



Exact balanced

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RATEC 1

Wheel balancing machine

RATEC 1 is particularly engineered for the application in the aluminium rim production. RATEC 1 features high-precision balancing accuracy. The automatic pneumatic fixture chuck provides high cycle times. Clamping inserts for rims with differing hub diameters are deliverable.

special features:

- Digital display of all measured values
- indication of static and dynamic unbalance
- automatic GOOD-indication
- start/stop-automatic
- self-check of the machine when switched on
- input of wheel-/rim dimensions possible in millimeter
- special pneumatic fixture chuck with clamping inserts for clamping in the central bore of the rim
- automated clamping of the rim by closing the protection cover
- unbalance compensation of the balancing spindle and clamping device possible
- due to the vertical balancing spindle the wheel is easily clamped and exactly centered so that the clamping device is preserved
- little space required

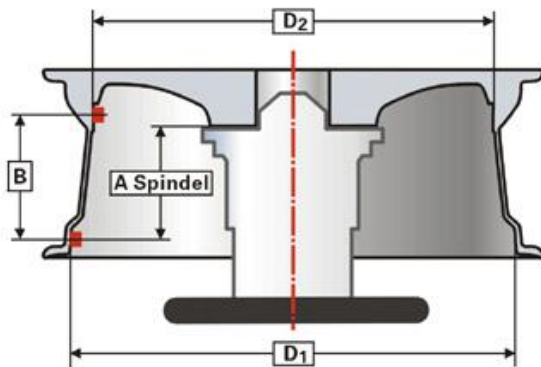
Technical data

rim width	3" – 12"
rim diameter	8" – 23"
wheel weight	80 kg
machine weight approx.	200 kg



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Input positions of the rim values



Wheel-/rim dimensions, input positions of the values D_1 , D_2 , B , A

Change possibilities of clamping device



clamping device **FIX-MATIC**



fixture chuck



clamping device **DUO-GRIP**



- display of results static/dynamic
- featuring indication of the unbalanced angle for both levels
- operator panel with start/stop switch
- a rotary control switch for entering the wheel-/rim dimensions