

The Stenor Merlin vulcaniser was specially developed for the repair of type 1, 2 & 3 fire hose. The factors needed for a successful repair are hose preparation, patch shelf life, correct pressure, time and temperature. The Stenor Merlin features adjustable pressure, adjustable platen temperature and repeatability once the machine has been set for a given type of hose.

Heating unit platen is heated by semi-conductor PTC element. These responsive elements reduce their power output as their temperature increases giving the following benefits:



SKU:3211

FEATURES:

- Short pre-heat time
- Long element life
- Minimal temperature “overshoot”
- Fail safe operation, the platen temperature will not exceed 190°C in the absence of any control

Temperature Controller with digital display of platen temperature with easy adjustment of set point. Accurate control (1°C) is achieved by K type thermocouple sensor on the platen close to the repair. Fail safe (no heating) and error message given in the case of sensor failure. Timer with digital display controls both heating and cool down time and sounds an alarm when total cycle is complete. The timer turns off power supply to the heating unit, so the vulcaniser can be safely left unattended. Pressure adjustment is easily achievable by a few turns of two nuts and a locknut.

Machine can be switched between manual and automatic operation.

Merlin with handwheel featured above is designed for easy adjustment of vulcanising pressure. This feature is especially useful when hoses of differing thickness are frequently repaired. Old Stenor standard machines can be converted to the new system.

Phillips & Smith Limited carry stock of the Stenor hose patches.



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