

Class	CES range	Typical machines / plants
A	CES < 0.10	<p>Metallurgy & High Temperature:</p> <ul style="list-style-type: none"> • BOF / LD / AOD converters • Electric Arc Furnaces (EAF – shell, roof support) • DRI reactors (MIDREX, HYL / Energiron) • Haber–Bosch ammonia reactors (>150 bar) • Blast furnace hot stoves (Cowper – upper structure) • Coke ovens / coking plants • Reformers / process heaters <p>Pressure Equipment:</p> <ul style="list-style-type: none"> • PED / ASME high-pressure vessels (cat. IV) • High-pressure process reactors (>10 bar, high T) <p>Bulk Handling & Mining:</p> <ul style="list-style-type: none"> • Car dumpers / rail car tipplers • Stacker–reclaimers H24 continuous service • Continuous bucket-chain unloaders • Primary conveyors 5000–16000 t/h • Heavy-duty mining machines (iron ore, bauxite, oil sands) <p>Lifting & Harbour:</p> <ul style="list-style-type: none"> • STS container cranes (heavy-duty) • Cranes A8 / M8 (EN 13001 heavy spectrum) • Strategic port loading/unloading systems <p>Fluid & Turbomachinery:</p> <ul style="list-style-type: none"> • HP steam turbines • Heavy-duty gas turbines • Critical process compressors • Cryogenic turboexpanders / LNG cold box systems <p>Civil (Extreme):</p> <ul style="list-style-type: none"> • Extreme thermo-mechanical civil structures