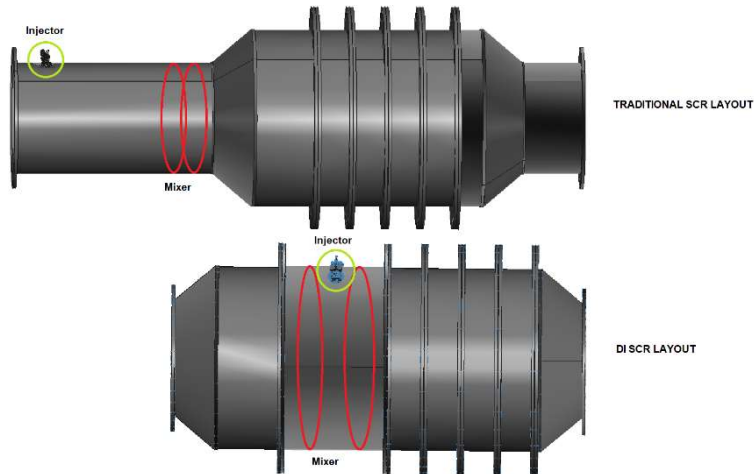


combimix, (combined gas and urea mixer)

On Marine vessel's and in Industrial processes, understanding that the space available for exhaust systems is at a premium has driven the design of combimix. Traditional SCR systems have an area between the urea injector and the catalysts that include a static mixer. We have taken this design and compacted the same methodology into a smaller area.



combimix operates by the exhaust gas passing into the mixing chamber, here it collects the urea that is delivered by injector and enters into a vortex that is created by the unique design of the mixer. Due to this design, speed velocity is reduced, back pressure is kept at normal operation levels, gas and urea are mixed before entering the catalyst, using this system enables a smaller compact design SCR exhaust system.

