

# microtec 835/845

New, compact machines from Beissbarth  
for a cost-effective passenger-car wheel  
balancing service.



*The Wheel Safety Expert.*

**BEISSBARTH**<sup>®</sup>  
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Automotive Group

# microtec 835

## Entry-level models for commercial wheel balancing services: microtec 835 / 835.A.

### With electronic sensing arms for automatic wheel rim data detection on the MT 835.A.

They greatly speed up the work sequence: as soon as the sensing arms touch the wheel rim, the data (distance, width, diameter) are recorded electronically. When the wheel guard hoop is closed, the automatic measuring procedure starts. At the end, the wheel is braked and the imbalance data are memorised and can be seen on the display.



Standard on the MT 835.A:  
the electronic sensing arm  
measures wheel rim width.

Standard on the MT 835.A:  
the electronic sensing arm  
measures wheel rim distance  
and diameter.



Makes the work  
sequence easier  
on all models:  
the brake pedal  
prevents the  
machine shaft  
from turning.

Standard on the MT 835/835.A:  
the aluminium measuring gauge  
for concealed mounting of two-  
piece adhesive weights behind  
the wheel spokes.



# In all compact-class models: excellent basic technology.

## **Automatic stop-start with all imbalance data memorised.**

When the machine starts, the measuring sequence continues automatically until the wheel is braked to a halt. It takes under 3 seconds to determine the imbalance data, memorise them and display them on the control screen. Weight values appear on a double LED display, balance-weight positions are shown as LED arrows. The machine is set to the correct balancing program at a foil-covered keyboard – easily and quickly.

## **11 balancing methods: optimum results for all types of wheel.**

The microtec handles all types of wheel and indicates where the weights should best be attached. It has nine passenger-car balancing methods available, including programs for alloy wheels. Three of the programs are for concealed attachment of the outer adhesive weight on the inside of the rim, and there are also three special programs for concealed attachment of two-piece adhesive weights behind the wheel spokes. This range of programs simplifies balance-weight attachment in every situation.

**Standard: nine passenger-car and two motorcycle wheel balancing programs.**



## **Everything neatly arranged and easily visible: the control area.**

The microtec has a highly ergonomic control area for efficient day-to-day work. Everything you need is within easy reach: the foil-covered keyboard for machine settings, the balancing weights, the centring cones for wheel clamping and the weight securing pliers. Close to hand means time saved and more profitable results.

## **Standard: match program.**

Larger imbalance values can easily be reduced and optimised with the integral match program on these microtec models. Micro-processor controlled program steps on the double LED display guide the operator through the program.



In Germany the microtec is supplied with a standard centring flange that fits 90% of all wheels.

# microtec 845

High performance and easier balancing of alloy wheels with the microtec 845.AD / 845.ADP.



## The electronic easyfix® data arm for precise weight attachment on the MT 845.AD and 845.ADP.

Accurate attachment of concealed adhesive weights is so easy with the electronic easyfix® data arm. When it is placed against the desired balancing point on the wheel rim, the easyfix® data arm memorises both positions, either with a time delay or by operating a pedal, and confirms this with an acoustic signal. After the wheel has been turned to the balancing position following the measuring run, the easyfix® data arm containing the balance weight is simply moved to the previously memorised position. There is operator guidance for this via the colour monitor screen, and the easyfix® data arm locks into position when it reaches the correct point. The weight is then attached – and the job is done!

For even more convenient operation and precision centring: the MT 845.ADP has a standard pneumatic flange actuated by a pedal. For trouble-free operation, a moisture trap, an oil atomiser and a pressure reducer are installed.



On both models: the electronic easyfix® data arm makes it easy to attach concealed adhesive weights at precisely the correct point.



Standard on both models: electronic sensing arms for wheel rim distance, width and diameter.

# Model versions, equipment, technical data and accessories.

| Equipment specification   | 835 | 835.A | 845.AD | 845.ADP |
|---|-----|-------|--------|---------|
| Double LED display of weight value, with gram/ounce changeover  | ●   | ●     | ●      | ●       |
| LED weight position indicating arrows   | ●   | ●     | ●      | ●       |
| Foil-covered keyboard for data entries and function control   | ●   | ●     | ●      | ●       |
| Electronic sensing arms for wheel rim distance, width and diameter  | –   | ●     | ●      | ●       |
| Aluminium measuring gauge for concealed attachment of two-piece adhesive balance weights behind the wheel spokes  | ●   | ●     | –      | –       |
| Simple, accurate attachment of all concealed adhesive weights with electronic easyfix® data arm; electronic data arm locking when the correct balancing plane is reached  | –   | –     | ●      | ●       |
| Standard pneumatic centring flange with 3 cones, pedal operated; can easily be converted to pivot-pin flange for closed wheels, or to Probike flange for motorcycle wheels  | –   | –     | –      | ●       |
| Integral air supply maintenance unit with pressure reducer, moisture trap and oil atomiser  | –   | –     | –      | ●       |
| Automatic stop-start with menu-guided function keys   | ●   | ●     | ●      | ●       |
| Nine balancing programs for passenger-car wheels, including three for concealed attachment of the outer adhesive weight on the inside of the rim, and three special programs for the concealed attachment of two-piece adhesive weights behind the wheel spokes | ●   | ●     | ●      | ●       |
| Two balancing programs for motorcycle wheels: static for spoke-attached weights, dynamic for all alloy and pressed-steel wheels   | ●   | ●     | ●      | ●       |
| Pedal-operated brake to lock machine shaft when clamping wheel into position and attaching balance weights  | ●   | ●     | ●      | ●       |
| Integral match program with operator guidance   | ●   | ●     | ●      | ●       |
| Simplified machine maintenance with integral calibrating and self-diagnosis software, protected by password   | ●   | ●     | ●      | ●       |
| Wheel guard hood in new softline design, including electrical interlock for automatic start   | ●   | ●     | ●      | ●       |
| Retaining pins for clamping devices attached to side of machine   | ●   | ●     | ●      | ●       |
| <b>Technical data</b>   |     |       |        |         |
| Max. wheel weight, kg   | 65  | 65    | 70     | 70      |
| Wheel diameter 10" to 26"   | ●   | ●     | ●      | ●       |
| Rim width up to 20"   | ●   | ●     | ●      | ●       |
| Overall wheel diameter up to 900 mm   | ●   | ●     | ●      | ●       |
| Power supply 1 x 230 V, 50 Hz (for non-standard voltages, see alternative equipment versions)   | ●   | ●     | ●      | ●       |
| Compressed air supply pressure 8 – 11 bar   | –   | –     | –      | ●       |
| Wheel balancing speed, rpm  | 167 | 167   | 190    | 190     |
| Measuring time 3 seconds  | ●   | ●     | ●      | ●       |
| Dimensions (width x height x depth) 1300 x 1800 x 1250 mm   | ●   | ●     | ●      | ●       |
| Weight, kg  | 167 | 170   | 170    | 175     |
| Paint finish blue (RAL 5015), grey (RAL 7011)   | ●   | ●     | ●      | ●       |

## Accessories:



Universal flange with continuously adjustable pivot pin, for all open and closed wheels with 3, 4 or 5 stud holes (931 141 018).



Centring disc for passenger cars and light commercial vehicles, for accurate clamping of heavy wheels with 5x 100/ 108/ 112/ 114.3/ 120/ 127 mm pitch circles (931 141 017).



Motorcycle wheel flange for all standard wheels (931 141 053).



Spacing ring (40 mm with sleeve) for attaching extremely wide wheels with a high offset (931 143 062).

# microtec 835-845

The new compact machines  
for a cost-effective wheel  
balancing service.

Your specialist dealer:

#### Beissbarth Service:

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In Germany, initial product familiarisation, installation and servicing are carried out by our own national service centres and authorised partner workshops. This guarantees rapid on-site servicing and maintenance for our customers. In other countries, Beissbarth branches and over 70 sales partners are available to provide advice and assistance. Beissbarth – at your service around the world.

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Tel. 0061-3-94642533  
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Tel. 0044-115-9815151  
Tel. 0038-044-2512128

Beissbarth GmbH ● Hanauer Straße 101 ● D – 80993 München  
Phone + 49 - 89 - 1 49 01 - 0 ● Fax + 49 - 89 - 1 49 01 - 285 / - 240  
[www.beissbarth.com](http://www.beissbarth.com) ● Email: [sales@beissbarth.com](mailto:sales@beissbarth.com)

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