

TECNO CUT

TECHNOLOGY FOR THE LABEL INDUSTRY

www.tecnocut.com

SINCE 1993 TECNOCUT HAS BEEN PROVIDING TECHNOLOGICAL SOLUTIONS FOR THE INDUSTRY

1993

Tecnocut was founded with the aim of being the main distributor in the label industry in Spain, regarding tooling for rotary machines. A commercial company based on excellent service quality.

2008

Expanded its portfolio, becoming the agent of the leading European manufacturers such as Kocher+Beck, Pamarco, Axcyl and J.M Heaford. By then, the engineering and R&D department were created.

2010

The company made a strong commitment to develop the brand, creating its own solutions for the improvement of machinery. The engineering department expanded with highly qualified engineers that permitted to investigate and develop this new line of work.

2015

Members of the second generation joined the company in order to enhance and increase the national and international demand.

2017

Tecnocut took a big step forward when changing its corporate image.

2018

Moved to a new and modern facilities in Barcelona. A 2.000 m² space that permitted the integration of all the departments and allocated an area to display product samples that allowed clients experience Tecnocut's services.

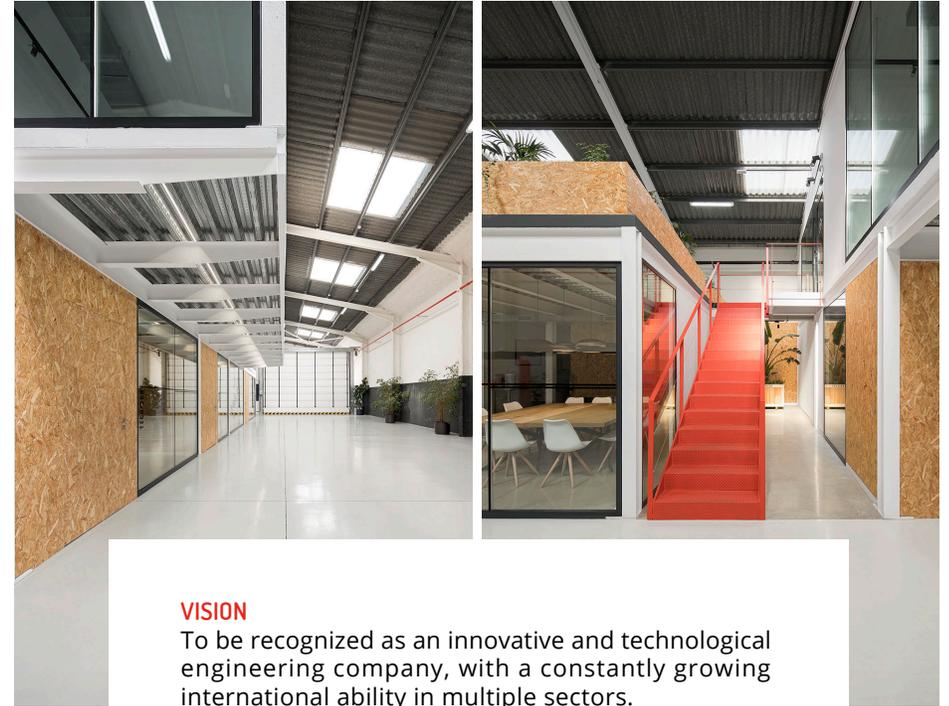
2019

Both engineering and R&D departments have recently developed the new **360° concept**. A service that aims to improve the company's production.

TECNOCUT
TECHNOLOGY FOR THE LABEL INDUSTRY



celebration of **25** *Anniversary* with the main companies in the market



VISION

To be recognized as an innovative and technological engineering company, with a constantly growing international ability in multiple sectors.

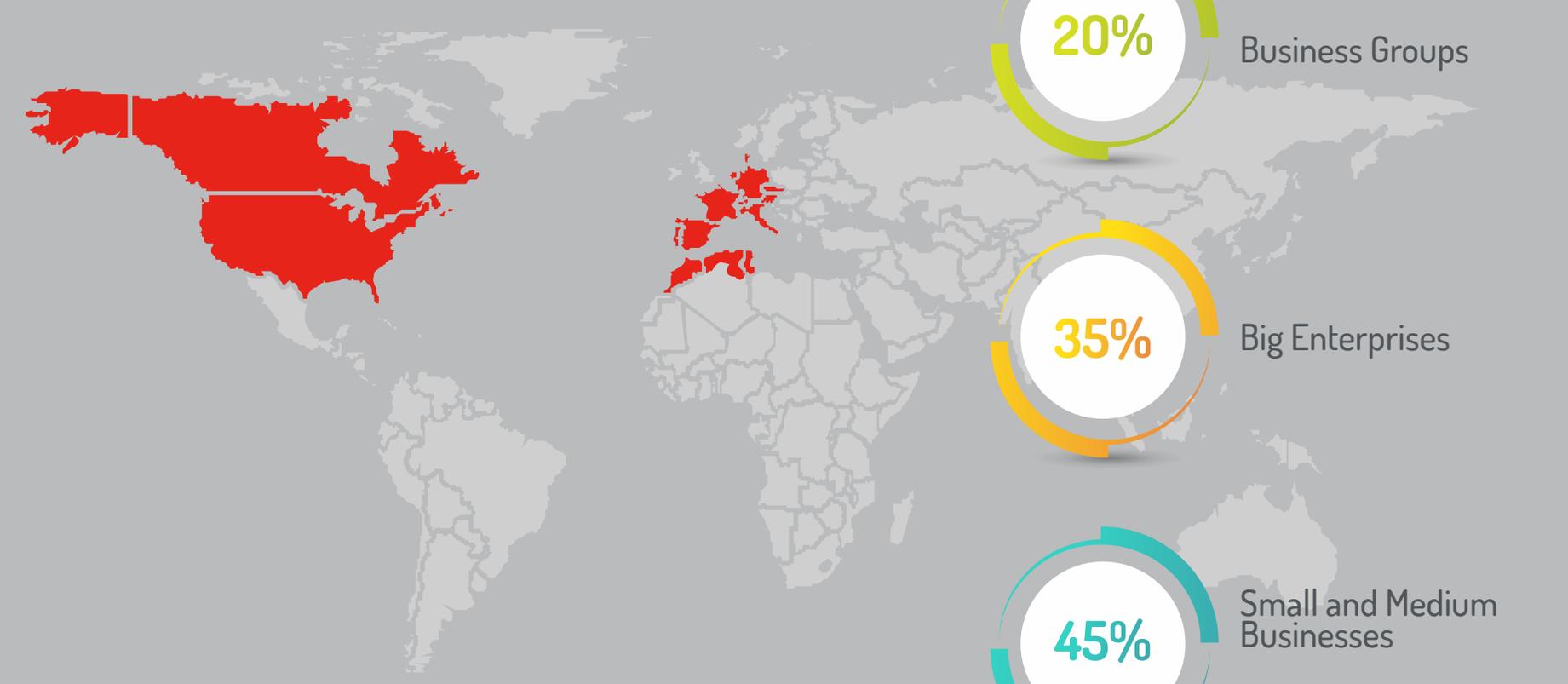
MISSION

To provide high quality engineering solutions, valued and recognized by our clients.

VALUES

Honesty, Commitment and Steady improvement.

BUSINESS AND PRESENCE IN THE MARKET



E-DIFFSYSTEM

THE PERFECT DIE CUT

It is the digital evolution of the DIFFSYSTEM (mechanic controller), which allows an **electronic variable adjustment** with micrometric precision (± 0.001 mm) between the anvil roll and the magnetic cylinder.



TECNO CUT
TECHNOLOGY FOR THE LABEL INDUSTRY

E-DIFFSYSTEM

The system will replace the existing anvil roller in the die-cutting station, allowing a flexible die to perfectly cut into pressure sensitive materials virtually independent on the liner thickness (glassine, kraft, synthetic) with a maximum + and - correction of 0.1 mm.

Our unique E-DIFFSYSTEM can electronically change the air gap in three different ways:

- OPERATING SIDE
- DRIVING SIDE
- OVERALL

ADVANTAGES:

- E-DIFFSYSTEM can (normally) be installed by simply replacing the anvil roller.
- Clear HMI (touchscreen).
- Initializing function to automatically return to zero (starting) position.
- Possibility to store settings per job (as a reference position).
- System will automatically generate a signal for maintenance (greasing).

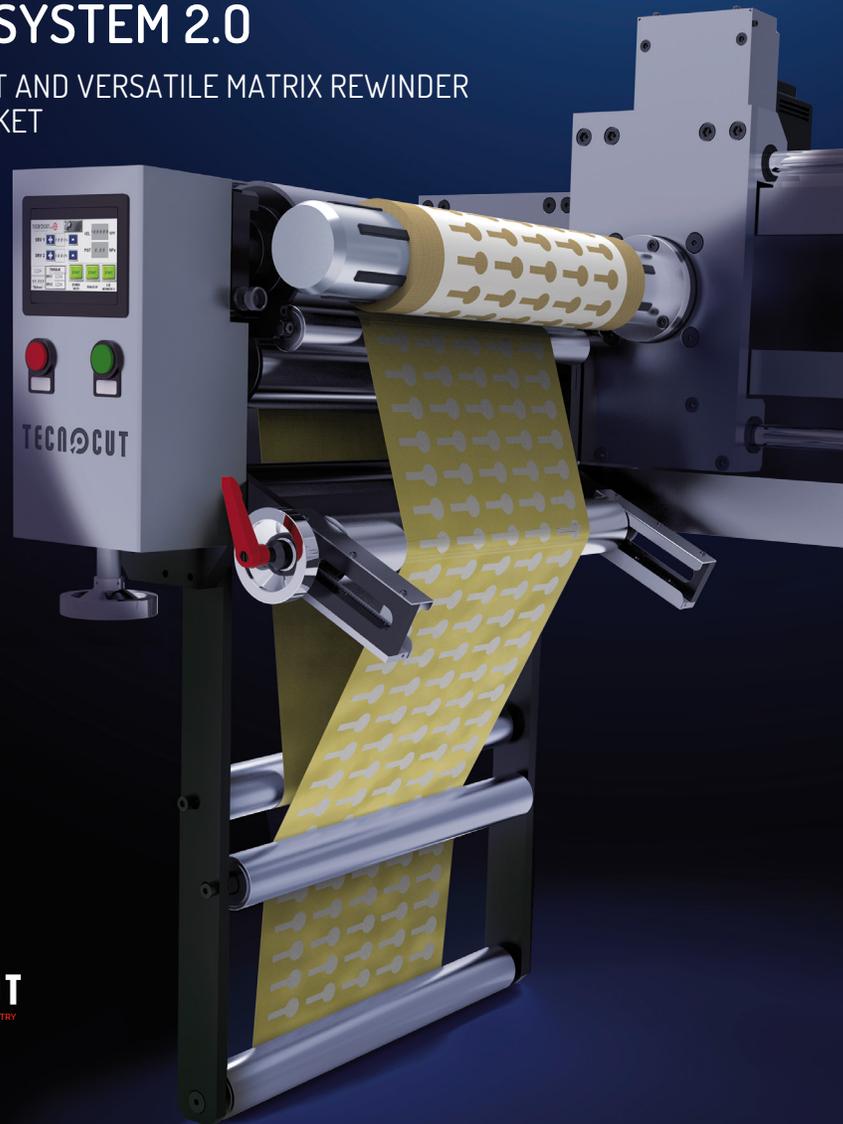


DEVELOPED BY OWN R&D



DESMASYSTEM 2.0

THE FASTEST AND VERSATILE MATRIX REWINDER
ON THE MARKET



TECNO CUT
TECHNOLOGY FOR THE LABEL INDUSTRY

DESMASYSTEM 2.0

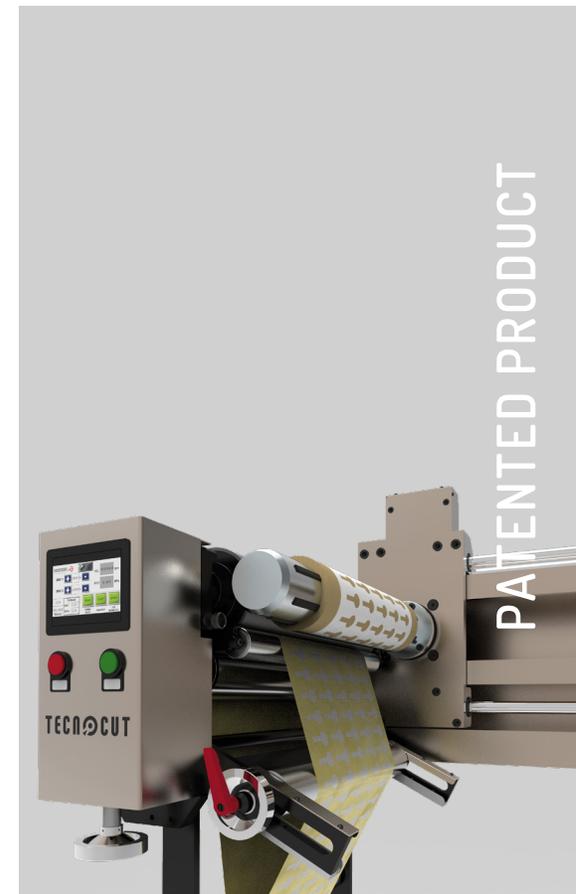
The waste matrix stripping system performs a sliding rewinding shaft for astonishing stripping speeds in the label industry.

Fully autonomous can be installed in all machines.

DESMASYSTEM makes machines even more flexible and efficient, with the ability to overcome a critical point of the sector. The waste re-winder moves horizontally while the matrix gets bigger on the shaft unmodifying the distance from the stripping point.

DESMASYSTEM has been designed to simplify the set-up, make automated presses, and prevent costly downtime during production. A less specialized operator is required in order to use the equipment and human and machine errors are sustainably minimized.

THE PERFECT SOLUTION
FOR COMPLEX SHAPES



PATENTED PRODUCT

CUT PRESSURE CONTROL

EFFECTIVENESS AND CUTTING CONTROL



TECNO CUT
TECHNOLOGY FOR THE LABEL INDUSTRY

CUT PRESSURE CONTROL

Pressure Gauges allow monitoring and adjusting the cutting pressure exerted on the cutting tools, facilitating an effective and controlled procedure for all die-cutting tasks.

The measurement is taken from the point where the force is carried to the cutting tool. This pressure control system allows to adjust the pressure accordingly because it detects immediately pressure changes.

N-CUT PRESSURE CONTROL

T-CUT PRESSURE CONTROL



Depending on machine type, we offer two Pressure Gauges versions.

- FULL DIE-CUTTING CONTROL.
- EXTENDED CUTTING TOOL LIFE.
- CAN BE REPOSITIONED RAPIDLY WHEN RETOOLING EQUIPMENT FOR A DIFFERENT DIAMETER.

TAILORED ENGINEERING SOLUTIONS

Research and development is at the core of **TECNOCUT Engineering** activities. We foster innovation through the innovative solutions we deliver to our clients by always bringing the most relevant experience to any given project.

The wide breadth of skills and differing backgrounds covered by our staff allows us to tackle many fields of both research and development.

We strive to preserve the original intent of each design whilst satisfying all key production criteria and providing optimum manufacturing efficiency leading to a design solution which is commercially viable.

We work closely with our customers to ensure that all of their expectations are fulfilled on time and to the high standard that they demand.

OUR COMMITMENT DO NOT FINISH WITH THE SOLUTION DELIVERY,
WE WANT TO REMAIN AT CUSTOMER'S SIDE AS THEIR PARTNER FOR
ITS ENTIRE LIFE CYCLE.

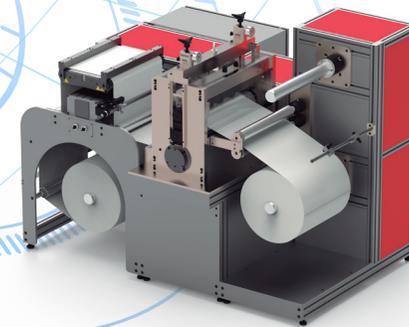
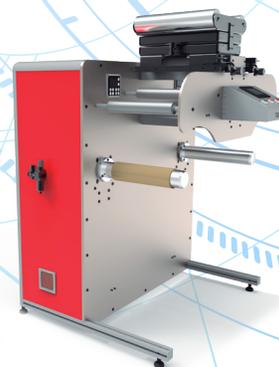
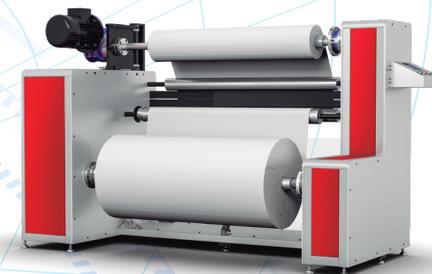
TECNOCUT
TECHNOLOGY FOR THE LABEL INDUSTRY

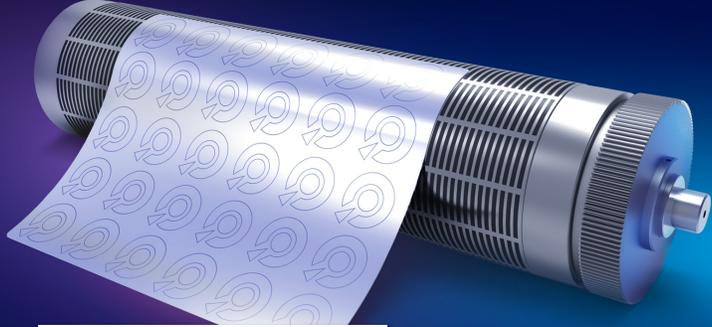
TECNOCUT 360°



The **360°** service improves company's productivity through the development of tailored projects which make them more efficient and enhance their added value.

A different view of improvement, powered by Tecnocut's products.





PREMIUM TOOLS

MAGNETIC CYLINDER

A body made from non-magnetic stainless steel which provides an excellent protection against corrosion, does not deprive the strength of magnet power and enables high and equal adhesion of flexible die during use.

PRINT CYLINDERS

Printing cylinders for printing plates are mainly used in flexographic machines, offset and letterpress printing. Made of rigid aluminum or steel and with a concentricity tolerances of $< 6 \mu\text{m}$.

ANILOX ROLLS

The anilox roll's ink distribution system is what makes the difference in flexography. Reason why it is so critical manufacturing the anilox roll to perform its function with consistency and reliability.

ANVIL CYLINDERS

Made from fully-hardened tool steel up to 62 +/-2 HRC. Maximum concentricity precision for perfect cutting results and long service life. It complements and enhances your cutting die conditions.

SHEETER

Removable blade sheeters are precisely manufactured with CNC machinery to guarantee high center-to-center and square accuracy in order to provide best cutting effect. Two types of blades –for cutting and perforation- to suit different requirements.

SLITTER

Lineal tool with laterally adjustable and removable individual circular cutting tools for different job requirements.

GEARS

Helical or spur teeth gears can be offered in standard quality and also hardened and ground to reduce the noise, eliminate backlash problem and to ensure high quality of print.

RUBBER CYLINDERS

Rubber coated cylinders also known as varnishing cylinders, lacquering cylinders. Natural rubber, synthetics, EPDM, silicones, ebonite, etc... are used.

SLEEVES

Thanks to their unique composite honeycomb structure, Axcyl flexo sleeves are the most stable, lightest and stiffest of the market.

ALUMINIUM SLEEVES

Due to its lightweight construction, Aluminum Sleeves are a perfect alternative to conventional sleevees.

AIR CYLINDER

Rubber sleeves are a printing cylinder that uses removable rubber (EPDM material) sleeves effective for water-based, solvent and UV inks and coatings. Needs air pressure to fit sleeves in position.

FLEXIBLE DIES

Suitable for all types of self-adhesive and single-material products: paper, PP, PE, PVT, PET, Tyvek, thin films on PET liner material, and other materials that are difficult to cut.

PLATE MOUNTING MACHINE

Perfect register by fast and accurate plate mounting is essential to produce high quality print and maximize press productivity, particularly with short run work.

ROTARY DIES

Rotary dies are built to last and to withstand abrasion, tight tolerances and long-run applications.

EMBOSSING CYLINDERS

Can achieve a three-dimension label to make an attractive and distinctive appearance. Application in one cutting station.

REPAIR, RETOOLING AND RESHARPENING SERVICE

TECNO CUT repairs, refurbishes and reshapes tools every day.

TECNO CUT

TECHNOLOGY FOR THE LABEL INDUSTRY

www.tecnocut.com



BRANDS REPRESENTED IN SPAIN

