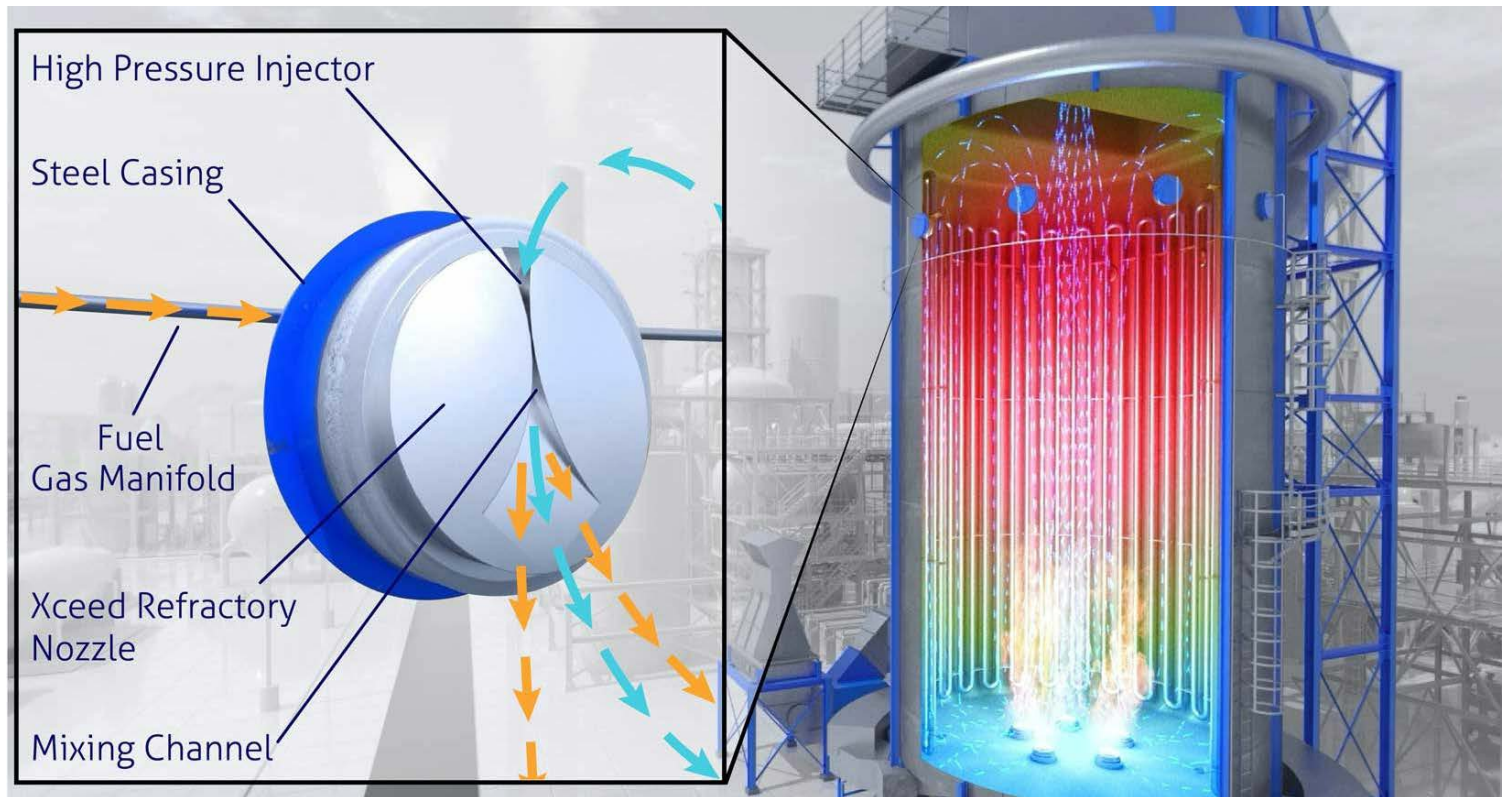


Do you want to reduce emissions from your fired heater? Do you desire increased capacity but fear poor flame quality or flame impingement due to increased firing rates?



INCREASE FIRED HEATER CAPACITY BY UP TO 50%

Fired heaters in refineries and petrochemical plants emit millions of tons of CO₂ & NO_x every year. Lowering those emissions often causes flame quality issues which can reduce the coil life, run lengths, and capacity of your heater.

Built on 30 years of research, XRG developed the Xceed system to mitigate these issues.

Xceed works with new or existing burners by redirecting a portion of the fuel to the new Xceed nozzles and dispersing combustion to remove hot spots, increase capacity, reduce NO_x to SCR levels, and enable up to 100% CO₂ reduction.

A reduced peak-to-average heat flux ratio alleviates high-temperature limits enabling increased capacity. Xceed's improved combustion uniformity significantly reduces NO_x allowing you to capitalize on increased efficiency or capacity.

The flexible Xceed system can be easily retrofitted to existing heaters and allows for operation with zero-to-100% dispersed combustion for maximum reliability.