

## DESCRIPTION

The Handyman® Modular Furniture system employs an adaptable tube-and-jointer modular construction concept for DIY custom-designed furniture, shelving, storage and display units.

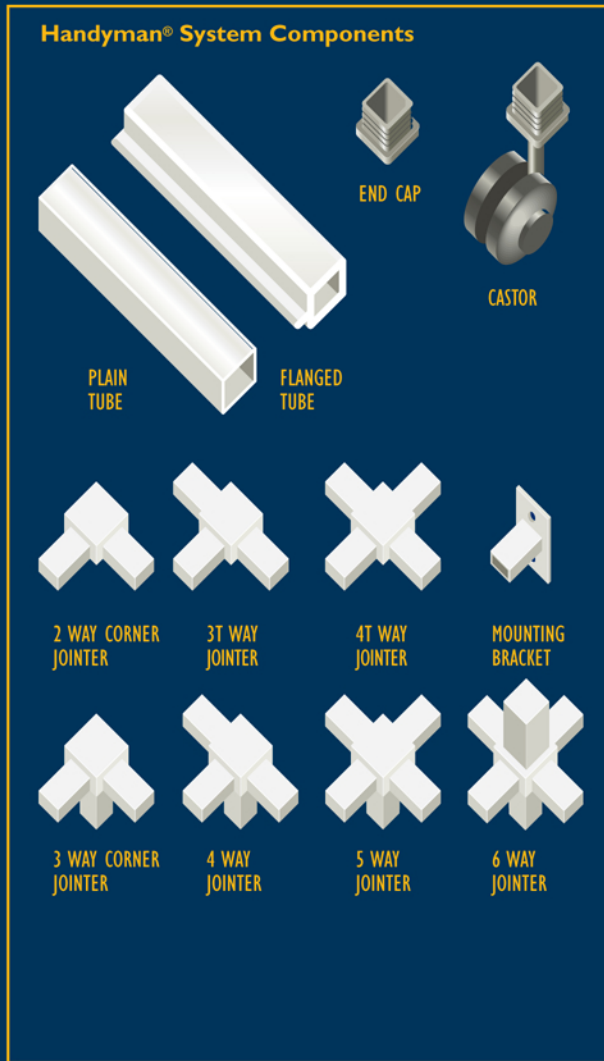
This aluminium square-tube system assembles in minutes, using only a plastic mallet, ready to accept horizontal and vertical panels of your choice. The sturdy, lightweight construction disassembles for transit or storage and can be rearranged or extended for changing circumstances.

## Introduction

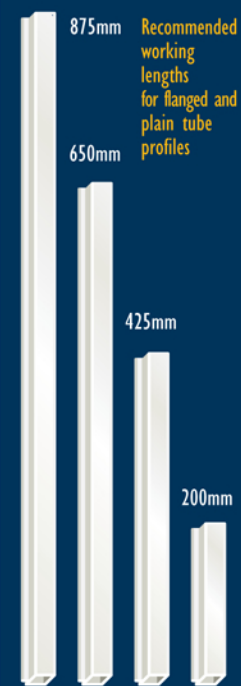
Carefully plan your assembly before you purchase your Handyman components. To ensure sturdy construction, spans between joints should not exceed 960mm.

The system features a flanged tube specially designed to fit your choice of panelling in two thicknesses, flush with the frame, simply by turning the profile 180°, eg:

25mm flanged tube frame carries 18mm timber or 6mm glass.



## Tube module examples



## Preliminary planning

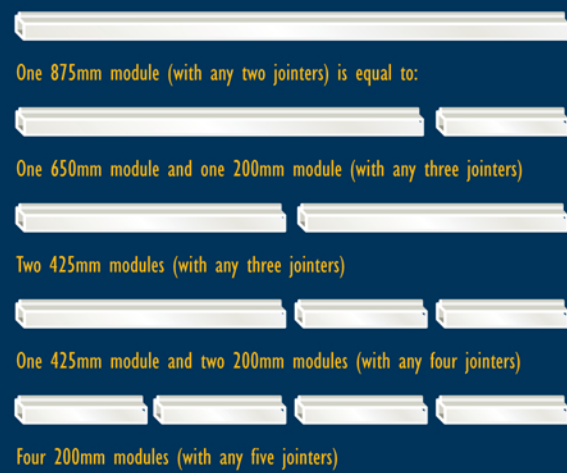
To simplify planning and assembly, minimise the number of different tube lengths for your construction to as few as possible. You need only four standard tube lengths as the basis for many different types of construction.

All furniture samples in this brochure have all been based on the four tube modules at left.

In assembly, they conform to accepted ergonomic work-height standards for desks and benches, and generally cater for typical dimensions of home appliances, computers, office files and books.

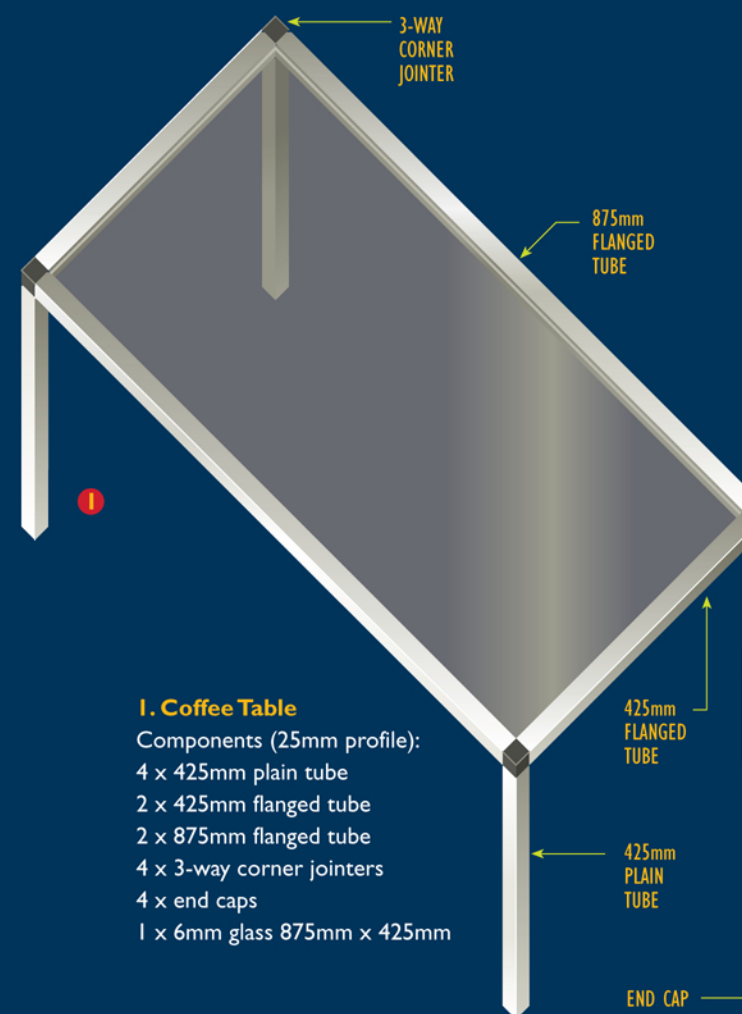
## Using modular tube for simplicity and flexibility

Note how jointed selections of shorter modules combine in various ways to equal the lengths of jointed longer tube modules. This offers multi-strata design flexibility, vertically and laterally, to customise storage or workspace with maximum efficiency and economy.



Modularising ensures even finished widths and heights in the assembled unit no matter how varied the construction, eg: several narrow filing compartments above or below a wider desktop.

## SIMPLE CONSTRUCTION EXAMPLES



### 1. Coffee Table

Components (25mm profile):  
 4 x 425mm plain tube  
 2 x 425mm flanged tube  
 2 x 875mm flanged tube  
 4 x 3-way corner jointers  
 4 x 4-way corner jointers  
 4 x end caps  
 1 x 6mm glass 875mm x 425mm

### 2. Coffee Table with Magazine Shelf

Components (25mm profile):  
 8 x 200mm plain tube  
 4 x 425mm flanged tube  
 4 x 875mm flanged tube  
 4 x 3-way corner jointers  
 4 x 4-way corner jointers  
 4 x end caps  
 1 x 6mm glass 875mm x 425mm  
 1 x 18mm timber 875mm x 425mm

### 3. Potplant stand

4 x 200mm plain tube  
 8 x 425mm plain tube  
 4 x 425mm flanged tube  
 4 x 3-way corner jointers  
 4 x 4-way corner jointers  
 1 x panel 425mm x 425mm (18mm timber or 6mm glass)  
 4 x end caps

### 4. Bookcase

12 x 200mm plain tube  
 8 x 200mm flanged tube  
 4 x 425mm plain tube  
 8 x 650mm flanged tube  
 4 x 3-way corner jointers  
 12 x 4-way corner jointers  
 4 x shelves 650mm x 200mm (18mm timber or 6mm glass)  
 4 x end caps

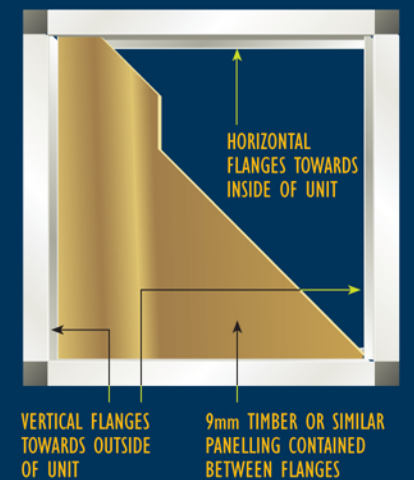
### 5. Foyer Table and Plant Stand

8 x 200mm plain tube  
 2 x 200mm flanged tube  
 3 x 425mm plain tube  
 6 x 4-way corner jointers  
 4 x 425mm flanged tube  
 2 x 650mm flanged tube  
 4 x 3-way corner jointers  
 6 x end caps  
 1 x panel 650mm x 425mm  
 1 x panel 200mm x 425mm (18mm timber or 6mm glass)

### 6. Computer Desk

12 x 200mm plain tube  
 10 x 200mm flanged tube  
 10 x 425mm plain tube  
 2 x 425mm flanged tube  
 10 x 650mm plain tube  
 1 x 875mm plain tube  
 10 x 875mm flanged tube  
 8 x 3-way corner jointers  
 4 x 3T-way corner jointers  
 14 x 4-way corner jointers  
 2 x 4T-way corner jointers  
 4 x shelves 875mm x 200mm  
 1 x desktop 875mm x 650mm

Drawings are schematic and are intended to demonstrate examples of use.



VERTICAL FLANGES TOWARDS OUTSIDE OF UNIT  
 9mm TIMBER OR SIMILAR PANELLING CONTAINED BETWEEN FLANGES

## VERTICAL PANEL INSTALLATION

Handyman flanged tube profiles allow tidy fixing of vertical side panelling without additional fasteners. The technique is more suitable for small units and lightweight storage, since the technique employs four flanged tubes towards the sides of the unit. This means that horizontal shelves are supported on only two flanges rather than four. Very heavy items on large shelves may cause warping, bending or breakage.

1. In this assembly, the flanges on the top and bottom (horizontal) tubes are nearest the inside of the unit. The vertical tube flanges are nearest the outside of the unit. The vertical panel is locked against movement in any direction.

2. Assemble the unit as far as the base and sides, with the jointers driven fully into the tubes. Slide the vertical panel into the space between the flanges. Pre-assemble the last flanged tube with jointers to secure the panel and complete the assembly.