	rpm	400 - 600	ca. 400 - 600
cycle time depending on the tire size	s	21,5 ± 10 %	45 ± 10 %
power supply	V/Hz	400 / 50(60)	400 / 50
connecting power	kVa	ca. 35	ca. 42
machine design		according to CE regulations	according to CE regulations

CONTACT US FOR FURTHER INFORMATION

E-Mail: michael.hierse@hofmannmaschinen.com

Hofmann Maschinen- und Anlagenbau GmbH

Altrheinstraße 11 Tel.: +49 6242 904-160

67550 Worms Fax: +49 6242 904-286

Germany

www.hofmannmaschinen.com

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