

APEX Roof

STANDARD LITESTACK CHIMNEY FITTING INSTRUCTIONS

HEALTH & SAFETY

WARNING:

THESE INSTRUCTIONS ASSUME THAT THE CHIMNEY IS BEING FITTED BY A PROFESSIONAL CONSTRUCTION WORKER FAMILIAR WITH HEALTH AND SAFETY ASPECTS OF WORKING ON A BUILDING SITE AND FAMILIAR WITH TIMBER ROOF CONSTRUCTION.

WARNING. *Parts of the Litestack Chimney may be sharp and the construction material can cause irritation to the skin. It is recommended that the protective gloves are worn when handling the chimney and a facemask is recommended to avoid inhaling dust when drilling through the saddle.*

Any warranty will be void if the chimney is not fitted in the manner described in these instructions with the fitting kit provided. Under no circumstances should the saddle be fitted with a nail gun or any attempt be made to pierce the saddle without drilling the correct size hole.

Litestack Chimneys should remain attached to their delivery pallets until they are located ready to be lifted into position onto the roof. Only Litestack lifting harness should be used to lift the chimney.

NB *The chimney saddle is easy to damage once the chimney is removed from the pallet but before it is located on the roof. Care must be taken to avoid sitting the chimney on the ground once this protection has been removed as the saddle is not designed to support the chimney in any position other than its intended location on the roof apex or pitch.*

WARNING *TV aerials or satellite dishes or any similar items cannot be fitted to Litestack Chimneys and doing so will invalidate the warranty. It is the builder's responsibility to ensure that this information is passed onto the owners or purchasers of the property.*

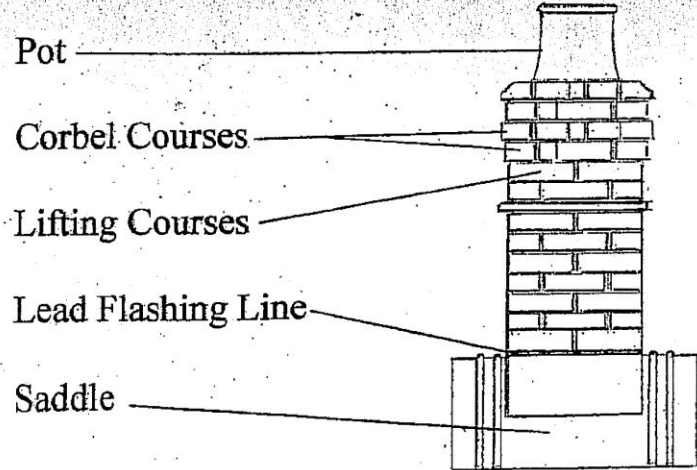
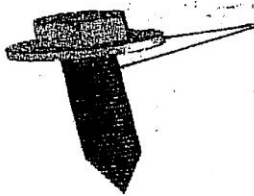
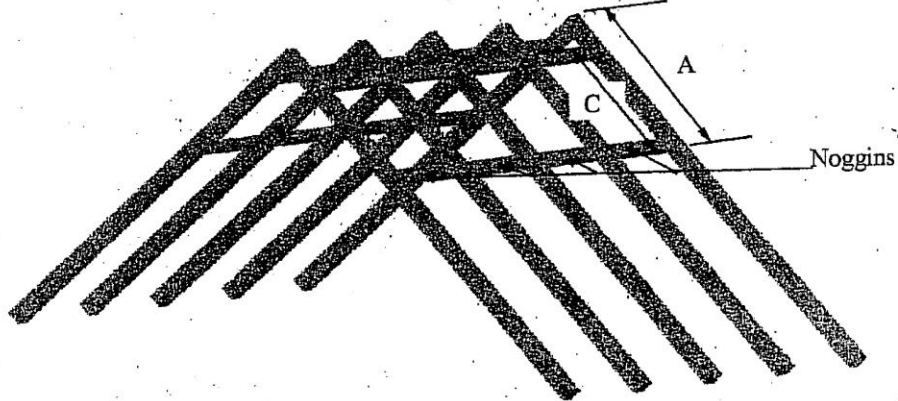
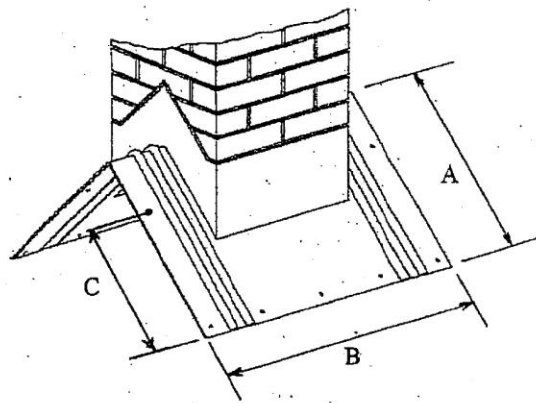


Fig 1



Coach Bolt & Washer

NOT TO SCALE



NB *Litestack* Chimneys should be fitted after the rafters are secured in place but before the roof is felted or the laths are fitted.

STEP 1

Before the chimney is lifted onto the roof measure the saddle dimensions “A”, “B” and “C”. Fit 75mm x 50mm (3” x 2”) noggins flush with outside edge between the rafters and securely attached using appropriate size nails or screws (not supplied) in the locations shown in **Fig 1**. Saddle length varies with chimney size so the number of noggins required to create length B will depend on the rafter spacing and the saddle size. Fit the same noggins to both roof pitches in the same locations. (Not illustrated).

NB HARNESS IS DESIGNED FOR USE WITH *LITESTACK* CHIMNEYS ONLY

STEP 2

Fit the supplied lifting harness to the chimney pulling the adjustable belt strap loosely around the lifting course.

Adjust the four lifting straps by sliding them around the lifting belt so that each one is in the centre of a flat side of the chimney. **Fig 2**.

Tighten the belt strap with the locking cam located on a corner position tight enough so as not to be able to slide over the bottom corbelled course. Make sure the webbing is threaded properly through the clap so as it will not slip. **Fig 3**.

The lifting harness is designed to lift a variety of sizes of *Litestack* Chimneys so there will be a considerable length of spare belt strap on the smaller chimneys. **Care should be taken to ensure the excess belt strap is tucked through the belt loop and any further excess is tied neatly so as not to catch or trap.** The lifting appliance hook should be put through the lifting ring and the saddle should be cut free from the pallet.

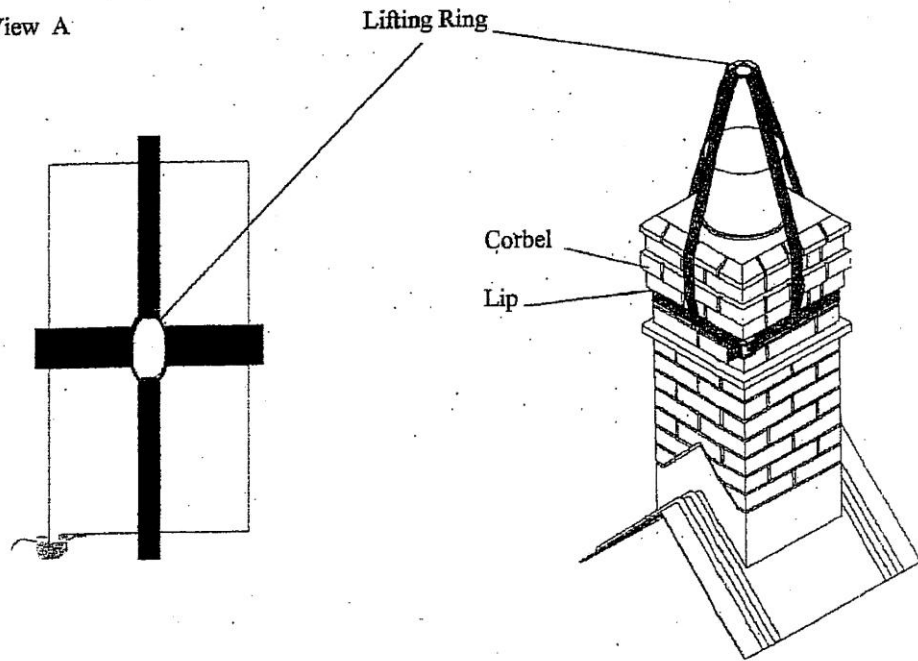
The *Litestack* chimney can now be lifted and lowered into position being careful not to rest the weight of the chimney on the saddle until it is supported by the rafters and noggins.

NB *Litestack* Chimneys vary in weight dependent upon the model. Although they are light by normal chimney standards, care should be taken to ensure the lifting gear used to raise the chimney is of sufficient capacity and reach, individual chimney weights are available upon request from the supplier.

ENSURE STRAPPING IS AS SECURE AS POSSIBLE & MINIMISE ALL SLACK BEFORE LIFTING COMMENCES.

Fig 2

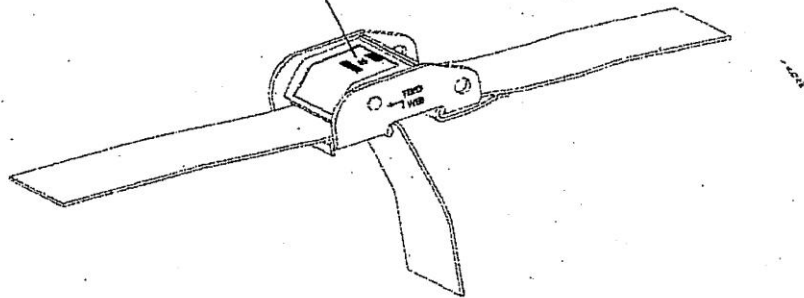
View A



Position Cam as shown above
Take up slack and ensure webbing is located under lip
securely to avoid spillage

Fig 3

Press to Adjust



Pull to tighten
Ensure Cam is threaded correctly and will not allow slack

It is recommended that the lift harness is not released until the chimney has been secured to the noggins and rafters with the coach screws provided.

STEP 3

The saddle is pre-marked to show where to drill through and into the wood below. For the coach screws drill holes **only 15mm deep** using an 8.5mm drill. Fit washer and tap coach screw lightly to bite and screw home securely using 13mm spanner.

STEP 4

On some larger chimneys it may be necessary to fix additional timbers down to ceiling joists, if your chimney has 70mm x 50mm timber extensions extending below the saddle see figure 2.

The 70mm x 50mm extending from the chimney will need additional lengths of 70mm x 50mm (not supplied) screwed to them, long enough to join ceiling joists below and be screwed securely to them.

SPECIAL FITTINGS

The standard fixing kit provided contains 14 coach screws and washers, which are used to fit most chimneys. In addition the fixing kit also includes 4 nuts and 150mm bolts for extra security for chimneys that are higher than 1200mm from the ridge line to the base of the pot. These may also be used in particularly exposed locations renown for high winds. Additional and more substantial noggins may be needed if using the nuts and bolts. If in doubt please contact the supplier for technical advice.

ROOF FELTING

The *Litestack* Chimney is now secured. Roof felt can be fitted in the conventional manner and laid over the saddle and cut as around a conventional chimney.

NB Do not nail through the saddle to secure felt.

TILE LATHS

Tile laths should also be located as per a conventional chimney but again only nailed around the saddle **not nailed through the saddle**. Laths that go straight across the saddle above or below the chimney should be in one piece with no joins. Laths should cross drainage humps in the saddle.

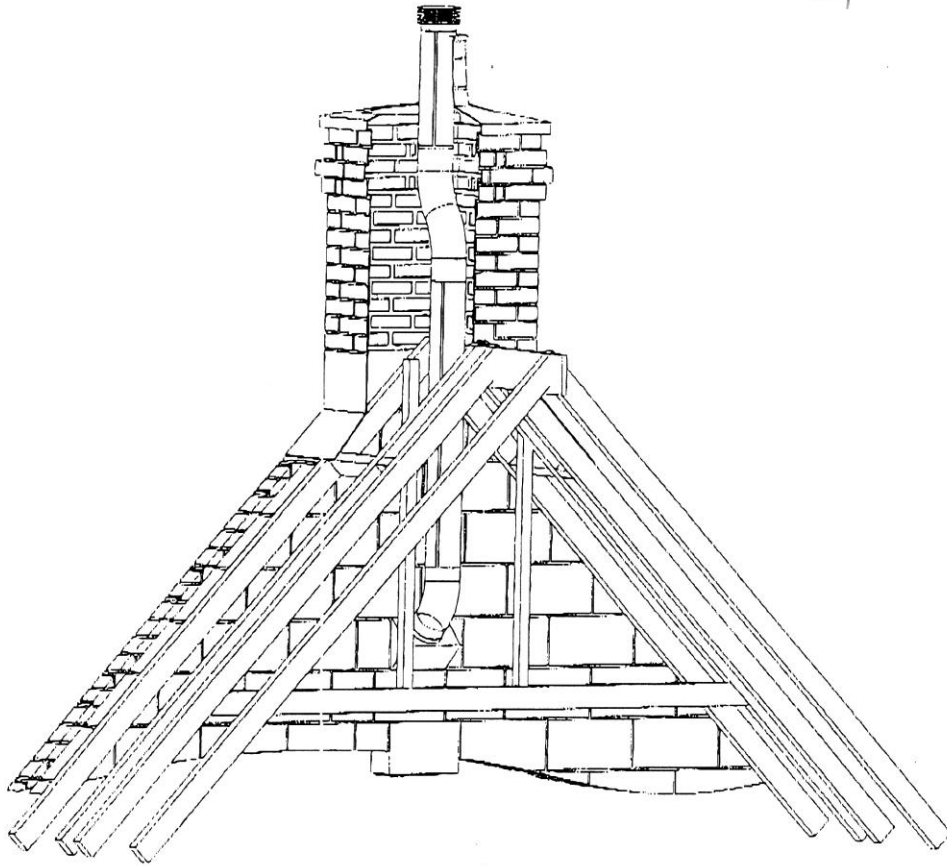
ROOF TILES

Tile as per a roof fitted with a conventional chimney.

LEAD FLASHING

To perfect the authentic look to the *Litestack* Chimney it is designed to be lead flashed in the traditional manner but using the lead flashing channel line where the brickwork meets the grey saddle. A proprietary brand of lead flashing mastic should be used and the lead should flash over the tiles in the conventional manner for a water seal and a traditional appearance.

Typical Flue Arrangement
Grp Chimney



House Martin GRP Ltd.
1 The Square
Old Exeter Street
Chudleigh
Devon
TQ13 0LD

Phone: 01626 853987
Fax: 01626 852981
enquiries@house-martin.com



House Martin

www.hm-online.co.uk