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### Digima DC8520 Automatic Tyre Changer





### Main Tyre-Changer Image

Digima DC8520 automatic tyre changer for professional tyre changing in tyre-service workshops.

Automatic Tyre Changer



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### Digima DC8520 Automatic Tyre Changer

Professional 12"–24" Tyre Changer with Automatic Tilt-Back Column

**DC8520** is an automatic tyre changer for automotive tyres, designed for intensive work in tyre-service workshops. The automatic pneumatically tilting rear column provides convenience, speed and safety during tyre mounting and removal.

The machine features a robust hexagonal shaft with a diameter of **41 mm**, simultaneous operation of the horizontal and vertical assist arms, a mounting head with replaceable protective inserts, and a bead breaker with a force of **2100 kg**.

12-24

External Clamping Range

12"–24"

2100

Bead-Breaker Force

2100 kg

400V

Power Supply

400 V

1kW

Power

1 kW

**Automatic Tyre Changer for Everyday Service Work.**

The DC8520 combines a pneumatically tilting column, assist arm, bidirectional table rotation, 2100 kg bead breaker, mounting head with protective inserts and an independent inflation unit with pressure gauge and pressure-relief valve.

Listing Images

### Product Gallery



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Key Benefits

## Why Choose the DC8520 Tyre Changer?

TILT



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### **Tilt-Back Column**

The automatic column with pneumatic rear tilt increases convenience and speeds up wheel handling.

ARM

### **Assist Arm**

Simultaneous operation of the horizontal and vertical assist arms facilitates handling of more difficult tyres.

2100

### **2100 kg Bead Breaker**

The high-force bead breaker efficiently helps separate the tyre bead from the rim.

SAFE

### **Rim Protection**

The mounting head with replaceable protective inserts reduces the risk of rim damage.

Workshop Operation

### **Fast Tyre-Changing Process**

The DC8520 is designed for convenient, repeatable operation in tyre-service workshops. The tilt-back column, assist arm, bidirectional table rotation and independent inflation unit enable the full tyre mounting and removal process to be carried out efficiently.

1

### **Wheel Clamping**

The wheel is positioned on the working table, and the tyre-changer design enables stable work with the rim.

2

### **Tyre Removal and Mounting**

The assist arm and head with protective inserts facilitate handling of tyres requiring greater control.

3





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### **Inflation and Control**

The independent inflation unit with pressure gauge and pressure-relief valve allows wheel servicing to be completed conveniently.

#### Machine Features

### **Practical Solutions for Tyre Service**

The DC8520 includes features useful in daily workshop work: pneumatic column tilt, robust Ø41 mm hexagonal shaft, a head with protective inserts, bidirectional table rotation, pneumatic lifting system, and an air filter with regulator and lubricator.

Ø41

### **Hexagonal Shaft**

The robust 41 mm hexagonal shaft reinforces the construction and improves operating stability.

2WAY

### **Bidirectional Rotation**

The working table rotates clockwise and counter-clockwise, facilitating adaptation to the operator and tyre type.

AIR

### **Inflation Unit**

The independent inflation unit with pressure gauge and pressure-relief valve facilitates pressure monitoring.

FRL

### **Filter and Lubricator**

The air filter with regulator and lubricator supports correct pneumatic-system operation.

#### Applications

### **Where Is the DC8520 Suitable?**



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### Tyre Service Centres

- Daily tyre changing in a professional workshop.
- Handling steel and alloy rims.
- Work with wheels up to a maximum diameter of 1040 mm.

### More Difficult Tyres

- Support for stiffer tyres.
- Assist arm for greater operational control.
- 2100 kg bead breaker for efficient bead separation.

### High-Volume Workshops

- Automatic column for faster operation.
- Bidirectional table rotation.
- Pneumatic system with filter, regulator and lubricator.

### Specifications

#### Full Technical Specification

Model **DC8520**

Equipment Type **Automatic Tyre Changer**

Brand **Digima**

Manufacturer Code **DC8520**

EAN / GTIN **5908054751105**

Condition **New**

Power Supply **400 V / 3 phases**

Power **1 kW**

External Clamping Range **12"–24"**

Internal Clamping Range **10"–22"**

Maximum Wheel Diameter **1040 mm**

Maximum Wheel Width **3"–15"**

Bead-Breaker Force **2100 kg**

Operating Pressure **8–10 bar**

Column **Automatic column with pneumatic rear tilt**

Construction **Robust hexagonal shaft with a diameter of 41 mm**

Mounting Head **Mounting head with replaceable protective inserts for rim protection**

Assist Arm **Simultaneous operation of horizontal and vertical assist arms**

Table Rotation **Bidirectional table rotation – clockwise / counter-clockwise**

Pneumatic System **Pneumatic lifting system, air filter with regulator and lubricator**



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Inflation System **Independent inflation unit with pressure gauge and pressure-relief valve**

Safety **Guards for working components to improve operating safety**

Intended Use **Tyre-service workshops, tyre centres, steel and alloy rims**