

# VERTICAL THERMOPLASTIC PREHEATER

## TECHNICAL INFORMATION

### VERTICAL THERMOPLASTIC PREHEATER

Constructed to withstand arduous continuous workloads, the Somerford vertical thermoplastic preheater is available in single or twin pot format with capacities ranging from 115 litres up to 700 litres. The preheaters have 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 6mm boiler plate mild steel walls and 15mm base Purpose designed paddles hydraulically driven by a direct coupled motor / gearbox combination unit
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- Paddles engaged by a reversible positive stop / start 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
- Strategically placed material temperature gauges
- Includes all pipework, safety valves and regulators

### OPTIONS

- Oil jacketing
- Safety material bag loading system to help prevent material splash back
- Choice of side or rear discharge valves
- Preheater link valve
- Any configuration or specification can be accommodated