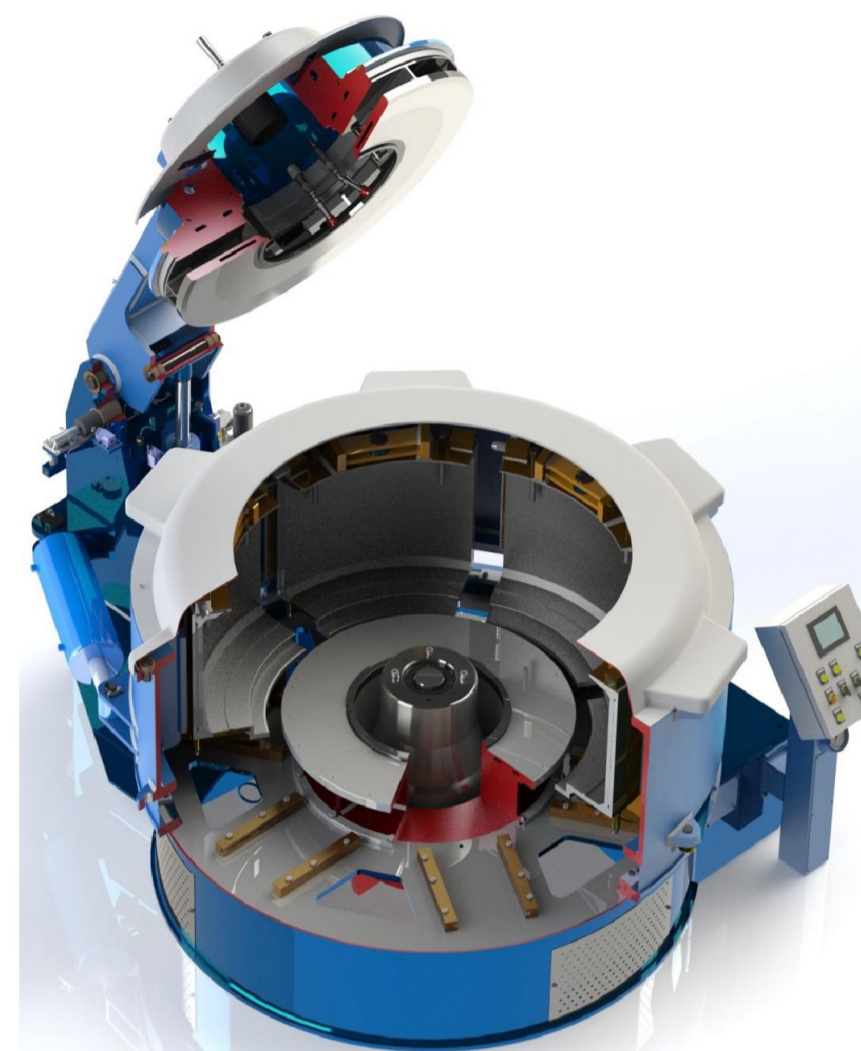


# CIMA LAUNCHES INNOVATIVE ECOLINE PRESS RANGE, PIONEERING ENERGY EFFICIENCY IN TYRE RETREADING



Consumption ECO INDUCTION Electric Press VS Standard Electric Press VS Standard Steam Press

Press RP 5H IND ECO ECO SHIELD ECO HEAT	Press Heating from ambient temperature to 155°C mould segments, 130°C sidewall plates	Cons. 28,3 KW/h	Achievement of set T 2 hours
	Maintaining of set T	Cons. 10 KW/h	
Press RP 5H Electric Standard	Press Heating from ambient temperature to 155°C mould segments, 130°C sidewall plates	Cons. 54,1 KW/h	Achievement of Set T 2 hours
	Maintaining of set T	Cons. 15 KW/h	
Press RP 5H Steam Standard	Press Heating from ambient temperature to 155°C mould segments, 130°C sidewall plates	Total Cons. 280 Kg / Steam	Achievement of Set T 4 hours
	Maintaining of set T	Cons. 35 Kg Steam / Hour	

Note: tests carried out at CIMA IMPIANTI, with our technicians; results may vary under different environmental conditions and/or different press process management.

CIMA, a global leader in the manufacture of curing presses for the tyre retreading industry, has announced the launch of its upgraded ECOLINE press range. Unveiled at the recent Tire Technology Expo in Hanover, this latest addition to its product line-up is segmented into three distinct offerings, each designed to enhance energy efficiency significantly within the retreading process. The introduction of the ECOLINE range highlights CIMA's commitment to advancing energy efficiency and pollution reduction in tyre retreading, setting a new benchmark for the industry.

The highlight of the ECOLINE range is its remarkable energy-saving features, which have been rigorously tested and developed over 15 years to ensure reliability and performance in factory and field settings. Since commencing manufacture in 2010, CIMA has been at the forefront of developing presses that offer customisable cavity features, enabling interchangeability and flexibility. This flexibility

extends to compatibility with products from other brands, ensuring retreaders can keep using existing moulds designed for different brands inside this flexible cavity CIMA press.

A standout feature of the new ECOLINE press is its insulated cavity, ECOSHIELD, which directs all generated heat towards the tyre, maximising efficiency. The shift from steam to induction heating with part two of the line-up, ECOHEAT, represents a significant advancement, offering the efficacy of an electrically heated press with half the power consumption. These innovations collectively contribute to a substantial energy saving compared to traditional presses.

The third part of the new release, HOT N<sub>2</sub>, introduces a separate nitrogen module tailored to benefit the retread tyre industry and new tyre manufacturing. Due to nitrogen's inert gas properties, the life of the bladder is considerably extended, and thanks to the fact that

nitrogen is heated, the curing cycle time is reduced. Capable of integrating with existing systems and delivering up to 28 bar of pressure and 240 °C of temperature, this separate standing item can also be used in the new tyre curing process, demonstrating its versatility and the potential for operational efficiency improvements.

Such efficiency gains are particularly beneficial for all mould cure retreaders and are especially advantageous for pre-cure retreaders looking to complete their product range with some mould cure; these can incorporate the ECOLINE range into their operations without the complexities associated with piping and ancillary infrastructure. The eco-friendly nature of the ECOLINE range may also qualify purchasers for government assistance, further enhancing its appeal.

CIMA also offers customisation options for the ECOLINE range, including cavity size, control types, and process controls, ensuring a tailored solution for every client's needs. With its innovative approach to energy savings and pollution reduction, the ECOLINE range from CIMA is poised to redefine standards in tyre retreading technology, offering significant savings and environmental benefits. This launch reaffirms CIMA's status as a global leader in curing presses for retreading, introducing a new press range that saves energy and paves the way for more sustainable retreading practices.

## ECOLINE New Vulcanization Press Line

