

Resources required for delivering L2 Diploma in Shopfitting Bench Joinery

Note: Areas and sizes given are the preferable requirements to deliver the qualification.

Work areas

Area 1 Workshop having approximately 2.5m² floor space per trainee to allow for the shopfitting – bench joinery to be carried out.

Area 2 Covered or part covered area of approximately 60m². Where covered the roof clearance height should allow for structures with a ridge height of 6m.

Additionally

Machine area either as part of the workshop or in a separate workshop or bay. Fixed machines must comply with current regulations covering woodworking machines, i.e. unobstructed working space, floor area, temperature, electrics, lighting and noise. Extraction ducting is required to all machines.

Tools & Equipment

Portable electric power tools are likely to include

- Jigsaws, circular, power-drills (mains and cordless), portable sanders (orbital or palm) screwdrivers (mains and cordless), powered planers, portable routers, mitre saws.

Hand Tools

- Handsaws – rip saws, cross cut saw, tenon saw, dovetail saw, coping saw, hammers & mallets, planes (Jack, smoothing) spokeshave, wood chisels, boring tools, screwdrivers, cramps & holding devices, workbench holding devices, bradawls

Measuring and Marking out equipment

- Rules, tapes, marking gauges, try squares, combination squares, scribing tools, mitres, spirit levels

Workbenches for measuring and marking out, work holding equipment (e.g. clamps and vices), for producing woodworking joints and components

Sharpening equipment for sharpening and maintaining basic handtools, chisels, planes.

Cutting, shaping and finishing machinery

- Bench/table circular saw, dimensional saw, band saw, mortise machine, surface planer, sander

Other

- Replacement circular and band saw blades of different widths and dimensions.
- Fixtures and fittings e.g. screws, brackets, nails, ironmongery e.g. handles, latches, hinges.

Materials & Resources

Standard lengths and widths of the following timber and timber based products

- Rough sawn timber
- Soft wood planed timber (planed two sizes or all round PAR)
- Manufactured board
- Timber sheets

Various types of adhesives for jointing

- Fixtures and fittings e.g. screws, brackets, nails, nuts and bolts
- Ironmongery, locks, handles, hinges
- Selection of setting out rods and cutting lists.
- Selection of different grades of glass paper.

Personal Protective Equipment – appropriate and adequate supplies of: gloves, eye and ear protection, protective clothing, masks/respirators, barrier creams etc.

Storage Areas

- ▢ Secure, covered areas (internal or external) with racking for storing timber.
- ▢ Secure, dry and ventilated areas for storing lengths of timber, hand tools, portable power tools and hardware items, preferably integral to the workshop.

Waste Disposal

Designated area for skips, bags or other means of waste disposal.

NOTE: each practical assignment for this qualification will outline further resource requirements.