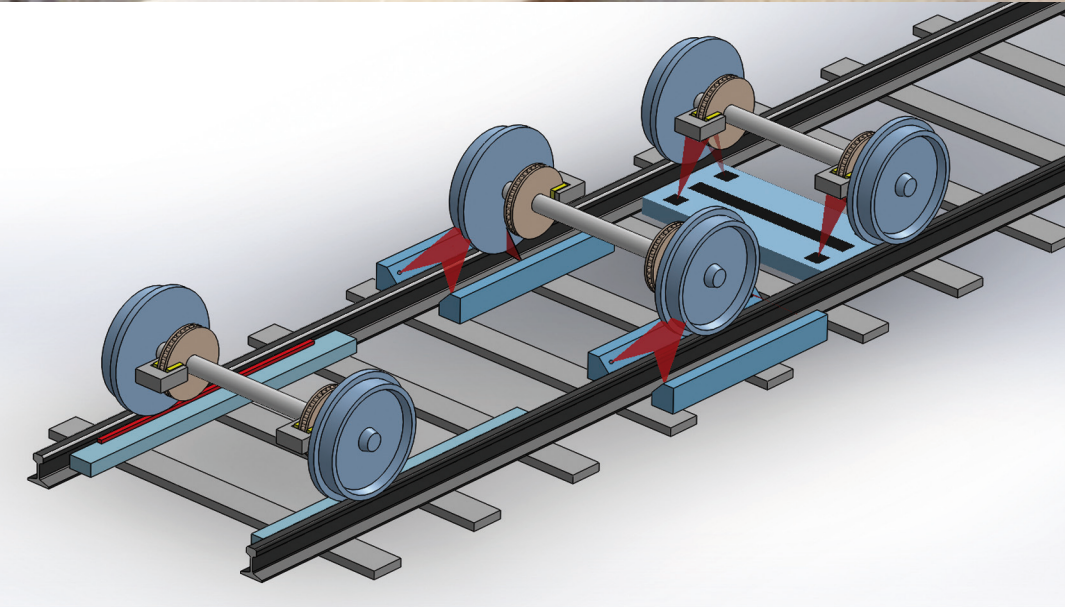


# measuring **WHEELS**

Wheel diagnostic and measuring equipments



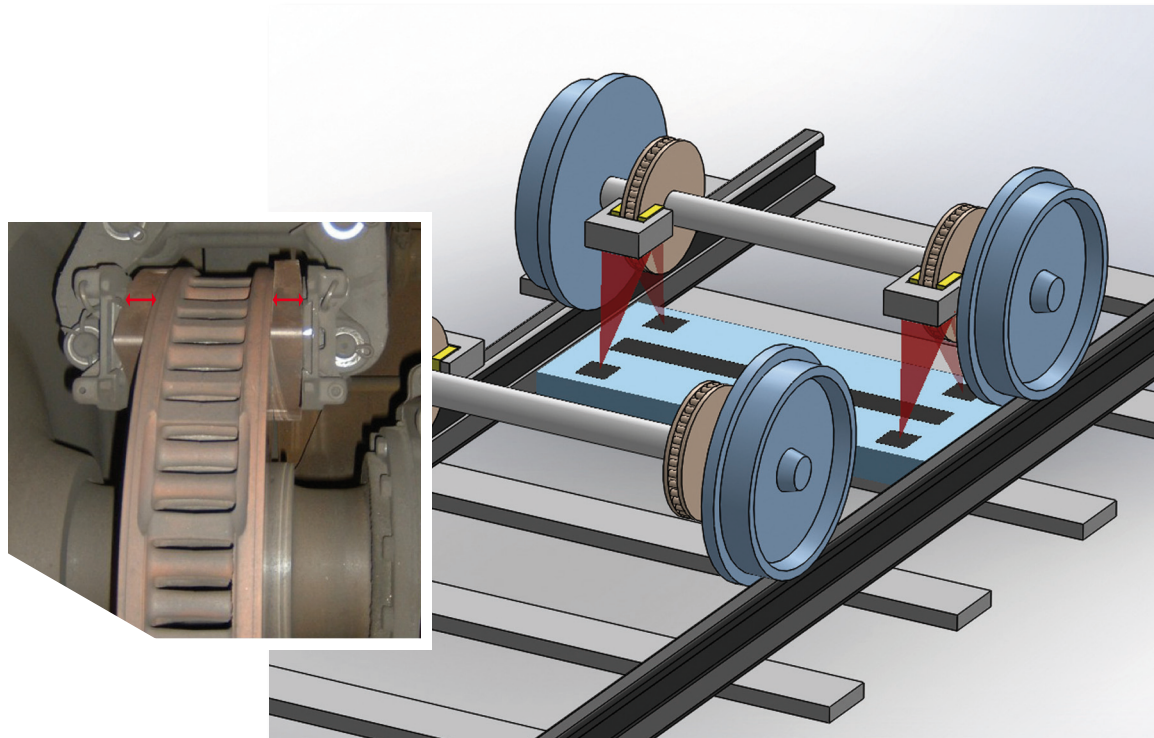
Diameter and Profile accuracy	
Module Diameter	
Measuring range diameter	600 – 1,300 mm
Required clearance	150 – 100 mm
Measuring accuracy of indicated value	(±) 0,8 mm
Resolution of diameter	0,1 digit
Module Profile	
Measuring range Flange height (Fh)	24 – 36 mm
Measuring reliability Fh indicated	(±)0,2 mm
Resolution of Fh	0,1 digit
Measuring range Flange thickness (Fth)	18 – 36 mm
Measuring reliability Fth indicated	(±)0,2 mm
Resolution of Fth	0,1 digit
Measuring range cross dimension (qR)	4,5 –13 mm
Measuring reliability qR indicated	(±) 0,4 mm
Resolution of qR	0,1 digit
Wheel Back-to-back - measuring reliability	(±) 0,4 mm

Roundness and Flat accuracy	
Module Roundness	
Range of heights of flange	25 – 45 mm
Measuring range	(difference of flange heights) 0,1 – 5,0 mm
Measuring reliability	(±) 0,2 mm
Resolution	0,1 digit
Flat spot - depths	
Measuring range	(difference of flange heights) 0,1 – 5,0 mm
Measuring reliability	(±) 0,2 mm
Resolution	0,1 digit

Crack detention accuracy	
Testing range	
Transversal cracks, length	> 10 mm
Rolled over transversal cracks, length	> 10 mm
Surface material defects, transversal length	> 10 mm
Crack depth	> 5,0 mm
Dispersion threshold	< 5%

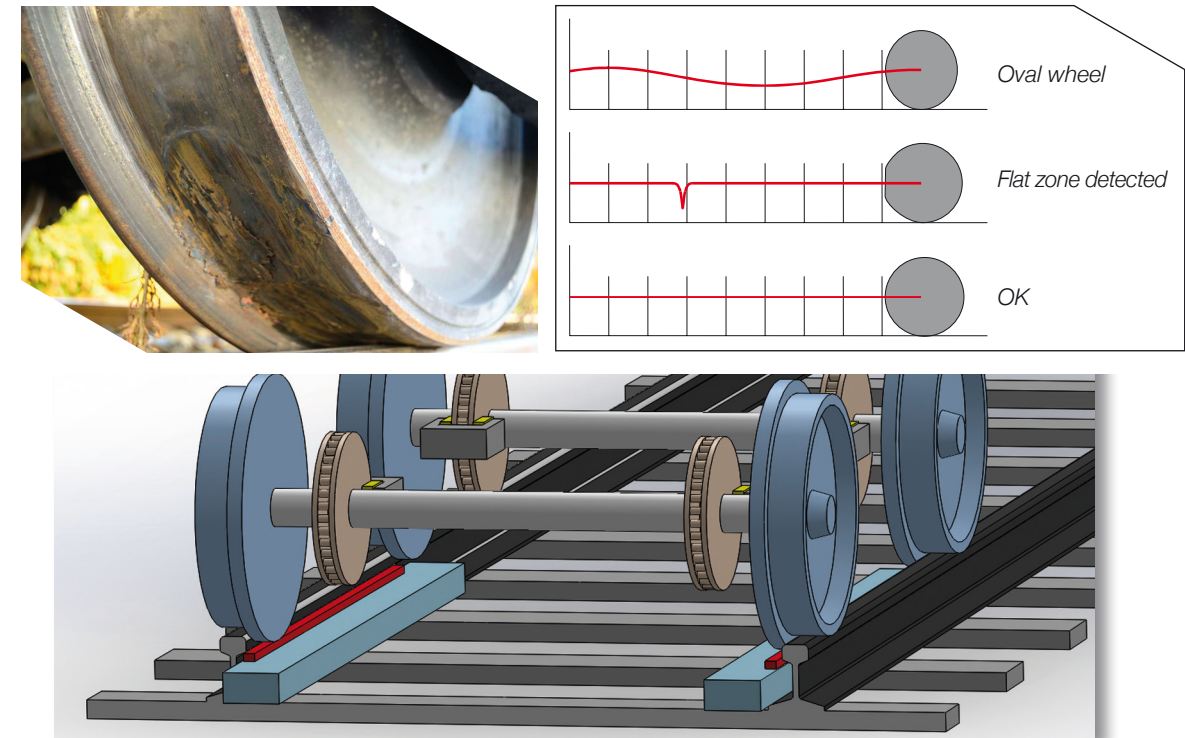


# Four solutions for checking your wheels



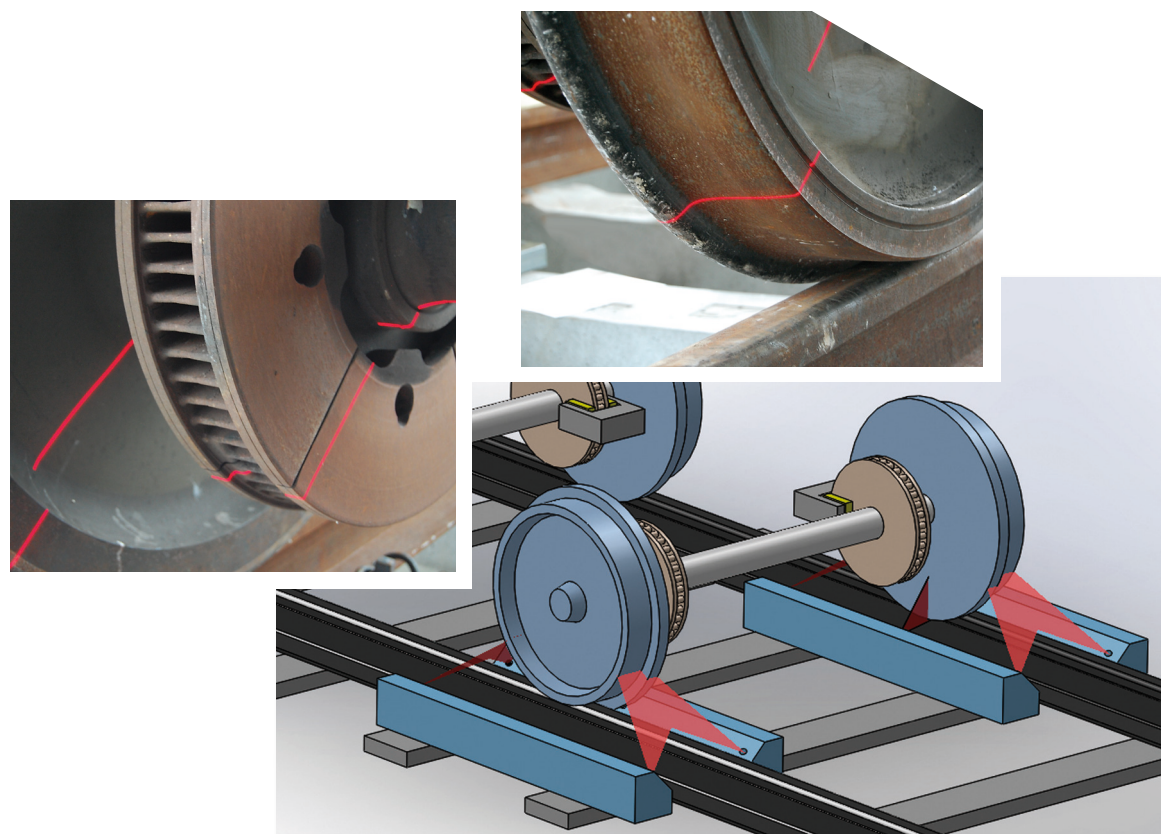
## Brake

Brake wear checking system



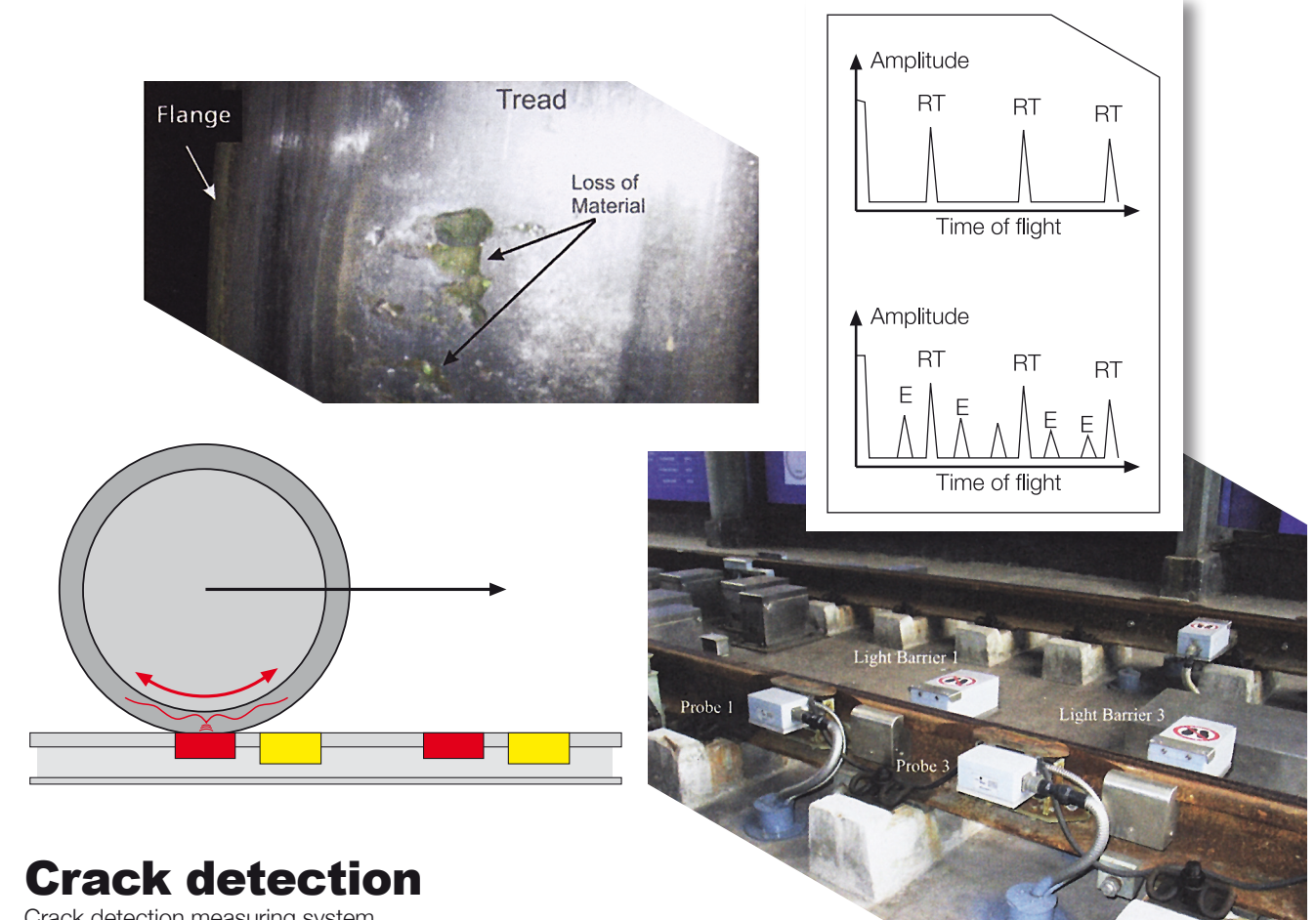
## Roundness & flats

Wheel Roundness & Flats Diagnostic



## Profile & diameter

Wheel Profile & Diameter measuring system



## Crack detection

Crack detection measuring system