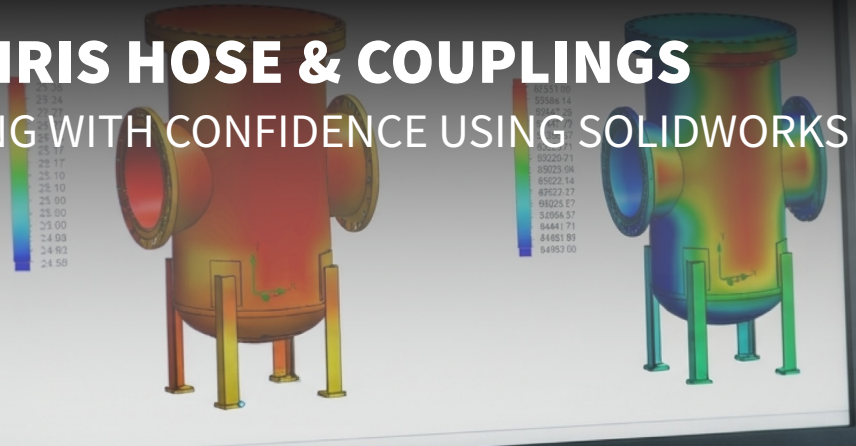




JACHRIS HOSE & COUPLINGS

TESTING WITH CONFIDENCE USING SOLIDWORKS SIMULATION



ABOUT

Jachris Hose & Couplings is a Springs, Gauteng-based supplier of fluid transfer, fluid power, fire suppression, lubrication, and fuel management systems for Africa's heaviest industries.

The company was established in 1976 and delivers its solutions through an integrated on-site service model.

Jachris designs and builds products for heavy mining environments, where everything requires strict safety testing before it goes to manufacturing.

CHALLENGE

Since their products go into heavy mining environments, everything requires strict safety testing. Running massive full-assembly simulations used to consume too much computer processing time on large builds.

SOLUTION

Implementing **SOLIDWORKS Simulation Professional**.

RESULTS

- FEA is now standard before anything goes to manufacturing.
- Submodeling isolates high-stress zones without processing entire assemblies.
- Massive savings on computer processing time during analysis.
- Confirmed safety factors on a 600NB Water Basket Strainer.

“ We are now completely confident in every item we design. ”

Giovanni Fiocchi
Mechanical Engineer