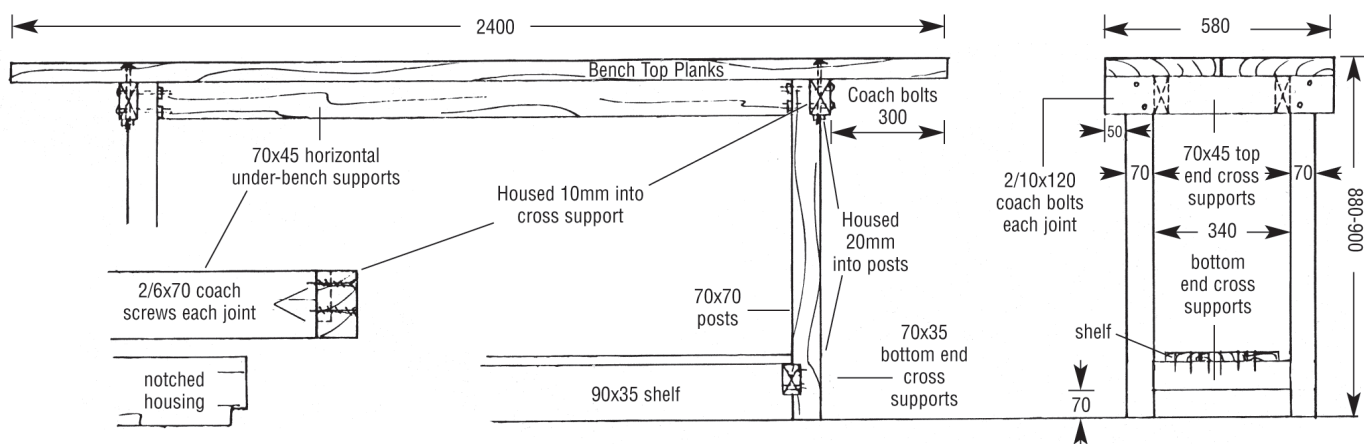


HOW TO

BUILD A WORK BENCH

Having a work bench will make a noticeable difference to the ease with which you can make things or do repairs around the house. This easy to build bench can be shortened to fit a particular space or adjusted for height. By fitting a vice to the bench, you will find your work centre becomes even more versatile.



WHERE TO BEGIN

Cut the four posts to length. Cut the 20mm housings to receive the top and bottom end cross supports. Bevel the corner to desired shape. Cut the top and bottom cross supports to length and bolt into their housings. Cut the horizontal under bench supports to length. Then cut their ends to notch into 10mm deep notched housings at the two end cross supports. Cut the notched housing in the two cross supports. Locate the housing to arrive centrally below the bench tops. Bolt the under bench supports into their housings using coach screws. Cut the shelves to length and screw fasten to the bottom cross supports. These could also be edge glued to increase their strength. Cut the top planks to length and bolt to the cross supports at each end. Screw fasten their centres to the horizontal under bench supports with 3/70x12g screws equally spaced along each plank. Dress and sand bench corners. Install a vice if required.

MATERIALS

TIMBER

Use either pine or seasoned hardwood in a dressed finish.

Legs: 70x70mm-4/900mm

Top Planks: 240x45mm 2/2400mm or as desired

Horizontal under-bench supports: 70x45mm-2/1800mm or as desired.

Top end cross supports: 70x45mm-2/600

Bottom end cross supports: 70x35mm-2/600

Shelf: 90x35mm-3/1800 or as desired.

BOLTS

• For top and cross supports to posts:

8/10x120mm round head coach bolts

• For bottom ends: 8/10x100mm

For bench tops to cross supports:

8/10x100mm

SCREWS

• For end joints of horizontal under bench supports 8/70x6 gauge coach screws

• For shelf to bottom cross support:

12/50x8 gauge c/s particle board screws

• For through bench tops to horizontal under bench supports: 6/70x12 gauge counter sunk screws

OTHER

• Sandpaper

• 1L polyurethane

TOOLS

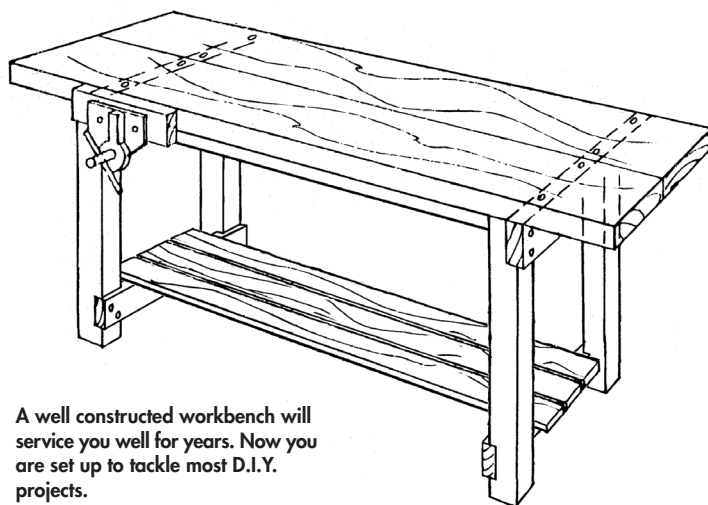
- Measuring tape
- Square and pencil
- Fine toothed panel saw or power saw with fine toothed blade
- Powered driver or drill bit for 10g screws and 10mm bit for bolts.

SAFETY

- Read the instructions before beginning your project.
- Wear an approved dust mask when cutting, planing or sanding timber AS/N251716.
- Always keep tools and materials away from children.
- Safety glasses and ear protection should be worn at all times.

FINISHING

For a final finish apply three coats of polyurethane. Building your own work bench may require a symbolic gesture on your part especially if you have used expensive timber or wish to make it an heirloom. Why not carve your initials and date of construction in the corner.



A well constructed workbench will service you well for years. Now you are set up to tackle most D.I.Y. projects.

Although every care has been taken to ensure that the information and advice given in this guide is authoritative no legal liability is accepted for such information and advice.