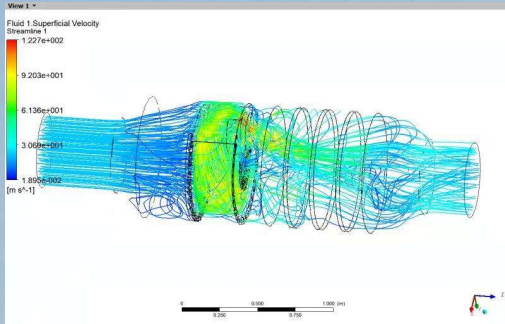
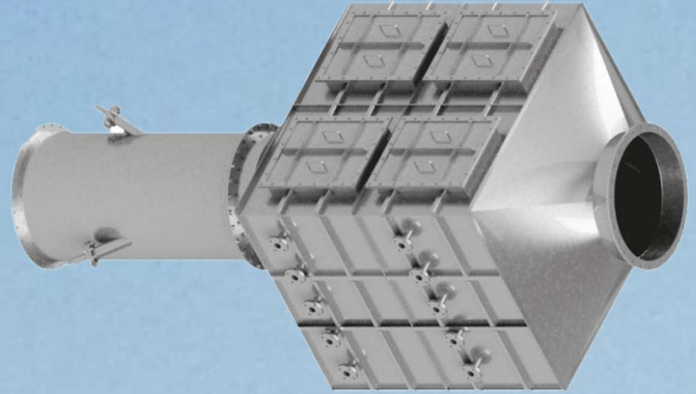


"Understanding that space constraints and cost are important factors when considering purchasing emission reduction systems has driven CatEMission to develop the CEMNOx system".

Traditional SCR exhaust systems can be long in length, have air cooled urea injector's which need compressed air supply, a mixing tube before the catalyst so that the air/urea mixture is completed, then the system can then house the SCR catalysts which completes the reduction of the NOx emissions. These systems can vary greatly depending on engine size.



To this, **CEMNOx** has been developed as a compact, self-sufficient SCR emission reduction system, ideal for engines up to 2 Mw. Key benefits include -

- ✓ Water cooled urea injection
(5L Water and 50L urea day/reserve tanks housed in the Control Cabinet)
- ✓ Combined Urea delivery / mixing system (Combimix) (Designed compact vortex system)
- ✓ Traditional round shaped SCR exhaust system (Better for exhaust gas flow)
- ✓ Metallic SCR Catalyst Substrates (High durability/ low back pressure)
- ✓ Compact Control cabinet, PLC driven (Complete control over urea dosage driven from live signals sent via the SCR exhaust system)
- ✓ No capital investment into a compressed air system.
- ✓ Less space needed to house the SCR system
- ✓ Manufactured to perform to current European MCPD and NRMM directives including Stage V emission levels for stationary engines or IMO Tier levels for Marine applications.

