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Digima DC8310 Semi-Automatic Tyre Changer





Main Tyre-Changer Image

Digima DC8310 semi-automatic tyre changer for professional tyre changing in tyre-service workshops.

Semi-Automatic Tyre Changer



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Digima DC8310 Semi-Automatic Tyre Changer

Professional 10"–22" Semi-Automatic Tyre Changer with Side-Swing Arm

DC8310 is a semi-automatic tyre changer for automotive tyres, designed for tyre-service workshops requiring reliability, precision and straightforward operation during daily workshop work.

The machine features a side-swing arm, a hexagonal shaft with a diameter of **36 mm**, mechanical locking and vertical adjustment of the mounting arm, a self-centering 4-jaw clamp and a pneumatic bead breaker with a force of **2700 kg**.

12-24

External Clamping Range

12"–24"

2700

Bead-Breaker Force

2700 kg

230V

Power Supply per Parameters

230 V

1.1

Power

1.1 kW

Semi-Automatic Tyre Changer for Everyday Service Work.

The DC8310 combines a side-swing arm, self-centering 4-jaw clamp, precise mounting head with protective inserts, powerful 2700 kg bead breaker, ergonomic pedal assembly and an air-preparation unit.

Listing Images

Product Gallery



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ZESTAW AKCESORIÓW

1 POJEMNIK NA FARBĘ



2 PĘDZEL DO FARBOWANIA



3 UCHWYT DO PISTOLETU



4 OSŁONA



5 PRĘT MIESZAJĄCY



Key Benefits

Why Choose the DC8310 Tyre Changer?

SIDE



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Side-Swing Arm

The swing-horizontal-arm design saves space and allows the working position to be changed quickly.

4SZ

4-Jaw Clamp

The four-jaw clamp with dual pneumatic cylinders provides secure and centered rim clamping.

2700

2700 kg Bead Breaker

The 2.7-tonne pneumatic bead breaker efficiently separates the tyre from the rim.

SAFE

Rim Protection

The head with plastic inserts and protective guards reduces the risk of scratching alloy rims.

Workshop Operation

Fast Tyre-Changing Process

The DC8310 is prepared for convenient operation in tyre-service workshops. The self-centering clamp, mechanical arm lock, vertical head adjustment and powerful bead breaker enable efficient tyre mounting and removal.

1

Wheel Clamping

The self-centering 4-jaw clamp securely holds the rim and eliminates wheel-positioning errors on the table.

2

Mounting-Head Adjustment

Mechanical locking and vertical arm adjustment allow the head to be positioned relative to the rim edge.

3



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Tyre Removal and Mounting

The precise mounting head and 2700 kg bead breaker support fast handling of tyres with stiff beads.

Machine Features

Practical Solutions for Tyre Service

The DC8310 includes solutions useful in daily workshop work: side-swing arm, 36 mm hexagonal shaft, mechanical arm lock, precision stainless-steel mounting head, pull-out pedal drawer and an air-preparation unit with regulator, water filter and lubricator.

Ø36

Hexagonal Shaft

The 36 mm hexagonal shaft ensures system rigidity during removal of tyres with stiff beads.

LOCK

Mechanical Lock

Mechanical arm locking helps maintain stable head positioning relative to the rim.

FRL

Air-Preparation Unit

The lubricator, pressure regulator and water filter extend the service life of pneumatic components.

PED

Pull-Out Pedal Drawer

The ergonomic pedal assembly facilitates service access and maintenance of control valves.

Applications

Where Is the DC8310 Suitable?

Tyre Service Centres

- Daily tyre changing in a professional workshop.
- Handling steel and alloy rims.



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- Working with wheels up to a maximum diameter of 1040 mm.

Passenger Cars

- Servicing standard passenger-car wheels.
- External clamping range 12"–24".
- Internal clamping range 10"–22".

Light Commercial Vehicles

- Support for workshops servicing various vehicle types.
- 1.1 kW motor for smooth table operation.
- 2700 kg bead breaker for stiffer tyre beads.

Specifications

Full Technical Specification

Model **DC8310**

Equipment Type **Semi-Automatic Tyre Changer**

Brand **Digima**

Manufacturer Code **DC8310**

EAN / GTIN **5908054751082**

Condition **New**

Power Supply **230 V in Allegro parameters / 400 V / 50 Hz / 1PH in the technical description**

Motor Power **1.1 kW**

External Clamping Range **12"–24"**

Internal Clamping Range **10"–22"**

Maximum Wheel Diameter **1040 mm according to the technical description / 21" in Allegro parameters**

Maximum Wheel Width **3"–15" according to the technical description / 960 mm in Allegro parameters**

Bead-Breaking Force **2700 kg**

Operating Pressure **8–10 bar**

Arm Design **Side-swing arm — swing horizontal arm**

Shaft / Spindle **36 mm hexagonal shaft**

Arm Locking **Mechanical locking and vertical adjustment of the mounting arm**

Wheel Clamp **Self-centering 4-jaw clamp with dual pneumatic cylinders**

Mounting Head **Stainless-steel head with replaceable plastic inserts**

Bead Breaker **Pneumatic bead breaker with 2.7-tonne pressing force**

Pedal Assembly **Pull-out pedal drawer — quick service access**

Air-Preparation Unit **Lubricator, pressure regulator with water filter / moisture separator**

Condition and Equipment **Mounting lever, mounting-paste container, brush, jaw covers, bead-breaker guard, head inserts**



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Intended Use **Tyre-service workshops, automotive service centres, passenger cars and light commercial vehicles**