



- 30" center post tyre changer
- G-Frame rigidity
- Simple and reliable
- Side Lift NG
- Tyre leverless system
- Ergo Control
- Helper Device

# FALCO EVO 630

BEST IN CLASS FOR TYRE SPECIALISTS

# PRODUCT AT A GLANCE

## Tyre leverless system (TLL)

- Without any efforts
- Easy access of the tool
- Perfect bead extraction

## Side storage

- Storage for tools, valves ...

## Inflating tubeless

- Faster bead seating of the tire on the rim

## Central clamping

- Maximum wheel protection
- Faster and easier locking process with less efforts

## Turning pedal

- Wheel rotation control
- Proportional control of turntable speed/force

## Scope of delivery

- Machine offered with a full complete scope of delivery

## Helper arm

- Separate movements of tools
- Precise control
- Press and/or release where needed

## Double rollers function

- Possibility to work with all wheel size
- Faster positioning
- Memory ring to save time and to have the arm always in position

## Bead breaker: Ergo control (patent pending)

- Fast & Easy To Use
- Safety
- Ergonomic
- Full Control
- Protection for tire/rim

## Side Lift

- Ergonomic
- Time saving being in right position
- Lifting capacity up to 80 kg
- Integrated roller board



# FALCO EVO 630 CENTER POST TYRE CHANGER

The FALCO EVO 630 is a 30" tyre changer for high volume workshops and offers all features and user benefits with maximum comfort to perform the perfect and effortless tyre changing. Equipped with center post clamping system for a faster and easier locking system can handle large wheel sizes max 15" and wheel diameter up to 1.200 mm without using any kind of spacers thanks to the NEW Tecnoroller NG 2 equipped with double horizontal arms.

The G-Frame structure of the FALCO EVO 630 provides a stable and functional design increasing the rigidity of the tyre changer and the Ergo Control hand bead breaking system with the Side Lift NG allows the user to work always in ergonomic position and safety condition. The integrated inverter solution offers a proportional electronic control of the turntable speed. Additionally the TLL leverless system offers the perfect bead extraction which leads to a faster and easier demounting process.

## G-FRAME

### **G-FRAME FOR STABILITY, SAFE AND INNOVATIVE, FUNCTIONAL DESIGN**

The mounting head always remains at a safe distance from the rim to prevent damage on tyre changing.

- G-Frame design standard
- Increase the rigidity of the machine shortening the flow of the forces inside the machine
- Make the machine as much rigid as possible
- Mounting column with extra-wide diameter (140 x 140 mm) and pneumatic locking system



## CENTER POST

### **CENTER POST CLAMPING SYSTEM:**

- To prevent possible rim/tire damages too
- Faster and Easier locking process with less efforts
- Smart arm locking system



# ERGO CONTROL (PATENT PENDING)

## REVOLUTIONARY BEAD BREAKER SYSTEM

Ergo Control is a hand bead breaker system that allows you to execute the operation of tyre-beading always in an ergonomic working position, reducing the time with less effort while always being in a safe position.

**Ergonomic working position:** you stand in front of the wheel, not in front of the pedals.

**Increase of safety:** the use of the bead breaker lever (patented) guards the operator's arm.

**Protection of wheel/rim and TPMS:** the control by using the lever gives the operator a maximum of sensitivity.

**Intuitive, easy to use:** the movement of the blade can be driven by only a finger



# HELPER DEVICE

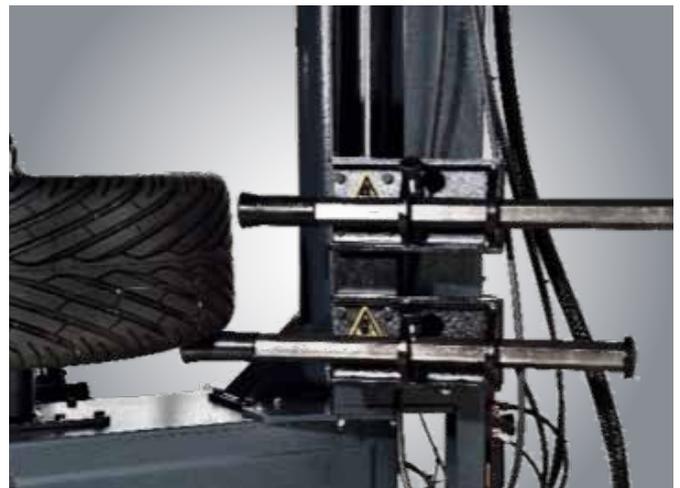
## SEPARATE MOVEMENTS OF TOOLS

- Precise control
- Press and/or release where needed

## Follower arm as standard

## Control switches easily & ergonomically accessible Double horizontal arm:

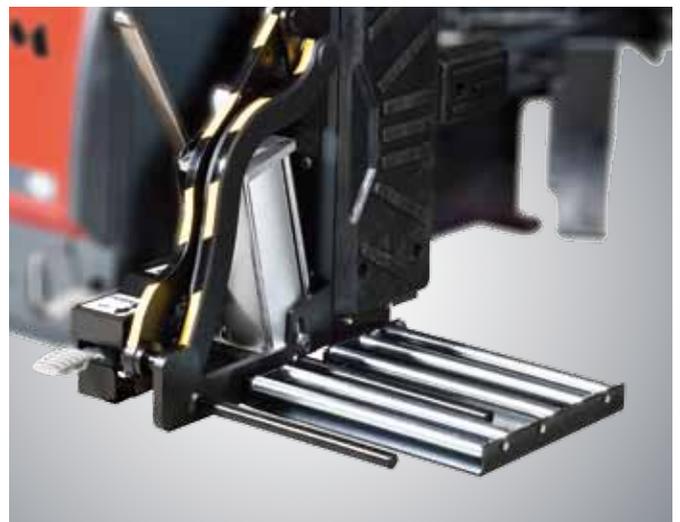
- Possibility to work with all wheel size
- Faster positioning, no necessity of spacers
- Push & lift the second bead
- Memory ring to save time and to have the arm always in position



# SIDE LIFT NG

## SIDE LIFT NG - SIMPLE AND EASY TO USE

All new tyre changer platforms can be upgraded with the Side Lift NG which allows the operator to always work in an ergonomic position. The Side Lift NG is mounted on the right side of the machine next to the bead breaker which allows for improved productivity. The Lift is also equipped with an integrated roller board which leads to an easier and faster bead breaking operation.



# TYRE LEVERLESS SYSTEM ("TLL")

Movement of the TLL Levelless system allows to perfectly follow the rim profile making easier the access of the tool and allowing perfect bead extraction (WDK approved).



## TECHNICAL DATA

MODELS	INFLATING TECHNOLOGY (IT)
FALCO EVO 630	
FALCO EVO 630 IT	•

### FALCO EVO 630 – Technical data

RANGE OF APPLICATION	FALCO EVO 630
Main connections	1 Ph – 230 V 50 Hz
Rim Diameter	13" – 30"
Rim width	Up to 15"
Max. wheel diameter	1200 mm
Air connection	8 – 10 bar
N. turntable speed	2 speed
Speed of rotation	7 – 15 rpm
Bead breaker range	75 – 401 mm / Ergo Control
Bead breaking force	11000 N

### SCOPE OF DELIVERY

- 1x Lubricant brush
- 1x TLL protection kit
- 1x Wing side protection kit for TLL
- 1x Bead breaker plastic protection
- 1x Bead pressing device
- Helper device with double Horizontal arm
- Ergo Control
- Boost inflating system
- Side lift NG
- 2 x Center locking protection
- 2 x Cone protection tool locking system
- 2 x Pin protection locking system
- 1 x Cone Ø70 mm
- 2 x Memory ring for horizontal arms

# ACCESSORY



**PN: 1 695 102 584**

Storage kit



**PN: 1 695 101 372**

External IT kit



**PN: 1 695 107 439**

Wheel clamping adaptor kit for reverse mounted wheels



**PN: 1 695 107 440**

Light truck cone  $\varnothing$  75 – 145 mm



**PN: 1 695 107 441**

Cone  $\varnothing$  75 – 120 mm for steel rims



**PN: 1 695 107 442**

Light truck cone  $\varnothing$  190 – 223 mm + spacer



**PN: 1 695 103 302**

Bead locking plier



**PN: 1 695 107 444**

Centre locking protection



**PN: 1 695 000 289**

Cone  $\varnothing$  70 mm



**PN: 1 695 108 136**

Light truck cone  $\varnothing$  110 – 190 mm + spacer



**PN: 1 695 108 138**

Cone Lamborghini



**PN: 1 695 108 139**

Cone Porsche



**PN: 1 695 108 140**

Cone BMW



Sicam S.r.l. Società Unipersonale  
A Bosch Group Company  
Via G. Corradini | 42015 Correggio RE Italy  
Tel. +39 0522 643-311 | Fax +39 0522 637-760  
E-mail: [sales@sicam.it](mailto:sales@sicam.it) | [www.sicam.it](http://www.sicam.it)