

24" and 28" external clamping
G-Frame rigidity
Revolutionary bead breaker system Ergo Control
Side Lift NG

FALCO EVO 624 – 628

TILTING BACK TYRE CHANGERS

Image shown above is indicative only.

FALCO EVO 624 & FALCO EVO 628

Falco EVO 624 and 628 are pneumatic tilting back pole passenger car tyre changers that allow to work with car, light commercial vehicle and motorcycle tyres (with special accessories).

The 624 model is equipped with 24" turntable (external clamping), while 628 is equipped with 28" turntable. Both have been designed for high wheel service volume workshops and tyre specialists.

The extreme rigidity of the structure and the reduction of flexion of the operating arm, characterized by the use of the G-frame concept, make them a market benchmark for robustness and solidity even with UHP and RFT tyres.

Both models can be provided with standard bead breaker Ergo Control function. Motor Inverter drive system guarantees the best combination of power and speed needed for an effective service.

The Falco EVO 628 is supplied as standard with a pneumatic positioning of the mounting tool. The Tecnoroller NG and the Side Lift NG makes the work with UHP and RFT tyres easier and faster.

MODELS:

- With and without tyre inflation assistance system through jaws (IT)
- With and without Ergo Control (patent pending)
- With and without tyre leverless system (TLL)
- With and without Tecnoroller NG (only 624 model)
- Two drive motors available (1 Ph/3 Ph)

MODELLE

	Motor 1 *	Motor 2 **	Tecnoroller NG	Inflation Technology IT	Ergo Control	TLL
EVO 624	•	•				
EVO 624 IT	•	•		•		
EVO 624 V1	•	•	•			
EVO 624 IT V1	•	•	•	•		
EVO 624 V5	•	•			•	
EVO 624 IT V5	•	•		•	•	
EVO 624 V6	•	•	•		•	
EVO 624 IT V6	•	•	•	•	•	
EVO 624 V8	•	•	•		•	•
EVO 624 IT V8	•	•	•	•	•	•
EVO 628 V1	•	•	•			
EVO 628 IT V1	•	•	•	•		
EVO 628 V6	•	•	•		•	
EVO 628 IT V6	•	•	•	•	•	
EVO 628 V8	•	•	•		•	•
EVO 628 IT V8	•	•	•	•	•	•

* Standard motor 3 phase
** Single phase motor equipped with inverter

ERGO CONTROL

(PATENT PENDING)

REVOLUTIONARY BEAD BREAKER SYSTEM

Ergo Control (patent pending) 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.

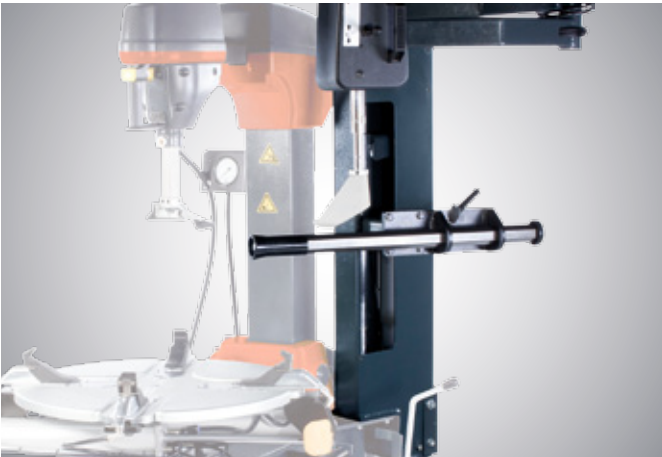
Protection of wheel/rim and TPMS: the control by using the lever gives the operator a maximum of sensitivity.

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



TECNOROLLER NG

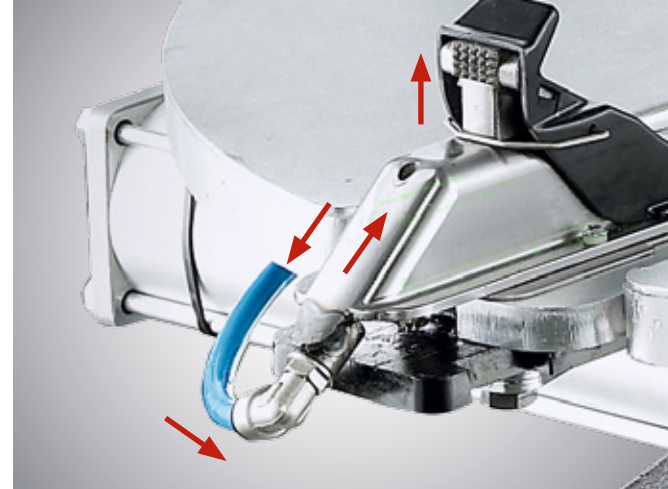
TECNOROLLER NG is a pneumatic device to assist during mounting and demounting operations of any type of passenger car and light commercial vehicle tyre. It is especially recommended to mount and demount UHP and RFT tyres. It is designed to offer a **great user experience**, control switches are accessible from any working position and the high positioning of the follower arm facilitates all operations on the tyre bead.



IT & TLL

IT – INFLATION TECHNOLOGY

- Tyre inflation and blast of air are controlled by pedal
- Tyre inflation assistance system through the jaws, which thanks to the new design, guarantees higher air jet power



TLL – TYRE LEVERLESS SYSTEM

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.



G-FRAME & SIDE LIFT NG

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
- Mounting head with automatic clearance function
- Mounting arm with rigid hexagonal profile
- Mounting column with extra-wide diameter (140 x 140 mm) and pneumatic locking system



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.



ADVANTAGES

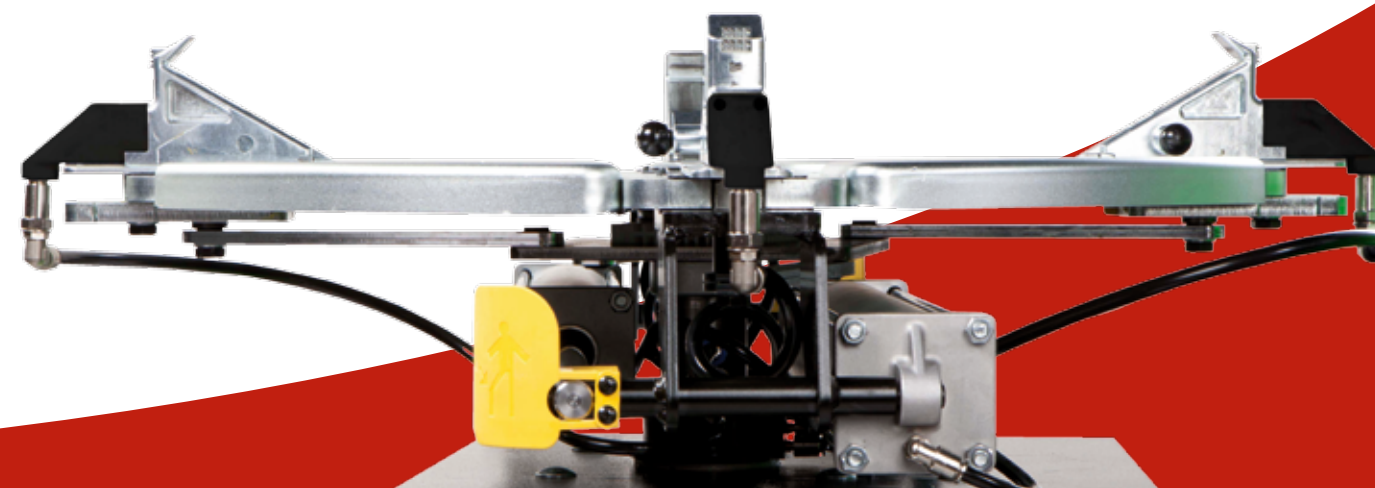
CONVENIENT TYRE CHANGING

- Self-centring four-jaw chuck
- Save time, no need to remove plastic jaws protection for steel rims inside clamping thanks to their new design
- 100 mm diameter of mounting column cylinder guarantees column and mounting head stability
- Optimised storage/holder for bead lever
- Universal, flexible adjustment of the lubricant ring shaped holder, one fits for all



REDUCED EFFORT FOR THE OPERATOR – INCREASED SAFETY AND SPEED!

- Be flexible and optimize your job. Save time thanks to 40% faster bead breaking cylinder
- Cushioned cylinder for rapid but smooth movement, of the vertical tilting back pole, at the end of the stroke
- Time saving tyre inflation, 25% faster than other comparable brands. Now easier to reach double-scale pressure gauge (bar/psi) on the side of the pole
- Fast clamping thanks to the new self centring table top with more robust desing and inch scale laser printed
- Bright yellow warning and knee protection safety signs at turntable cylinders ("yellow fin")
- By a simple movement it is possible to reach the max. turntable working range
- Special treatment to protect the turntable from dust and rust. Clean has never been so easy! (patent pending)



PRODUCT AT A GLANCE

Outstanding stability with G-Frame

Without any efforts
Pneumatic positioning and locking of the mounting head

Fast clamping
thanks to the new self centring table top with more robust design

Speedy
The two-speed turntable is easily operated using a pedal

User-friendly
Control switches are placed to be accessible from any working area

Tecnoroller NG

Extreme precision
The horizontal arm and the follower arm, allow a precise and smooth control in the whole process

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

NEW revolutionary Ergo Control* (patent pending): bead breaking with your fingertips – full control and comfort.

FALCO EVO 624

- Suitable for wheels up to 1200 mm
- Up to 24" outside rim clamping
- Up to 12,5" rim width

FALCO EVO 628

- Suitable for wheels up to 1200 mm
- Up to 28" outside rim clamping
- Up to 15" rim width

TECHNICAL DATA

	FALCO EVO 624	FALCO EVO 628
Max. wheel diameter	up to 1200 mm	up to 1200 mm
Outside rim clamping	10" – 24"	12" – 28"
Inside rim clamping	12" – 28"	13" – 32"
Rim width	3" – 12,5" 4" – 15" (V8)	3" – 15" 4" – 15" (V8)
Bead breaker range	70 – 397 mm	70 – 397 mm
Air connection	8 – 10 bar	8 – 10 bar
Dimensions (WxHxD)	1380 x 2110 x 1840 mm 1450 x 2295 x 2010 mm (V8)	1450 x 2350 x 2010 mm 1450 x 2295 x 2060 mm (V8)
Net weight	317 kg; 385 kg (V8)	360 kg; 385 kg (V8)
Bead breaking force	11500 N	11500 N
MOTOR VERSION 1		
Main connections	3 Ph – 400 V 50 Hz	3 Ph – 400 V 50 Hz
Absorption	8 – 10,5 A	8 – 10,5 A
Speed of rotation	(two-speed) 7/15 RPM	(two-speed) 7/15 RPM
MOTOR VERSION 2 WITH FREQUENCY CONVERTER		
Main connections	1 Ph – 230 V (50 – 60 Hz)	1 Ph – 230 V (50 – 60 Hz)
Absorption	23 – 24 A	23 – 24 A
Speed of rotation	(torque control) 7/15 RPM	(torque control) 7/15 RPM
SCOPE OF DELIVERY		
Tyre inflater (pedal-controlled)	•	•
Jaws plastic protection	•	•
5 demounting head tongue protections	•	•
Plastic protection for bead breaker	•	•
Wing side protection for demounting head	•	•
Lubricant brush and bead lever	•	•
Roller board	Optional	Optional
Ergo Control	• (V5, V6, V8)	• (V6, V8)
Tecnoroller NG	• (V1, V6, V8)	•
TECNOROLLER NG		
Max press force	5500 N (horizontal arm) 2500 N (follower arm)	

APPLICATIONS / WHEEL SIZES

- All rims
- All types of passenger cars and light trucks
- Motorcycle wheels (with special accessory kit)
- No need for re-positioning of clamping jaws or mounting column

TWO SPEED ROTATION TURNTABLE

- 3 Ph – 400 V (50 Hz): two-speed, forward / reverse
- 1 Ph – 230 V (50 – 60 Hz): MOTOINVERTER DRIVE SYSTEM the needed torque at your speed

* Available only for specific models

ACCESSORIES



PN: 1695 108 055

Pressing point



PN: 1695 102 148

Jaws plastic protection kit



PN: 1695 101 608

Demounting head tongue protection



PN: 1695 102 725

Mounting tool cover



PN: 1695 106 152

Plastic protection for bead breaker suitable



PN: 1695 105 191

Plastic rim protection



PN: 1695 101 575

Motorbike/scooter adaptors



PN: 1695 101 518

Bead breaking bearing motorbike wheel



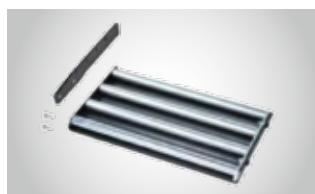
PN: 1695 103 210

Motorbike mounting head kit



PN: 1695 103 211

Plastic mounting/demounting head complete with adaptor



PN: 1695 106 190

Roller board



PN: 1695 101 372

External IT kit



PN: 1695 903 401

Tecnoroller NG



PN: 1695 105 190

Mounting lever (WdK-Model)



PN: 1695 102 584

Storage kit



PN: 1695 103 261

Bead pressing device (thin)



PN: 1695 103 216

Bead pressing device (thick)



PN: 1695 107 469

Side Lift NG



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