



Press release

Thermax strengthens its support to Ludhiana industries with viable clean tech solutions, offers alternatives to crop burning and industrial pollution

Showcases clean air, clean energy and clean water solutions at its customer connect programme 'In Touch'

Ludhiana, July 25, 2025

Thermax Limited, a leading provider of energy and environment solutions, hosted its regional customer connect programme 'In Touch' in Ludhiana today. The event brought together 150+ industrial stakeholders to explore sustainable technologies spanning clean air, clean energy, and clean water, addressing the pressing challenges like crop residue burning and industrial pollution.

At the event, Thermax showcased its biomass-based boilers suitable for low and medium temperature applications. Some of its latest innovations include GreenPac™ boiler, GreenBloc™ thermic fluid heater, powered by Universal BioGrate (UBG) technology – can efficiently combust a wide range of low-density biomass fuels, including paddy straw. These convert agricultural residue into thermal energy, supporting decentralised process heat needs across industries.

Thermax also presented large capacity boiler systems capable of firing both baled and shredded paddy straw. Featuring Reciprocating Grate (RG) technology for 100% paddy straw usage, these boilers also support Travelling Grate (TG) and AFBC configurations, offering flexibility based on regional biomass availability. Its Flexisource™ range offers flexibility to fire diverse waste fuels - including agro-waste and refuse-derived fuel (RDF). Designed for power generation, process steam, or cogeneration, they are equipped with Thermax's patented bag filters to ensure compliance with air pollution control norms. Thermax is also supporting industries transition from fossil fuels to biomass-based energy systems with end-to-end support for retrofitting, spares, and servicing.

Additionally, Thermax is tapping into the bio-CNG potential of paddy straw. In Punjab, it operates a compressed biogas plant at Dhuri. The newly launched ThermaxNe0 line offers advanced purification and upgradation technologies to convert raw biogas into high-purity methane for industrial or automotive applications.

Thermax is also helping industries reduce wastewater discharge and achieve compliance through advanced effluent treatment and zero liquid discharge (ZLD) solutions, using MEE and MVR technologies. Several of these installations are already operating across northern India.

Serving sectors such as food & beverage, textiles, chemicals, ethanol, sugar, and waste management, Thermax's diverse solutions are backed by strong service support and a proven track record. With sustainability at its core, the company remains a trusted partner for industries in Punjab— supporting their energy transition and environmental goals.

About Thermax Limited

Thermax Limited (NSE: THERMAX) is a leading conglomerate in the energy and environment space and a trusted partner in energy transition. Thermax's extensive portfolio includes clean air, clean energy, clean water and chemical solutions. Backed by its longstanding industry partnerships across multiple sectors, Thermax has cultivated strong expertise in audit, consulting, execution, and maintenance coupled with digital solutions, ensuring a unified energy and environment management experience. Leveraging its distinctive engineering capabilities, Thermax converts costs to profits while protecting the environment – a win-win for the industry and society at large. Thermax operates 16 manufacturing facilities across India, Europe, and Southeast Asia and has 49 Indian and international subsidiaries. For more information, visit www.thermaxglobal.com