

# Coke Oven Pushing Force Measurement



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- Benefits:**
- Reduce the risk of oven damage
  - Prolong oven battery life
  - Identify problem coal blends
  - Identify problem ovens
  - Discover pushing machine defects

Oven charging and heating defects, unsuitable coal blends, excessive wall carbon, bad machine/oven alignment, all result in higher than normal pushing forces. By regular monitoring of oven pushing force it is possible to detect the onset of such problems and hence be able to initiate corrective action before they become serious.



Corus, through its Teesside Technology Centre offer a service covering the design, construction and installation of coke oven force measurement pushing systems of proven reliability.

Teesside Technology Centre also have considerable experience in measurement of other mechanical parameters such as reversing machine forces, door latching forces and door latch motor torque.

Such measurements are made at Corus sites and several others in Europe