

# DECORATIVE PREHEATER

## TECHNICAL INFORMATION

### DECORATIVE PREHEATER

Constructed to withstand arduous continuous workloads, the Somerford Decorative Preheater is available in single or twin pot format with a capacity of either 450 or 675 litres per pot. The Decorative Preheater has a choice of heating systems. The diesel fired preheater has a 12/24v DC motor and is supplied with an integral fuel management system linked to independent thermostat control.

The gas fired preheater features a heavy duty, high pressure radial burner that provides direct heat to the preheater base and is fitted with a fully electronic gas management system. Hydraulic paddle drive is provided by an electric start diesel engine, or an optional prime mover driven power take off (PTO) system.

### FEATURES

- Constructed with 10mm boiler plate mild steel walls and 20mm base
- Purpose designed paddles hydraulically driven by a direct coupled motor / gearbox combination unit
- Paddles engaged by a variable speed control lever
- Built in relief valve to help eliminate damage to main shaft, bearings and paddles
- Material agitation paddles incorporate bottom scraper blade to prevent carbon build-up to preheater base
- Tanks insulated with high density ceramic fibre insulation
- Safety material loading hopper to help eliminate material splashback
- Hydraulically operated material discharge valve
- Strategically placed material temperature gauges
- Includes all pipework, safety valves and regulators