

# Steam Chest

Codes: ST1 001 + ST1 001A



This piece of equipment enables short lengths of timber to be softened prior to bending in or around a former. For maximum effectiveness, the timber section(s) should be as thin as possible and soaked in water for up to two hours before heating. Several lengths of material can be stacked between temporary wooden spacers in the steam chest. Depending on size and cross section, significant softening will normally occur within 30 minutes .

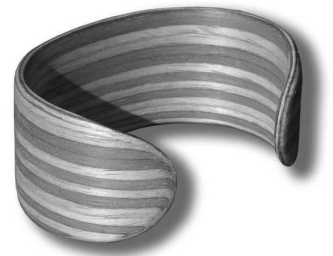
To set up the system, unscrew the steam inlet plate and connect it to the boiler tube. Insert the timber and stack as necessary. Replace the steam inlet plate and stand the steam chest in a suitable place and/or on a shallow tray. If possible, steaming should be done outside to avoid excessive condensation on windows etc. and any running water from the steam outlet holes. The system only uses steam for heating. It is NOT designed for pressure.

## IMPORTANT WARNING:

- The boiler, connecting tube and parts of the steam chest will be too hot to touch, and contact during steaming must be avoided.
- Avoid touching the steam chest near the steam outlet holes at the bottom.
- Before closing the steam chest, always make sure that the steam outlet holes at the bottom of the chest are free from any obstruction.
- During use, keep a constant check on the water level in the boiler.
- Before use ensure that the safety valve in the boiler filler cap is free.

Pupils should NOT be allowed to use the steam chest except under expert adult supervision at all times.

A full risk assessment should be called out prior to use.



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