Heavy-duty wheels, easy to handle: Tire service devices for commercial vehicles
TCE 5335 / 5330 / 5320 / 5310: Top tire service for kingsizes

TCE 5335 / 5330: Jumbo size tire changer device
Comprehensive tire service for buses, commercial vehicles and special construction and agricultural vehicles. Tires with diameters up to 2,300 mm, widths up to 1,300 mm width and weights up to 1,400 kg can be processed with the TCE 5335 or 5330.

- Two speeds in both directions of rotation, radio remote control with the version TCE 5335 (with TCE 5330, remote control per cable)
- Integrated assembly trolley for simple positioning of the rim on the assembly claws
- Mounting lever and rim clamp complete the equipment supply

Highlights
- Large clamping range from 14" to 42" (extendable with special accessories up to 56")
- 6-fold clamping fixture for a firm grip of the tire and high torque transmission
- Fast and simple assembly thanks to the pneumatic change mechanism on the swing arm
- Faster changing of sides through a separate drive for the swing arm
- Valve-controlled clamping jaw pressure

<table>
<thead>
<tr>
<th>Device</th>
<th>Tension care</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCE 5335</td>
<td>3 x 400 V, 50/60 Hz</td>
<td>1 694 100 090</td>
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<tr>
<td></td>
<td>3 x 230 V, 50/60 Hz</td>
<td>1 694 100 124</td>
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<td>1 x 230 V, 50/60 Hz</td>
<td>1 694 100 125</td>
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<td>TCE 5330</td>
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<td>1 694 100 032</td>
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<td>3 x 230 V, 50/60 Hz</td>
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</table>

TCE 5320 / 5310: Also for tires as tall as a man
For tire service on buses, commercial vehicles and special construction and agricultural vehicles with manual change mechanism for the swing arm.
The TCE 5320 processes tires with a width of up to 1,300 mm, whereas the TCE 5310 can handle tires with a width of up to 910 mm. The hydraulic drive for lifting arm, assembly trolley and clamping device permits precise and comfortable work.

- Two speeds in both directions of rotation
- Control panel connected by cables
- Integrated assembly trolley for easier positioning of the rim on the assembly claws
- Mounting lever and rim clamp complete the equipment supply

Highlights
- Large clamping range from 14" to 42" (extendable with special accessories up to 56")
- 4-fold clamping fixture
- Faster change of sides through separate drive for swing arm with the TCE 5320. Manual change with the TCE 5310
- Valve-controlled clamping jaw pressure

<table>
<thead>
<tr>
<th>Device</th>
<th>Tension care</th>
<th>Order number</th>
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<tbody>
<tr>
<td>TCE 5320</td>
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<td>1 x 230 V, 50/60 Hz</td>
<td>1 694 100 076</td>
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<td>TCE 5310</td>
<td>3 x 400 V, 50/60 Hz</td>
<td>1 694 100 029</td>
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<td>3 x 230 V, 50/60 Hz</td>
<td>1 694 100 030</td>
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<tr>
<td></td>
<td>1 x 230 V, 50/60 Hz</td>
<td>1 694 100 031</td>
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</tbody>
</table>
**WBE 5210**: Universal wheel balancer for commercial vehicles and passenger cars

The automatic measuring process makes balancing easier than ever. WBE 5210 for wheels up to 200 kg, 1,200 mm diameter and 550 mm width.

**Highlights**
- Concealed weight distribution and optimization program for passenger car wheels
- Static and dynamic balancing, five light-alloy programs for passenger car tires and two programs for commercial vehicle tires
- Integrated pneumatic lift for effortless lifting of the wheels
- Extensive equipment supply for passenger car and commercial vehicle wheels: commercial vehicle basic clamping flange with wing nut, commercial vehicle standard flange, 2 spacer rings, 5 cones, wing nut, 4- and 5-arm star, centering pins and fastening screws

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### Technical Data

<table>
<thead>
<tr>
<th>Device</th>
<th>Tension care</th>
<th>Order number</th>
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<tbody>
<tr>
<td>TCE 5210</td>
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<td>1 694 100 026</td>
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<td>TCE 5210</td>
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<td>TCE 5210</td>
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<td>WBE 5210</td>
<td>1 x 230 V, 50 Hz</td>
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<tr>
<td>WBE 5210</td>
<td>1 x 230 V, 60 Hz</td>
<td>1 694 100 051</td>
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<tr>
<td>WBE 5210</td>
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**TCE 5210**: Ideal for commercial vehicle and bus service

The TCE 5210 allows you to perform tire service in the commercial vehicle and bus areas simply and safely. The working range is from a rim diameter of 14" to 26", tire diameter up to 1,640 mm and a tire width of up to 800 mm.

- Mobile control panel provides users with a great deal of freedom
- Integrated assembly trolley for simple positioning of the rim on the assembly claws
- Mounting lever and rim clamp complete the equipment supply

**Highlights**
- Clamping range 14" to 26"
- 4-fold clamping fixture with valve-controlled clamping jaw pressure
- One speed for both directions of rotation
Tire service for commercial vehicles:
Technical data and special accessories TCE

<table>
<thead>
<tr>
<th>Technical data</th>
<th>TCE 5335/5330</th>
<th>TCE 5320</th>
<th>TCE 5310</th>
<th>TCE 5210</th>
<th>WBE 5210</th>
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<tbody>
<tr>
<td>Rim diameter</td>
<td>14&quot; – 42&quot; ¹</td>
<td>14&quot; – 42&quot; ¹</td>
<td>14&quot; – 42&quot; ¹</td>
<td>14&quot; – 26&quot; ¹</td>
<td>6&quot; – 40&quot; ¹</td>
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<tr>
<td>Maximum wheel diameter</td>
<td>2,300 mm</td>
<td>2,300 mm</td>
<td>2,300 mm</td>
<td>1,640 mm</td>
<td>1,200 mm</td>
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<tr>
<td>Maximum wheel width</td>
<td>1,300 mm</td>
<td>1,300 mm</td>
<td>910 mm</td>
<td>800 mm</td>
<td>550 mm</td>
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<tr>
<td>Maximum rim width</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>24&quot;</td>
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<tr>
<td>Maximum wheel weight</td>
<td>1,400 kg</td>
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<td>1,200 kg</td>
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<td>200 kg</td>
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<tr>
<td>Air pressure connection</td>
<td>8 – 12 bar</td>
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<td>–</td>
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<td>8 – 12 bar</td>
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<tr>
<td>Balancing rpm truck passenger car</td>
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<td>–</td>
<td>–</td>
<td>–</td>
<td>200 (60 Hz) rpm</td>
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<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>&lt; 100 rpm</td>
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<tr>
<td>Weight</td>
<td>984 kg</td>
<td>947 kg</td>
<td>882 kg</td>
<td>593 kg</td>
<td>248 kg</td>
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<tr>
<td>Width</td>
<td>1,750 mm</td>
<td>1,750 mm</td>
<td>1,750 mm</td>
<td>1,400 mm</td>
<td>2,400 mm</td>
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<tr>
<td>Height</td>
<td>3,000 mm</td>
<td>3,000 mm</td>
<td>2,200 mm</td>
<td>2,200 mm</td>
<td>1,870 mm</td>
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<tr>
<td>Depth</td>
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<td>1,750 mm</td>
<td>1,750 mm</td>
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<td>1,245 mm</td>
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<td>Color</td>
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<td>RAL 6018</td>
<td>RAL 6018</td>
<td>RAL 6018</td>
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</tr>
</tbody>
</table>

¹ Optionally extendable up to 56"
Wheel balancing machines WBE:
Special accessories

Quick bolt kit for 3-, 4-, 5-hole flange
Order number 1 695 612 100

3 arm flange for light trucks
Order number 1 695 653 420

3-, 4-, 5-hole flange
Order number 1 695 654 043

Large diameter clamping hood
Order number 1 695 653 888

3 arm flange for light trucks
Order number 1 695 653 420

Large diameter clamping hood
Order number 1 695 653 888

Quick bolt kit for 3-, 4-, 5-hole flange
Order number 1 695 612 100

3 arm flange for light trucks
Order number 1 695 653 420

3-, 4-, 5-hole flange
Order number 1 695 654 043

Large diameter clamping hood
Order number 1 695 653 888

Quick Plate 4-holes with standard heads
Order number 1 695 655 295

Quick Plate 5-holes with standard heads
Order number 1 695 655 296

Quick Plate 6-holes with standard heads
Order number 1 695 655 297

Quick Plate 4-holes with standard heads
Order number 1 695 655 295

Quick Plate 5-holes with standard heads
Order number 1 695 655 296

Quick Plate 6-holes with standard heads
Order number 1 695 655 297

Rubber cup
Order number 1 695 624 800

Adaptor Fisher/Dayton
Order number 1 695 653 778

Four centering cone set (42 - 111.5 mm)
Order number 1 695 655 293

Set of Quick Plates (4-, 5- and 6-holes-plates)
Order number 1 695 655 294

Quick Plate 4-holes with standard heads
Order number 1 695 655 295

Quick Plate 5-holes with standard heads
Order number 1 695 655 296

Quick Plate 6-holes with standard heads
Order number 1 695 655 297

Quick Plate 4-holes with standard heads
Order number 1 695 655 295

Quick Plate 5-holes with standard heads
Order number 1 695 655 296

Quick Plate 6-holes with standard heads
Order number 1 695 655 297

Wall board QuickPlate
Order number 1 695 655 298

FixPlate world kit (4 Fix Plates, 10 Studs / 25 heads / 1 Wallboard)
Order number 1 695 655 299

FixPlate No. 1 - 4x98/4x100/4x101.6/4x108/4x114.3/7x150/4x170
(without studs and heads)
Order number 1 695 655 300

FixPlate No. 2 - 5x98/5x108/5x110/5x115/5x120.65/5x135/5x154.95
(without studs and heads)
Order number 1 695 655 301

FixPlate No. 3 - 5x100/5x120/5x114.3/5x120/5x127/5x130/5x139.7/5x150/5x165.1
(without studs and heads)
Order number 1 695 655 302
Wheel balancing machines WBE:
Special accessories

FixPlate No. 4 - 3x98/3x112/3x114.3/3x115/3x127/3x130/6x135/6x139.7/4x165.1 (without studs and heads)
Order number 1 695 655 303

Plug in stud for FixPlate without head
Order number 1 695 655 304

Wall board FixPlate
Order number 1 695 655 305

Head/short taper/Ø 24.5 mm/length head 38 mm/total length 90 mm
Order number 1 695 655 307

Head/short taper/Ø 24.5 mm/length head 48 mm/total length 100 mm
Order number 1 695 655 308

Head/rounded head/Ø 24.5 mm/length head 38 mm/total length 90 mm
Order number 1 695 655 309

Head/rounded head/Ø 24.5 mm/length head 48 mm/total length 100 mm
Order number 1 695 655 310

Head/Range-/Landrover/Ø 34 mm/length head 28 mm/total length 80 mm
Order number 1 695 655 311

Head/long taper/Ø 22.5 mm/length head 48 mm/total length 100 mm
Order number 1 695 655 312

Head/long taper/Ø 22.5 mm/length head 58 mm
Order number 1 695 655 313

Head/long taper/Ø 19 mm/length head 55.6 mm
Order number 1 695 655 314

Set of 4 flange adaptors, professional set with 5 sets of studs, colour-coded, 2 wall boards, wallchart and Off-Road spacer
Order number 1 695 635 100

Off-Road set with 2 flange plate adaptors, colour-coded, two sets of studs incl. 1 wall board, wallchart and Off-Road spacer
Order number 1 695 655 327

Light transport vehicle cone (88 - 132 mm)
Order number 1 695 653 449

Set of light truck cones (88 - 174 mm)
Order number 1 695 654 849
Wheel balancing machines WBE: Special accessories

- Centering cone (168.5 - 194.5 mm)
  Order number 1 695 655 757

- Distance ring with magnets for Off-Road cone from the back incl. Pins (40 mm)
  Order number 1 695 654 316

- Polyamid spacer (donut) for Off-Road (40 mm)
  Order number 1 695 654 895

- Special centering kits for GM/OPEL
  Order number 1 695 655 323

- Special centering kits for GM/OPEL Expert
  Order number 1 695 655 324

- Special centering kits for BMW
  Order number 1 695 655 325

- Special centering kits for Daimler/Smart
  Order number 1 695 655 326

- 4th cone
  Order number 1 695 606 300

- DuoExpert system (2 collets in a case 54-75 mm)
  Order number 1 695 656 698

- Side storage for special accessories and printer
  Order number 1 695 656 409

- Centering sleeve Ø 50 - 60/66/71 mm
  Order number 1 695 656 571

- Motorcycle Flange (standard)
  Order number 1 695 654 039

- Monolever wheels centering kit and shaft 19 mm
  Order number 1 695 654 060

- Flange case for passenger car
  Order number 1 695 656 570

- Flange case for truck
  Order number 1 695 656 569
Brake components and parts from Bosch for transporters and delivery vans
From 100 to 0 in a few seconds. If it’s safety and quality you want, there is no alternative. Braking systems from Bosch therefore meet all requirements and make no compromises.

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For over 125 years, Bosch innovations have been keeping vehicles on the road and getting people to and from their destinations while improving safety and peace of mind along the way.

Bosch Automotive Aftermarket offers workshops and retailers a comprehensive portfolio of products that is unmatched worldwide:
▶ Efficient diagnostics
▶ Innovative workshop equipment
▶ Quick, reliable delivery
▶ The world’s most comprehensive range of spare parts – including both new and remanufactured
▶ Workshop concepts to meet every requirement
▶ Comprehensive training
▶ Targeted sales and marketing support
▶ A competent service hotline
▶ 24-hour online workshop services
▶ Affordable leasing services for workshop equipment and software

From parts to scheduling, organization, and results, our solutions are combined with additional services to ensure your needs will be perfectly met, helping you to maximize your potential.

Workshop tip:
A professional commercial vehicle tire service must always include a brake check. Bosch offers a comprehensive brake program, also for transporters.

Robert Bosch GmbH
Automotive Aftermarket
Business Unit Diagnostics
73201 Plochingen
Germany
www.bosch-diagnostics.com