

# Technical specifications

Built  
Environment  
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Smarter  
Transformation

## Offsite Manufacturing Cell

Model name: Combi Wall System WEK120

Manufacturer

Weinmann

Supplier

Homag UK Ltd

Description

A compact combination of a framing station and multifunction bridge for the manufacture of timber frame elements with nailed and/or glued single and/or multiple sheet layers. The framework assembly and element sheathing is undertaken at one work station. Frames with sheathing on one (open panel) or both (closed panel) sides (when used in conjunction with the butterfly tables) can be produced with a high level of quality, accuracy and flexibility by a single operator. The multifunction bridge supports a bank of tools and is expandable as necessary. Tools include nailers, routers, saws, ink jet markers, adhesive applicators and suchlike. BE-ST's bridge currently supports a sheathing nailed, batten locator and nailer and router. The framing station includes a noggin station for installation of noggins and sub-assemblies and the production of spandrel panels.

Manufactured products

Wall, roof, floor and gable elements. Open and closed timber frame panels and cassettes of various configurations with or without openings and battens. The specification of studs, rails, infill and sheathing varies as per panel design.

Machine dimensions

Length: 16000mm Width: 6900mm

Height: 3200mm

Working height: 800mm

Capacity

Element width: 1200-3200mm

Maximum element length: 6000mm

Element height: 75-300mm

Timber thickness: 35-80mm