

refinery heaters
co boilers
cracking furnaces
waste heat recovery units
reforming furnaces
revamps
spare parts



fired
heater
revamps

a reputation for quality

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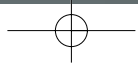
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**plan
early**

**minimise
shutdown**

**cut
costs**



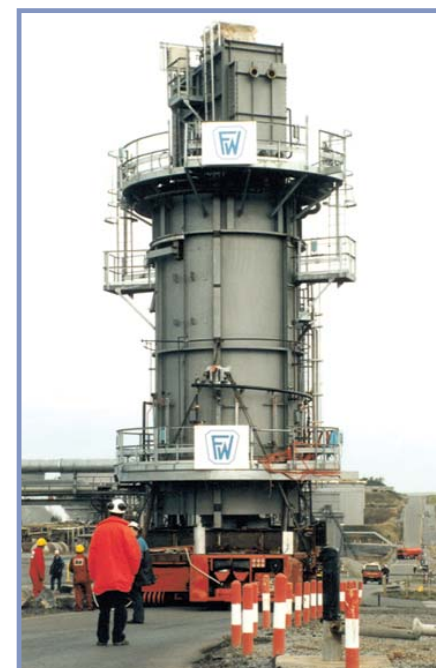
This crude heater was designed with cantilevers to fit onto the foundations of the smaller heater it replaced

A 650-tonne replacement vacuum heater being pushed into place on rails - turnaround, including demolition of the redundant existing heater - only 28 days!



This replacement hydrotreater heater had to be manoeuvred uphill before being lowered onto its foundation

A specially-designed cradle was used to replace the redundant 320-tonne convection section of this twin cell crude heater



WHY Foster Wheeler?

Our fired heater team specialises in the design, supply, construction and revamp of direct-fired process heaters and waste heat recovery units.

As an autonomous division of Foster Wheeler, we offer our services to both engineering contractors and operating companies worldwide.

WHY revamp heaters?

Extend their working life and lower capital investment.

Enhance performance such as duty and efficiency, and increase payback.

Increase run lengths between shutdowns and reduce maintenance costs.

Improve sustainability by reducing environmental impact of emissions and noise.

WHAT benefits do we bring?

Over 70 years of revamp experience, providing innovative solutions to meet our clients' requirements.

With design, engineering, procurement and project management in-house, we can provide conceptual engineering, planning, and cost control, as well as supervision of pre-fabrication, site erection and commissioning.

We can tailor a contracting strategy to suit client requirements.

WHEN should we be involved?

As early as possible!

The secret of cost-effective revamps lies in early development, with our clients, of a safe, practical project strategy and detailed planning to minimise shutdown time.

We can bring our experience of such issues as hazardous materials and lifting limitations to minimise the impact that any unforeseen complications, which may manifest during the shutdown, have upon the schedule.