



How can Forta FDX 27 open up new business possibilities?

Forta FDX 27 is a new type of duplex stainless steel that offers a unique combination of high strength and formability together with excellent corrosion resistance. It can open up three important new business possibilities for heat exchanger manufacturers:



Forta

Duplex
& other
high strength

1 – Boost the pressure performance of existing designs

A switch to Forta FDX 27 can offer significant improvements in the strength of existing heat exchanger designs. That enables them to operate at higher pressures to provide significant performance and lifetime benefits for customers.

Most importantly, a switch to Forta FDX 27 is straightforward as it can generally be used with existing tooling without modification. All that is required is adjustment of the process parameters.



2 – Refine existing designs with reduced material thickness

The improved strength of Forta FDX 27 can enable a reduction in material thickness used to manufacture heat exchangers while maintaining the same levels of safety and performance. This can offer significant cost savings.

3 – Develop innovative designs

Forta FDX 27 offers the potential to create new high-performance heat exchanger designs with thinner plates or tubes with thinner walls that save weight. This opens up the potential to address new business areas, especially in applications where weight and the overall footprint are critical considerations, such as offshore installations.