MS 900
Effortless & simple tire changing

- 30” automatic LEVERLESS tire changer
- Easy and precise locking system
- 2 laser pointers
- Unique tooling system
- Inverter solution
- Completely electromechanic
- Intuitive control panel
- Side lift
MS 900
Automatic Leverless Tire Changer

The new MS 900 is a 30” automatic leverless tire changer which guarantees a fast and effortless tire changing. Intuitive with high level of technology, this equipment makes the job simple as you’ve never experienced. The machine recognizes the dimension of the wheel by placing two laser pointers.

Completely electromechanic, all movements are driven by motor inverters to guarantee precision and reliability.

WDK approved*
Certified for RunFlat and UHP-tyres
Easy and effortless

Center post clamping system
- Easy and precise locking system
- Completely mechanical and easy maintainability
- Faster than any other automatic locking system
- Color code to identify the locking stage

Wheel set up through two laser pointers
- Intuitive color code system
- 2 independent set up buttons:
  - Green one to set wheel diameter
  - Red one to set the wheel width

Bead Breaker Disks
- Double arm bead breaker system
- The strongest. Market benchmark
- Inverter technology
- Hump shape pre-set
- Folding structure to save the wheel
User oriented design

**Side lift**
- Lifting capacity up to 80 kg
- Allows to work always in an ergonomic position without stressing the back
- Improves productivity

**Control panel**
Maximum user comfort in a single workstation which includes:

**Inflating control box**
- Pressure gauge
- Air supply and oiler
- Inflating hose

**Control console**
Joysticks, buttons and switches in an intuitive layout that follows the tire changing procedure

**Pedals**
- To control the rotation (motorinverter) and the inflating process
Performance details

Tooling system
Keep your tire and wheel safe.

- Leverless tire-bead extraction tool
- Drive-in lower tire-bead tool
- Assembly upper tire-bead tool

Bead pressing arm
- It supports the tire mounting
- It moves automatically in sleep mode

Led bar & mirror:
- For a better view on the operation of the lower bead
## Technical data

<table>
<thead>
<tr>
<th>Technical specification</th>
<th>MS 900</th>
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<tbody>
<tr>
<td>Power supply</td>
<td>230 V 1ph 50 – 60 Hz</td>
</tr>
<tr>
<td>Air supply pressure</td>
<td>8 – 10 Bar</td>
</tr>
<tr>
<td>Rim diameter clamping</td>
<td>12” – 30”</td>
</tr>
<tr>
<td>Max. Wheel diameter</td>
<td>1,200 mm (47”)</td>
</tr>
<tr>
<td>Wheel width</td>
<td>up to 16”</td>
</tr>
<tr>
<td>N. turntable speed</td>
<td>2 speed</td>
</tr>
<tr>
<td>Rotation speed</td>
<td>7 – 16 rpm</td>
</tr>
<tr>
<td>Bead breaking force</td>
<td>14,406 N</td>
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<tr>
<td>Bead breaking range</td>
<td>670 mm (26”)</td>
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<tr>
<td>Lift capacity</td>
<td>80 Kg</td>
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<tr>
<td>Unit weight</td>
<td>600 Kg</td>
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<tr>
<td>Unit dimensions (WxDxH)</td>
<td>1.880 x 1.850 x 1.750 mm</td>
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</tbody>
</table>

### Scope of delivery

- 1 x MS 900
- 2 x Centre locking protection
- 2 x Cones protection
- 2 x locking system pin protection
- 1 x Cone Ø70 mm
- 1 x Bead locking plier
- 3 x Rim protection kit
- 3 x Mounting tools protection
- 1 x Flange reduction
- 1 x Weight scraper
- 1 x Brush
- 1 x Grease pot holder
<table>
<thead>
<tr>
<th>Accessory</th>
<th>PN: 1 695 108 137</th>
<th>PN: 1 695 107 439</th>
<th>PN: 1 695 107 440</th>
<th>PN: 1 695 107 441</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blast inflating system</td>
<td>Wheel clamping adaptor kit for reverse mounted wheels</td>
<td>Light truck cone Ø 75 – 145 mm</td>
<td>Cone Ø 75 – 120 mm for steel rims</td>
<td></td>
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<tr>
<td>Light truck cone Ø 190 – 223 mm + spacer</td>
<td>PN: 1 695 000 289</td>
<td>PN: 1 695 103 302</td>
<td>PN: 1 695 107 444</td>
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<tr>
<td>Light truck cone Ø 110 – 190 mm + spacer</td>
<td>PN: 1 695 108 136</td>
<td>PN: 1 695 108 138</td>
<td>Site locking protection</td>
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<td>PN: 1 695 107 440</td>
<td>PN: 1 695 107 444</td>
<td>Cone Ø 70 mm</td>
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<tr>
<td>Light truck cone Ø 75 – 145 mm</td>
<td>PN: 1 695 107 441</td>
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<tr>
<td>Cone Lamborghini</td>
<td>Cone Porsche</td>
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<td>Cone BMW</td>
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<td>Wheel clamping adaptor kit for clad wheels</td>
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<tr>
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