

HORIZONTAL PREHEATER

TECHNICAL INFORMATION

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Available in both 350 litre (650kg) and 450 litre (900kg) formats.

The Somerford Horizontal boiler is specially designed to overcome the quality assurance problems commonly associated with heating highway bituminous type compounds and materials. The smaller capacity unit allows the operator greater management over material temperatures, while the higher capacity preheater is recommended for mixing larger volumes.

Hydraulic paddle drive is provided by an electric start diesel engine, or by an optional prime mover driven power take off (PTO) system.

The main shaft bearings are mounted remote to the preheater, and the unit is built with accessible and adjustable packing glands at each end of the shaft to help to eliminate leaks. Components are detachable for routine maintenance.

FEATURES

- Self contained on a skid mounted base
- Built in relief valve to help eliminate damage to main shaft, bearings and paddles
- Horizontal mixing action and paddle configuration to ensure thorough mix of binder and heavier aggregate
- Forward and reverse paddle rotation operated by single control lever
- Heavy duty end plates and sub frames for longer life in arduous highway operating conditions
- Quick-fire procedure to minimise time from cold start to operational working temperature
- Optimum heat control achieved by fully automatic gas management system
- Gas fired option with either fully electronic gas management system or electro mechanical flame fail and thermostat control
- Diesel fired option with integral fuel management system