

ERGO-LINE

THE BETTER WAY TO WORK



DQN
DU QUESNE

BENEFITS OF WORKING WITH THE DQN ERGO-LINE



01 ERGONOMICS

Avoid lifting heavy tyres with the **ERGO-LIFT**. It automatically loads wheels onto the **ERGO-ROLL** tables, which can be adjusted to the ideal working height for maximum comfort and efficiency.

The linear bead-breaker on the **ERGO-PRESS** table is positioned at the optimal height, giving you a clear view and full control during bead-breaking.

No more lifting heavy wheels, just smooth, ergonomic handling. **Say goodbye to unnecessary strain and back pain.**

02 SPEED

Thanks to improved ergonomics and a more efficient use of the tyre changer, our clients report up to a **30% increase in overall operational speed** when using an **ERGO-LINE** setup.



03 PRODUCTIVITY

By adopting the complete **ERGO-LINE** setup, you significantly accelerate the tyre mounting and demounting process in your workshop.

While one operator handles wheel removal and loads them onto the **ERGO-ROLL** tables, a second operator can fully concentrate on tyre changing using the **OPTI-FIT** or **PRO-FIT** machine, creating a smooth and continuous workflow.

Reduced handling and unnecessary movements **improve machine uptime**, allowing each operator to focus on their core task and work more efficiently.

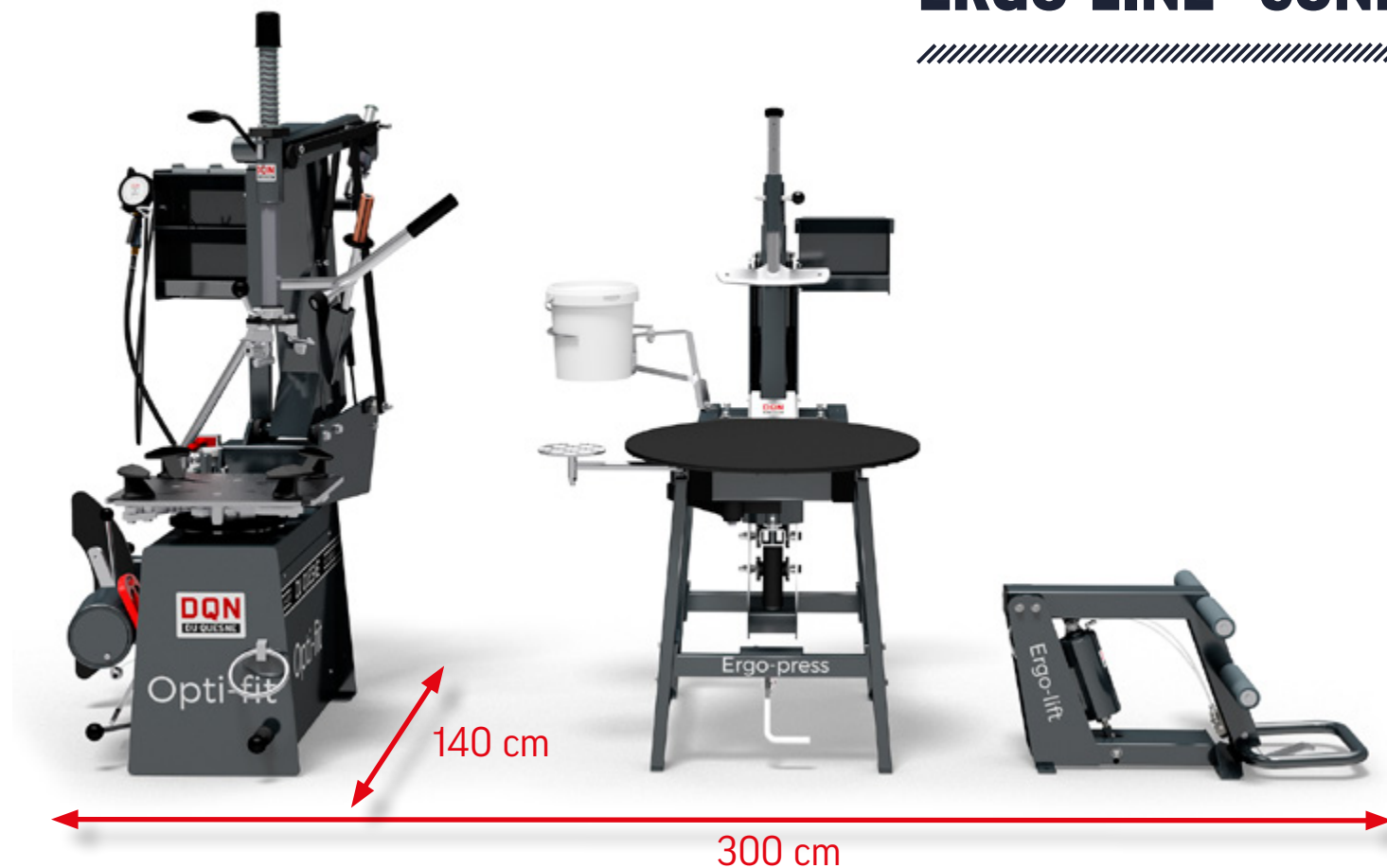
04 WORKSPACE OPTIMISATION

We offer a range of preconfigured **ERGO-LINE** setups. Thanks to the modular design and wide selection of components, we can also tailor a solution that perfectly matches your workshop layout and makes optimal use of your available space.

Enhance your setup with optional side rollers, brakes, or extensions to create a configuration that exactly meets your needs and maximizes efficiency.



ERGO-LINE - CONFIG **SMALL**



ELEMENTS

- › **PRO-FIT** or **OPTI-FIT** tyre changer
- › **ERGO-PRESS** bead-breaking table
- › **ERGO-LIFT** wheel lift

floor surface approx 300 x 140 cm

REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/2100F	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1

ERGO-LINE - CONFIG **SMALL** (90° CORNER SETUP)



IDEAL CONFIG FOR SMALL WORKSHOPS

floor surface approx 240 x 240 cm

REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/2100F	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1

ERGO-LINE - CONFIG **MEDIUM**



ELEMENTS

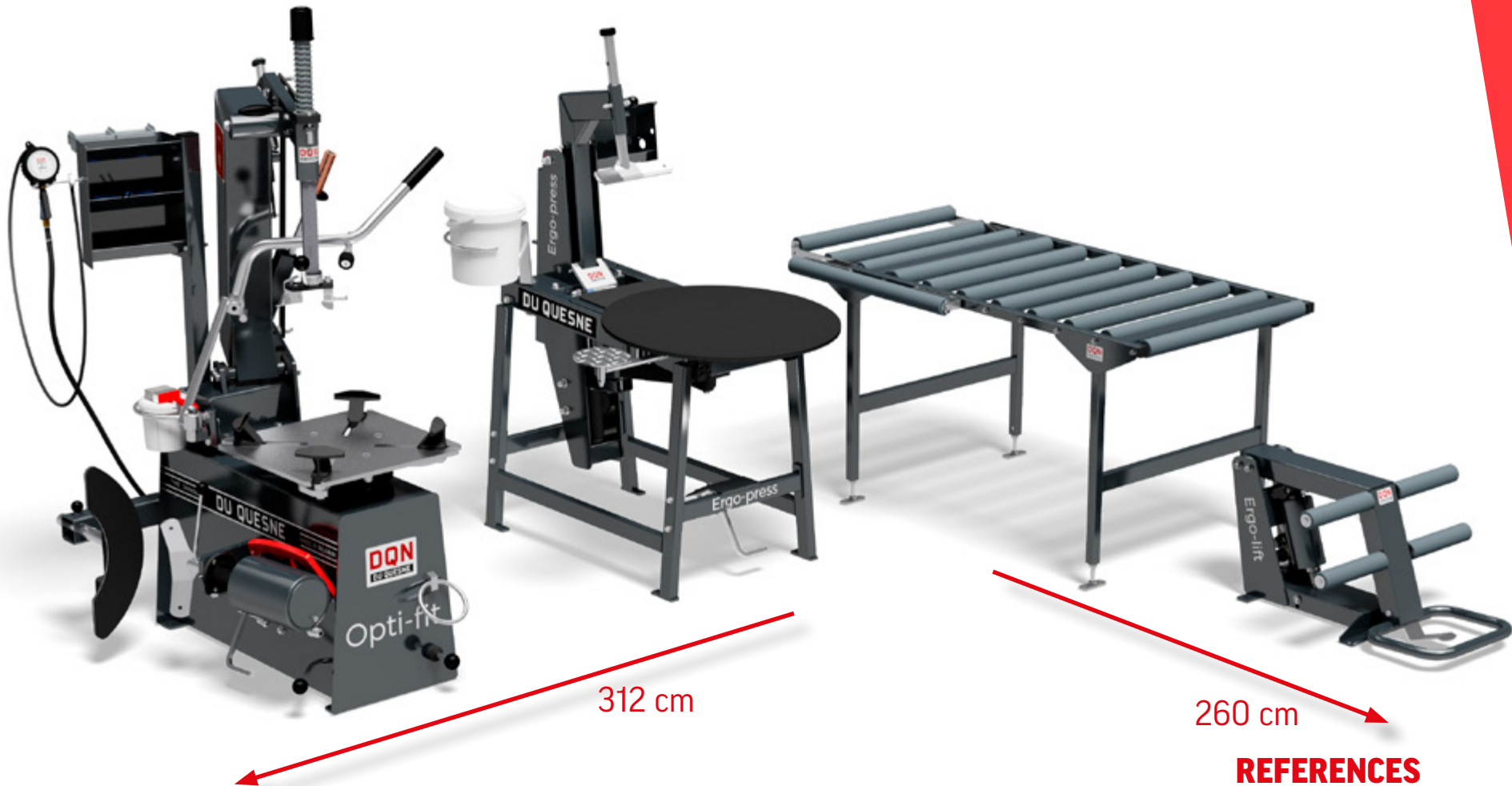
- › **PRO-FIT** or **OPTI-FIT** tyre changer
- › **ERGO-PRESS** bead-breaking table
- › **ERGO-ROLL** table for 2 tyres
- › **ERGO-LIFT** wheel lift
- › Wheel detector and long brake with extension

floor surface approx 442 x 140 cm

REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/2100F	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1
ERGO-ROLL TABLE	ER	1
WHEEL DETECTOR	ER DR	1
LONG BRAKE	ER FL	1

ERGO-LINE - CONFIG **MEDIUM** (90° CORNER SETUP)



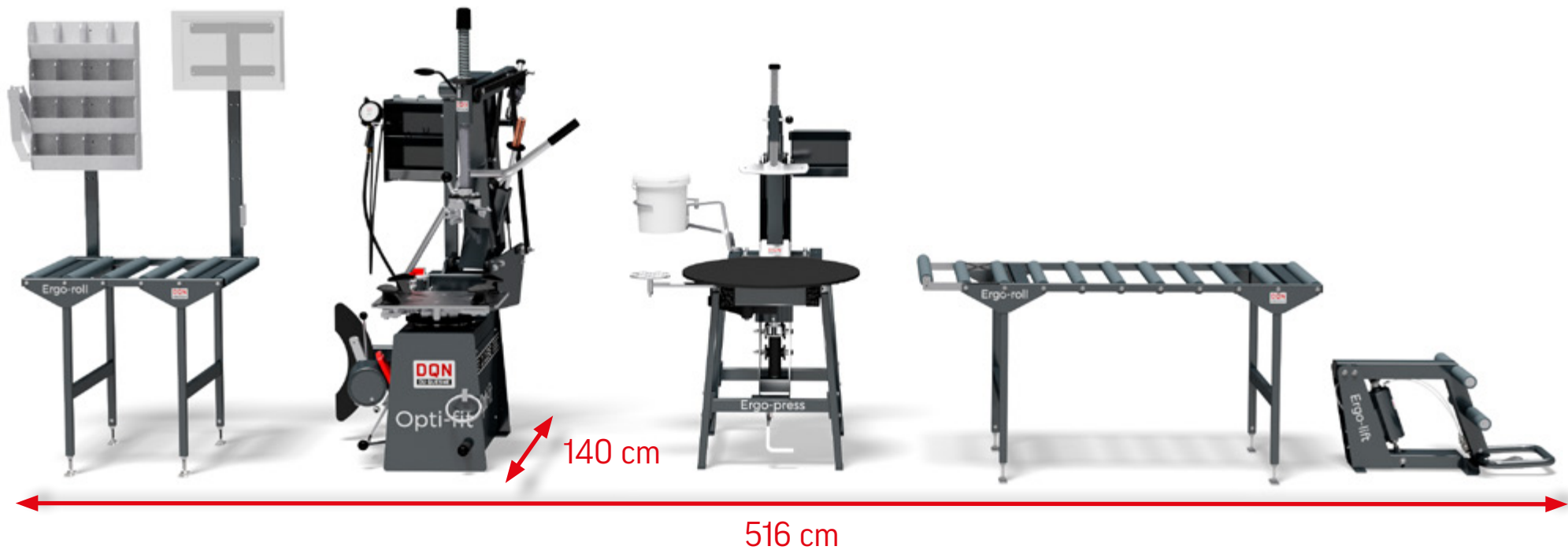
OPTIMAL CONFIGURATION WITH SPACE FOR 4 WHEELS

floor surface approx 312 x 260 cm

REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/210OF	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1
ERGO-ROLL TABLE	ER	1
WHEEL DETECTOR	ER DR	1
LONG BRAKE	ER FL	1
SIDE ROLLER	ER RL	1

ERGO-LINE - CONFIG **LARGE**



ELEMENTS

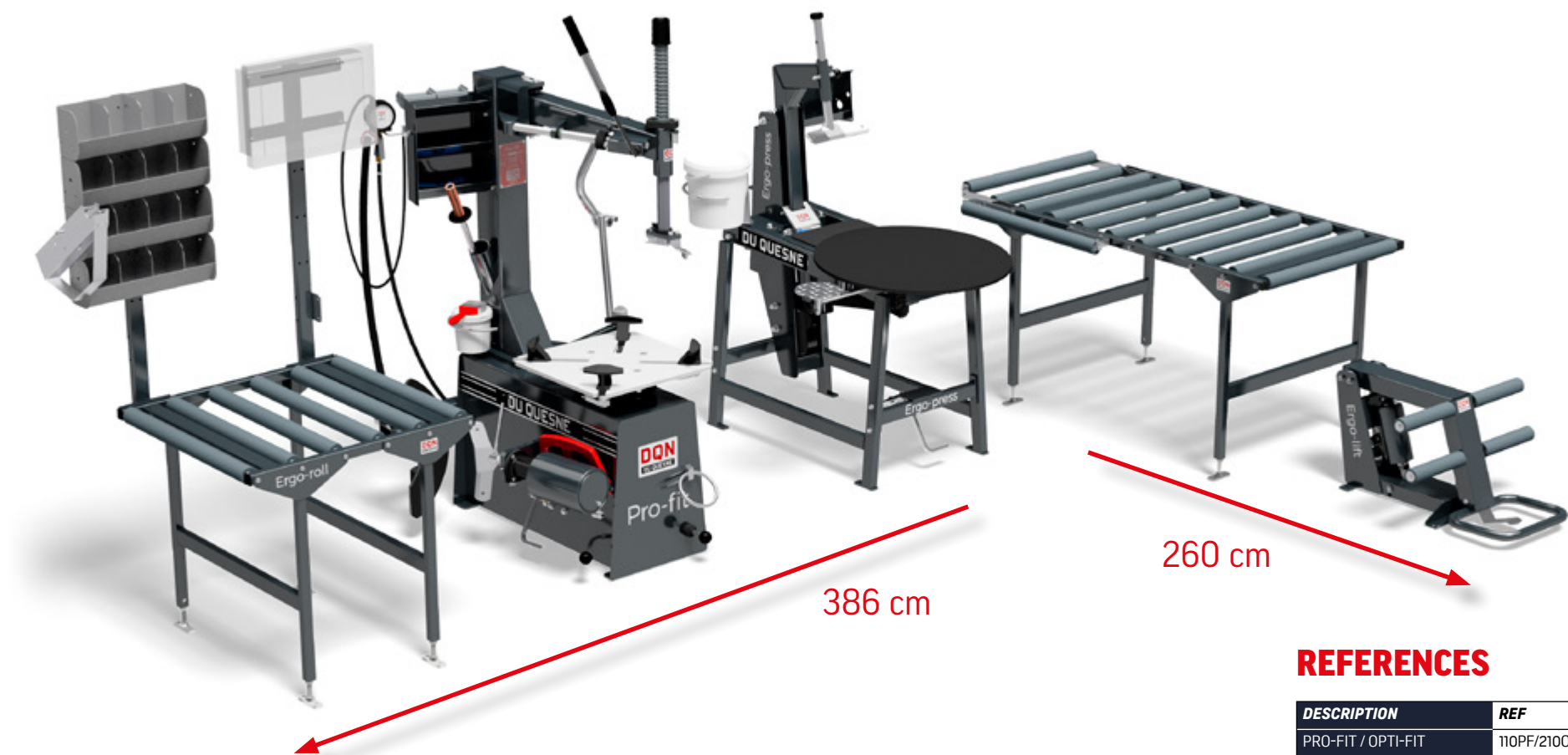
- › **PRO-FIT** or **OPTI-FIT** tyre changer
- › **ERGO-PRESS** bead-breaking table
- › **ERGO-LIFT** wheel lift
- › **ERGO-ROLL** table for 2 tyres
- › **ERGO-ROLL** small table for 1 tyre
- › wheel detector and long brake with extension
- › optional column with trays and reel holder for balancing weights
- › optional column with adapter plate for tyre inflator

floor surface approx 516 x 140 cm

REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/2100F	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1
ERGO-ROLL TABLE	ER	1
ERGO-ROLL SHORT TABLE	ER2	1
WHEEL DETECTOR	ER DR	1
LONG BRAKE	ER FL	1
SHORT BRAKE	ER FC	1
COLUMN FOR WEIGHTS	ER CM	1
COLUMN FOR PCL	ER CS	1

ERGO-LINE - CONFIG **LARGE** (90° CORNER SETUP)



MOST EFFICIENT SETUP FOR 4 WHEELS AND 2 OPERATORS

floor surface approx 386 x 260 cm

REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/2100F	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1
ERGO-ROLL TABLE	ER	1
ERGO-ROLL SHORT TABLE	ER2	1
WHEEL DETECTOR	ER DR	1
LONG BRAKE	ER FL	1
SHORT BRAKE	ER FC	1
SIDE ROLLER	ER RL	1
COLUMN FOR WEIGHTS	ER CM	1
COLUMN FOR PCL	ER CS	1

ERGO-LINE

THE BETTER WAY TO WORK



IMPROVE YOUR WORKFLOW

Both the **PRO-FIT** and **OPTI-FIT** tyre changers integrate seamlessly into a fully configured **ERGO-LINE** setup tailored to your workshop.

The **ERGO-LIFT** allows wheels to be loaded onto the rollers effortlessly, reducing physical strain and eliminating unnecessary manual lifting.

With the optional wheel detector, the **ERGO-ROLL** automatically transfers the wheel onto the conveyor table as soon as space becomes available.

The **ERGO-PRESS** separates the bead of the tyre from the rim quickly and precisely, improving workflow efficiency and operator comfort.

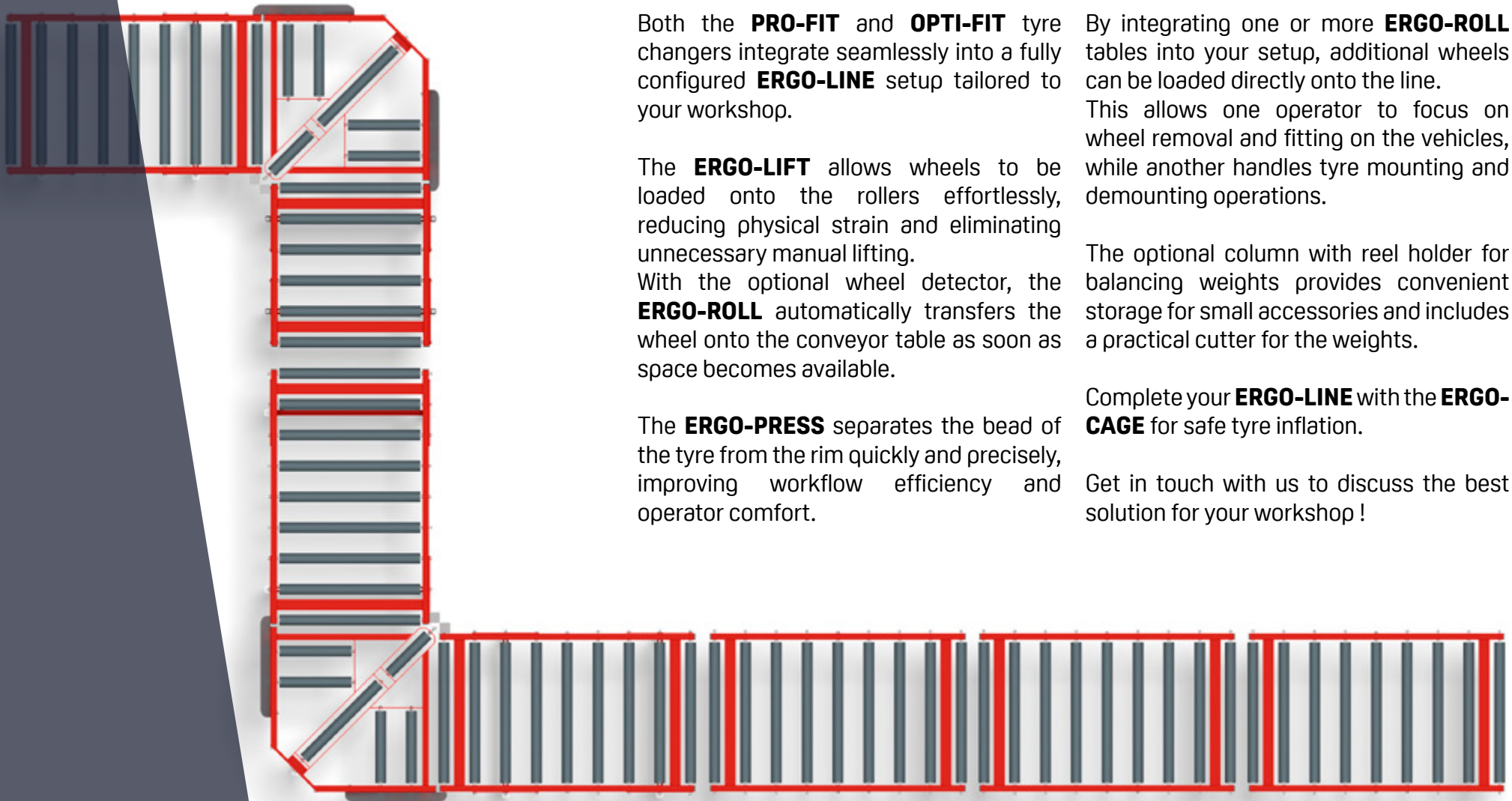
By integrating one or more **ERGO-ROLL** tables into your setup, additional wheels can be loaded directly onto the line.

This allows one operator to focus on wheel removal and fitting on the vehicles, while another handles tyre mounting and demounting operations.

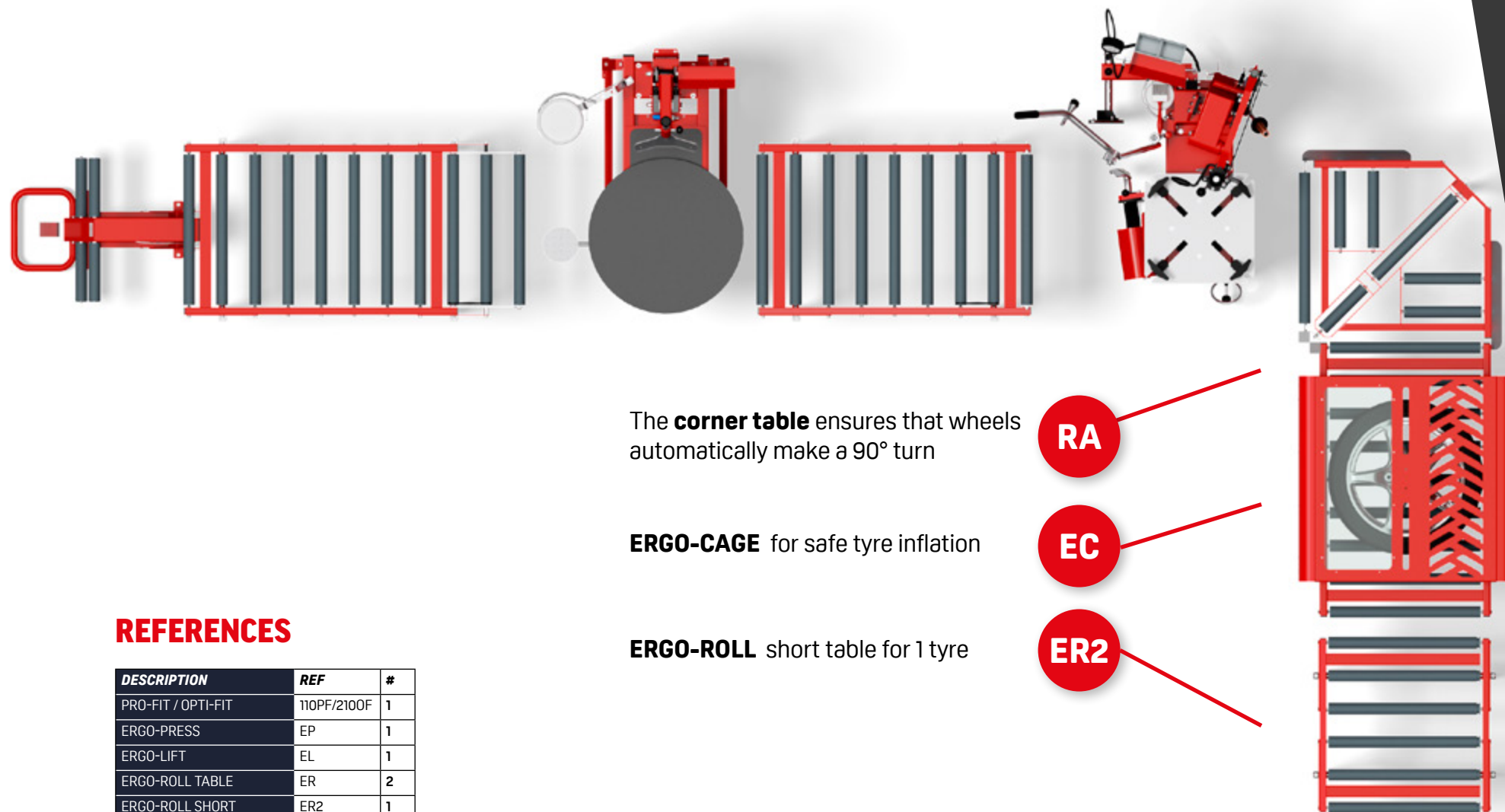
The optional column with reel holder for balancing weights provides convenient storage for small accessories and includes a practical cutter for the weights.

Complete your **ERGO-LINE** with the **ERGO-CAGE** for safe tyre inflation.

Get in touch with us to discuss the best solution for your workshop !



ERGO-LINE - EXAMPLE **CUSTOM** CONFIG (90° CORNER SETUP)

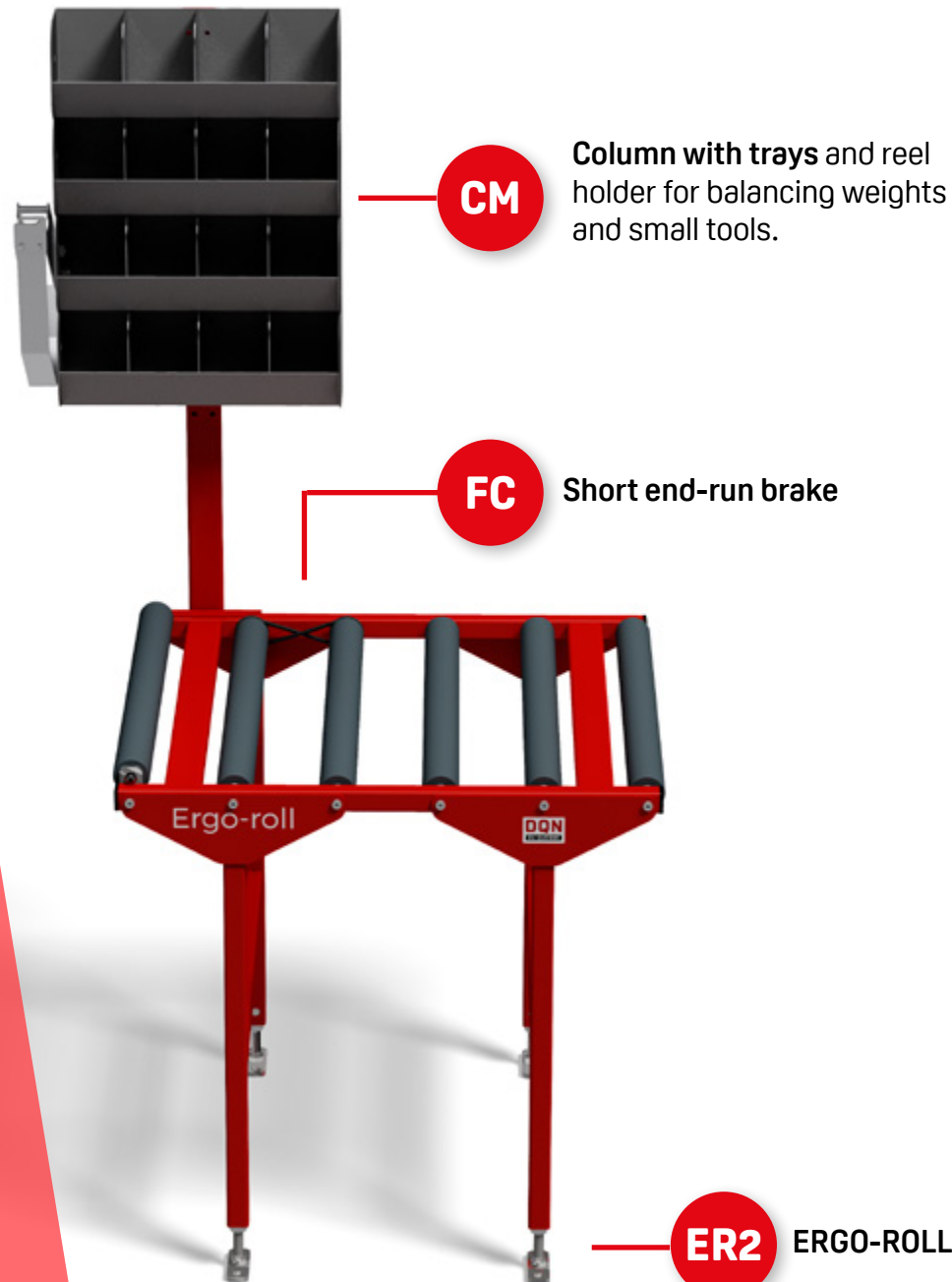


REFERENCES

DESCRIPTION	REF	#
PRO-FIT / OPTI-FIT	110PF/2100F	1
ERGO-PRESS	EP	1
ERGO-LIFT	EL	1
ERGO-ROLL TABLE	ER	2
ERGO-ROLL SHORT	ER2	1
ERGO-CAGE	EC	1
CORNER	RA	1
WHEEL DETECTOR	ER DR	1
LONG BRAKE	ER FL	1
SHORT BRAKE	ER FC	1

FULLY CUSTOMIZABLE FOR YOUR IDEAL WORKSHOP LAYOUT

ERGO-ROLL



CM

Column with trays and reel holder for balancing weights and small tools.

FC

Short end-run brake

ER2

ERGO-ROLL Table for 1 tyre (75cm)

MODULAR

Thanks to the **various accessories**, the **ERGO-ROLL** lines are fully modular, allowing for the ideal layout in your workshop.

The roller conveyors are available in **two lengths**, accommodating one or two tyres per table. They can be made even longer by adding 2 extension rolls.

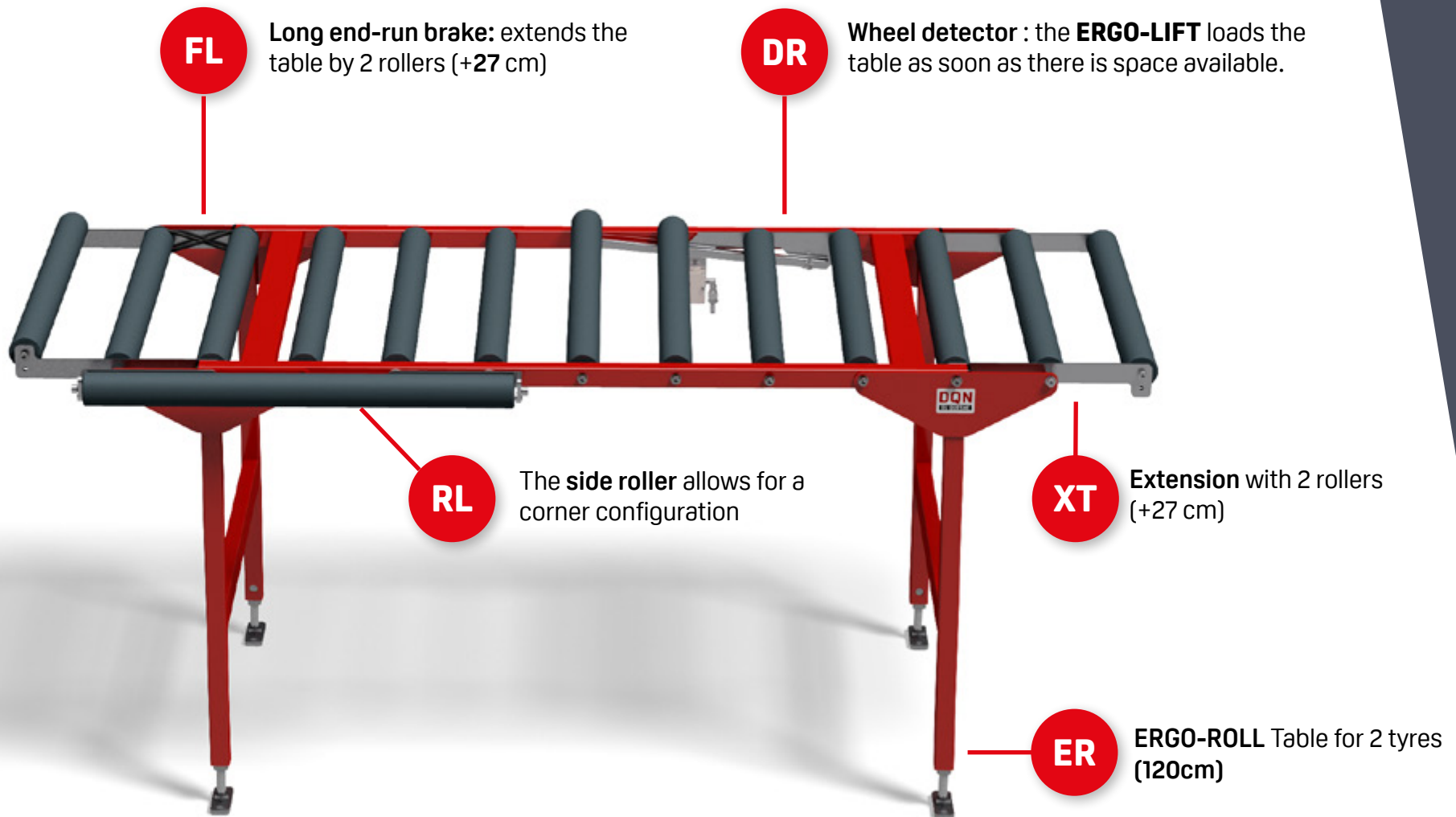
The legs are height-adjustable to ensure the perfect slope.

INDESTRUCTIBLE

The rollers are made of thick-walled plastic tubes, avoiding any damage to the rims. They are running on quality ball-bearings for a long life and smooth operation.

The frame and legs are made of 3mm thick steel profiles, making it a very sturdy and indestructible table. Powder coated for a long-lasting finish.

EVERYTHING RUNS SMOOTHLY



ERGO-PRESS

PRECISE AND FAST BEAD-BREAKING

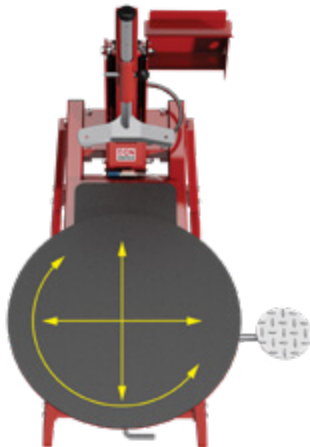
PATENTED

Ergonomic and safe operation thanks to the ideal working height.

Removes even the most stubborn tyres without damaging the rim.

FEATURES

- › powerful linear ram
- › hydraulic shock absorber
- › lateral, axial and rotating table
- › handy turntable for flipping the tyre
- › optional second holder for tyre grease



ERGO-LIFT

THE AUTOMATIC WHEEL LIFT



Fast and efficient!

Our lift is the only one on the market that lifts the wheel in a controlled arc movement to the correct height.

FEATURES

- › automatically activated
- › 2 modes (**table load** - **machine load**)
- › can be combined with a detector for use with the **ERGO-ROLL** table



TABLE LOAD



MACHINE LOAD



THE ORIGINAL

SINCE 1925

MORE THAN 100 YEARS OF INNOVATION

In 1925, at the age of 21, Victor du Quesne founded a tyre service center in Antwerp together with his father, Charles.

He soon encountered the challenges associated with mounting and demounting tyres, and the need for specialized equipment quickly became apparent. To facilitate the work of his employees, he developed the first tyre changer.

In 1929, he launched the mass production of this revolutionary machine, which was soon exported worldwide.

Since then, DU QUESNE machines have been continuously refined to embody the very essence of a tyre changer:

a versatile, fast, safe, and user-friendly tool designed for long-term reliability.

EUROPEAN QUALITY - MADE IN BELGIUM  