

SPECIALIZED ENGINEERING SERVICES

▶ **Dynamic Balancing**

Troubleshooting & Correction On Unbalanced Rotating Equipment Of Up To 22 tonnes and 4 meter swing diameter



Excessive vibration indicates problems or deterioration in the equipment. If the underlying problems are not corrected, it can cause unacceptable levels of noise, premature bearings failure and damage to the equipment. Eventually reducing the performance efficiency.



**TOTAL INTEGRATED
ENGINEERING SOLUTIONS**

FROM THE LEADER IN SURFACE METAMORPHOSIS TECHNOLOGY



SPECIALIZED ENGINEERING SERVICES

Dynamic Balancing

Dynamic Balancing allows sets of bearing pedestals to be connected to sensors and the unbalance at the two planes can be independently identified, thus reducing vibrations to a level that will prolong the bearing life and will reduce noise levels.



In addition to our standard repair & overhaul procedure. Frontken offers up to 22 tonnes with 4 Ø Dynamic Balancing capability for troubleshooting & correction of unbalanced rotating equipment experiencing vibrations.