

DQN

DU QUESNE

BELGIAN MANUFACTURER SINCE 1929

SPECIFICATIONS:

Length: 104/133 cm - Width: 77/105 cm
Height: 148/190 cm
Weight: 237 kg
Three-phase motor: 0,95kW
- 230/400V - 50Hz
Air pressure bead breaker : 8 - 15 bar
Working area: 180 cm x 150 cm
Standard color : red RAL 3020

SIZE APPLICABLE:

Cars, delivery vans and
Motorcycle tyres from 10" tot 23" (26")
Maximum diameter: 96 cm
Maximum width: 32,5 cm (* 36 cm)
Width of the rim from 2" to 12" (* 13")
* at the beadbreaker

STANDARD EQUIPMENT:

Tyre-lever
Tyre-inflator with calibrated air gauge
RF-arm for low-profile and Runflat tyres
Trident and rubber flex
Synthetic claw covers
Synthetic rim-edge protector
Mounting paste and brush

OPTIONS:

+3" Claws
Other RAL colors
Other current or single-phase motor :
Special adaptations on request
Airgun: tubeless tyre inflator

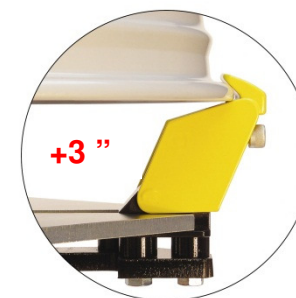
The linear bead-breaker, the electromechanical turntable, the inflexible parallel tilting column, the RF-arm and the trident are the main patented assets of the *Opti-fit* .



Opti-fit

For tyres from 10" to 23" or 26"

- Passenger cars
- Delivery vans
- Motorcycles



Extremely suited for

- Runflat-tyres
- Low-profile tyres

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Opti-fit

1. The **LINEAR BEAD-BREAKER** with telescopic pre-adjustment of the pressure plate is designed to prevent any damage either to the rim or to the tyre. Its power even makes it unnecessary to deflate small tubeless tyres before the bead breaking.

2. The racked **ELECTROMECHANICAL TURNTABLE** ensures perfect, non pneumatic clamping at the outside of the rim. This system automatically centers the wheel on the turntable.

3. The **INFLEXIBLE PARALLEL TILTING COLUMN** allows an instantaneous vertical and horizontal adjustment of the demounting shoe and the guide shoe. Therefore they will not touch the rim during demounting or mounting. The design of these tools also allows the de-mounting of tyres on rims with convex flanges.

4. **EFFORTLESS DEMOUNTING** of low-profile or Runflat-tyres with the combined use of the RF-arm and the rubber flex. The upper bead is pushed into the rim base with the RF-arm and the rubber flex is slid between rim and tyre while the turntable rotates. The upper bead can now be lifted with the tyre-lever without effort.

5. The lower bead of the tyre is then easily lifted with the **RF-arm**, picked up by the tyre-lever and pulled over the demounting shoe. In this position the lower bead is easily released from the rim by the rotating table.

6. **SMOOTH MOUNTING** of the most rigid tyres through combined use of the RF-arm and the TRIDENT. The TRIDENT is slid under the rim edge while pushing down the upper bead with the helping arm.

Then, as the wheel rotates, the TRIDENT automatically fastens itself into position and the bead is guided - without other intervention - into the rim base, no matter the resistance of the tyre. On tough, low profile or Runflat tyres, the result is amazing.

