



INDUSTRY **5.0**
AND **IoT** READY



RECYCLING DIVISION



COMERIO ERCOLE

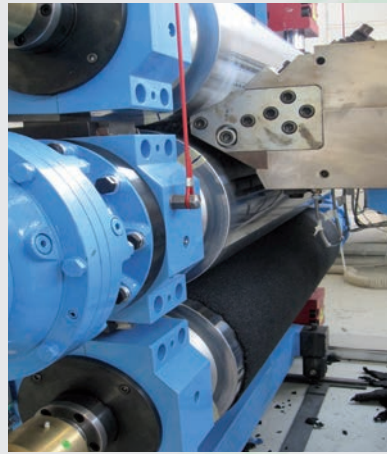
QUALITY & TECHNOLOGY SINCE 1885 ITALY



MARKIO
TORICO

ETP® HIGH PERFORMANCE RUBBER RECYCLING PLANT

COMERIO ERCOLE introduced a PATENTED system for rubber processing resulting from end-life tires or rubber scraps arising from technical articles. The ETP® plant is made of a single-screw extruder with a vacuum device provided with a patented mixing chamber, in which the rubber fillers are perfectly homogenized with thermoplastic matrix. The system is designed and manufactured to recycle rubber filler without thermal alteration.



BABYMILLS® HIGH EFFICIENCY RUBBER REWORK

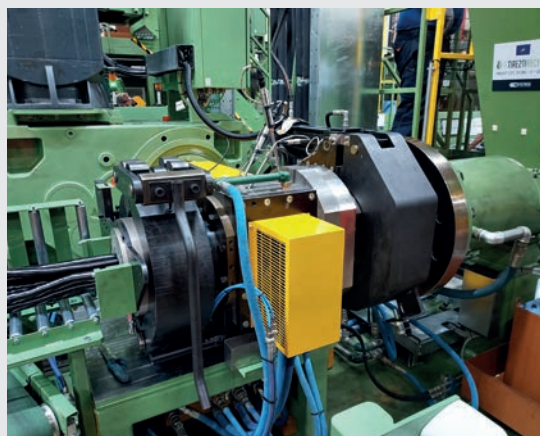
COMERIO ERCOLE developed **BABYMILLS® MGS®** series 700 and 1000 mm roll face, in particular to rework 100% of all non-vulcanized rubber scraps to be returned to the production process upon circular economy concept. COMERIO ERCOLE grants a wider portfolio including **MGC® - MGU® - MGS® - MGX®** and **MGP®** model available from 1000 mm to 2540 mm and a special configuration 3050 mm roll width, too.

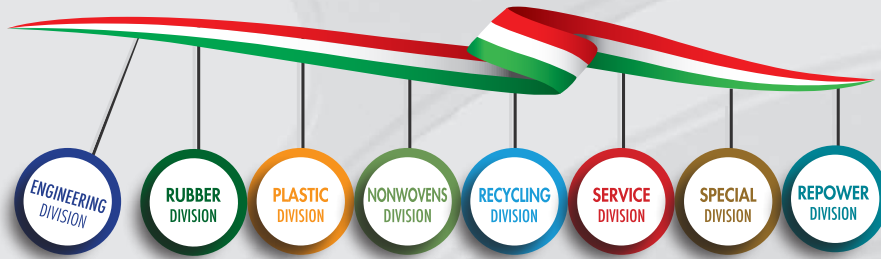


REWIRE® ALLIANCE FOR RUBBER REWORK PROCESS TECHNOLOGY

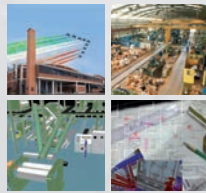


COMERIO ERCOLE in partnership with a qualified partner, developed **REWIRE®** the COMPACTREWORKLINE able to rework all non vulcanized scraps and defective components of tire production process. **REWIRE®** is the only system in the market which allows the scrap rework without stopping the production, without pre-heating and adding virgin materials. The equipment is very compact, three time smaller footprint (if compared to traditional rework), energy efficiency (30% less installed power). All this thanks to the exclusive machine design.





PRODUCTION PROGRAMM



ENGINEERING

Engineering services
Know how provider
Laboratory service
Turn key special projects & Products



RUBBER

Calendering & Mixing Technology
Rubber production machines and plants
Vulcanizing rotary machines
Hydraulic presses
Tires & Conveyor belts production process plant



PLASTIC

Calendering, Extrusion & Stretching Technology
Special lamination and embossing machines
Plastic production machines & plants



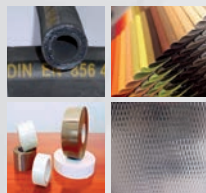
NONWOVENS

Thermal bonding calender technology
Embossing/gauging and laminating technology
Spunbonding & Air-laid technology
Nonwovens production machines & plants



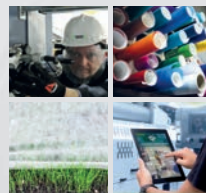
RECYCLING

Tire recycling system to obtain secondary raw materials in various extrusion
Special patented Extrusion technology
ETP plant from wasted tires rubber crumbs



SPECIAL PRODUCTS

R&D projects & tailored products
Gaskets calendering technology
Special adhesive tapes calendering technology
Textile Finishing technology: padders & calenders
Stainless steel & Paper embossing technology



REPOWER

Safety assessment
Compliance report
Refurbishment
Renovation
Revision
Industry 4.0 Update



CUSTOMER SERVICE

Technical assistance & Teleservice
Original spare parts
Refurbishment & Safeties updating
Training & Technological assistance
Installation & Commissioning



RECYCLING DIVISION



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