

**THE INFORMATION IN THIS PACK IS INTENDED TO
ENABLE DESIGNERS AND ARCHITECTS TO:**

- › **SELECT THE APPROPRIATE CASK ALE
STILLAGING EQUIPMENT FOR THE GIVEN
CELLAR.**
- › **PLAN THE CELLAR LAYOUT USING SCALE
DRAWINGS.**
- › **MAKE PROVISIONS FOR WORKING AREAS**
- › **PROVIDE THE OPTIMUM CONDITIONS AND
SPACE ENVELOPE.**

**THE CD CONTAINED IN THIS PACK HAS SCALED
DRAWINGS OF EACH RACK OPTION (TWO TIER ONLY)
AND SCALE DRAWINGS OF THE LIFT TRUCK AND
OPERATOR. THE FILES PROVIDED ARE *.DWG AND
*.DXF FORMAT. THE FILE NUMBERS (F#####)
CORRESPOND TO THE 'F' NUMBERS ON THE PRINTED
PAGES ENCLOSED.**

**IF YOU REQUIRE ANY FURTHER ASSISTANCE, PLEASE
DO NOT HESITATE TO CALL FILTON ON 01323 416948.**

A DESIGNERS GUIDE for the FILTON CASK HANDLING SYSTEM

Issue 1



FILTON
BREWERY PRODUCTS

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WHAT IS IT?

The FILTON Modular Cask Handling System provides a highly flexible means of storing and serving cask conditioned ales. The modularity allows configurations to suit all cellars and virtually all user demands.

The prime function of the system is to provide

- Maximum yield from casks.
- Safe controlled cask handling with minimum effort.
- Condensed storage space.
- An organised, easy to clean workspace

The system comprises 3 parts:

Autotilt Stillages

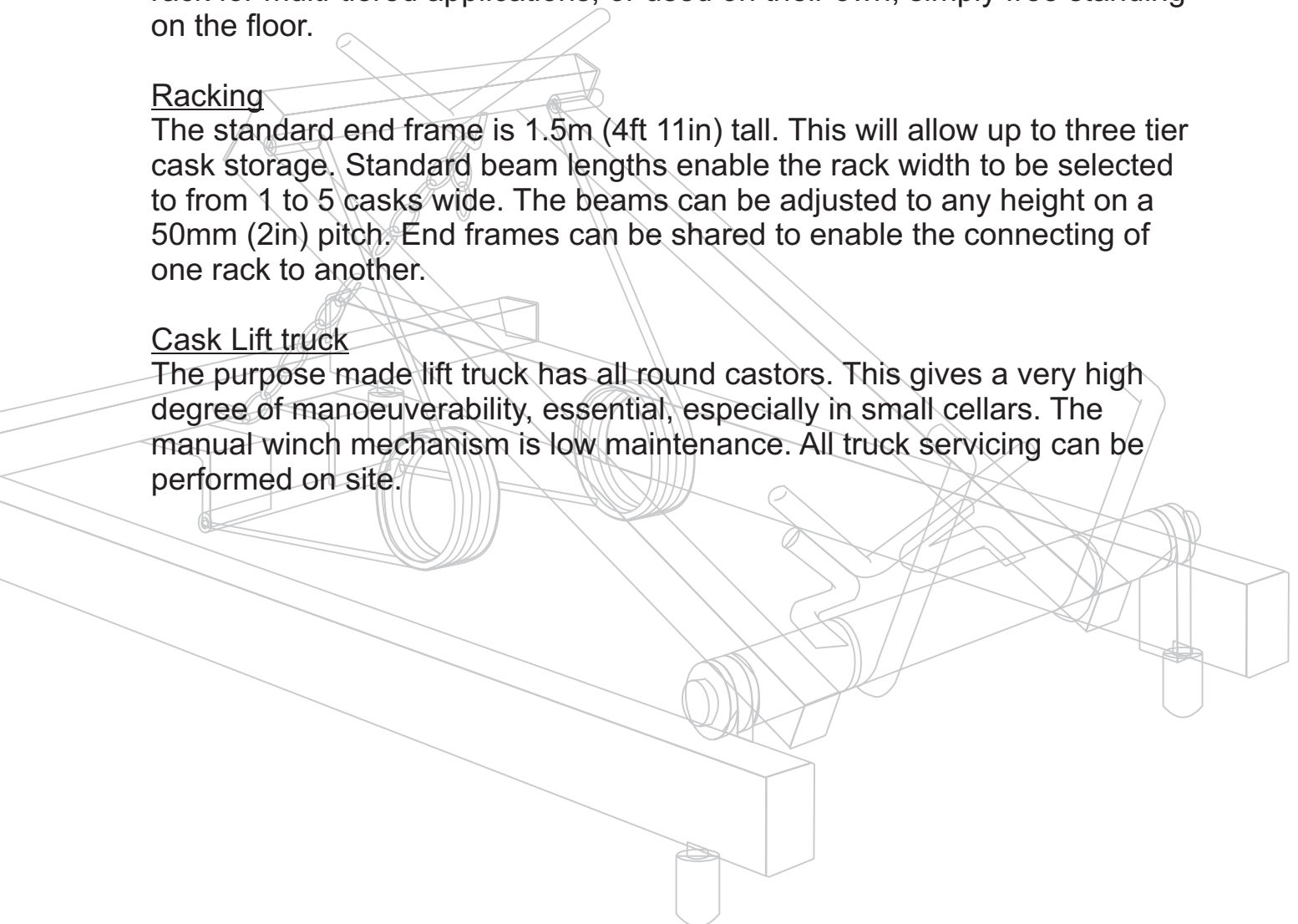
These provide a safe cradle for the cask during lifting and are the key to maximising yield. The tilt is adjustable up to an angle of 22 deg, this allows all useable beer in the cask to be served, leaving as little as half a pint in the cask (dependant on cask type). Autotilts can be used in conjunction with a rack for multi-tiered applications, or used on their own, simply free standing on the floor.

Racking

The standard end frame is 1.5m (4ft 11in) tall. This will allow up to three tier cask storage. Standard beam lengths enable the rack width to be selected to from 1 to 5 casks wide. The beams can be adjusted to any height on a 50mm (2in) pitch. End frames can be shared to enable the connecting of one rack to another.

Cask Lift truck

The purpose made lift truck has all round castors. This gives a very high degree of manoeuverability, essential, especially in small cellars. The manual winch mechanism is low maintenance. All truck servicing can be performed on site.

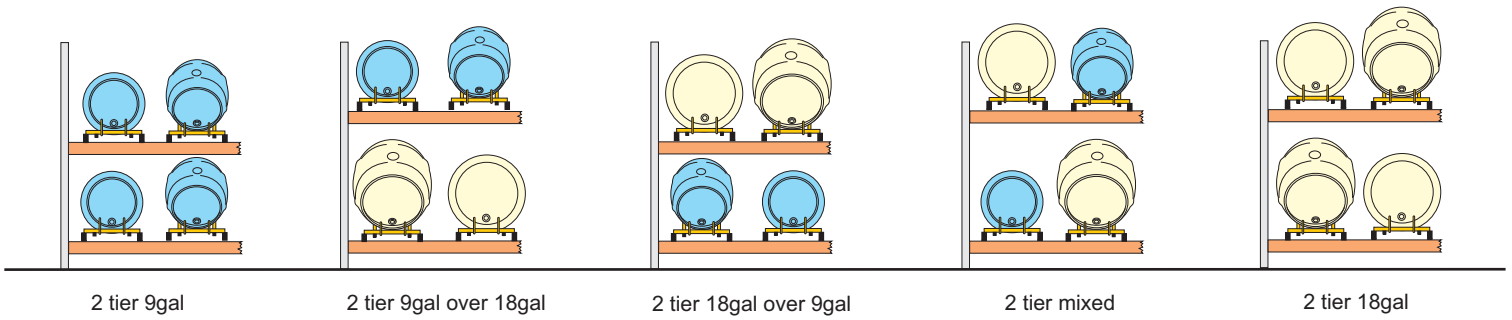
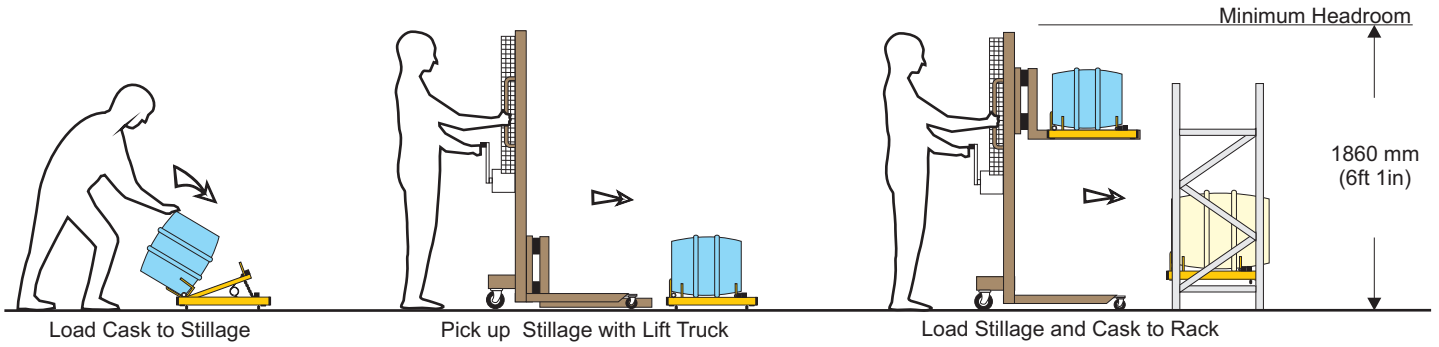


Configuration Options

using standard racks and lift truck

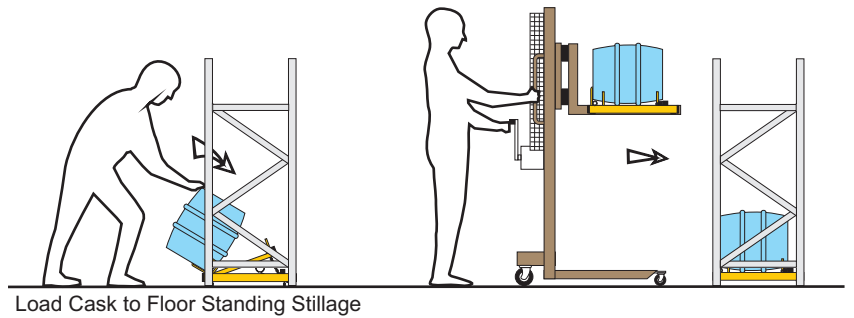
Because of the modular nature of the Filton Stillaging system, there are many possible configurations. The following looks at how the casks may be arranged in two or three tiers on racks with standard 1500mm tall end frames, and loaded using a standard cask lift truck.

When all casks can be accommodated in the available space with two tier racking, the following cask configurations are possible

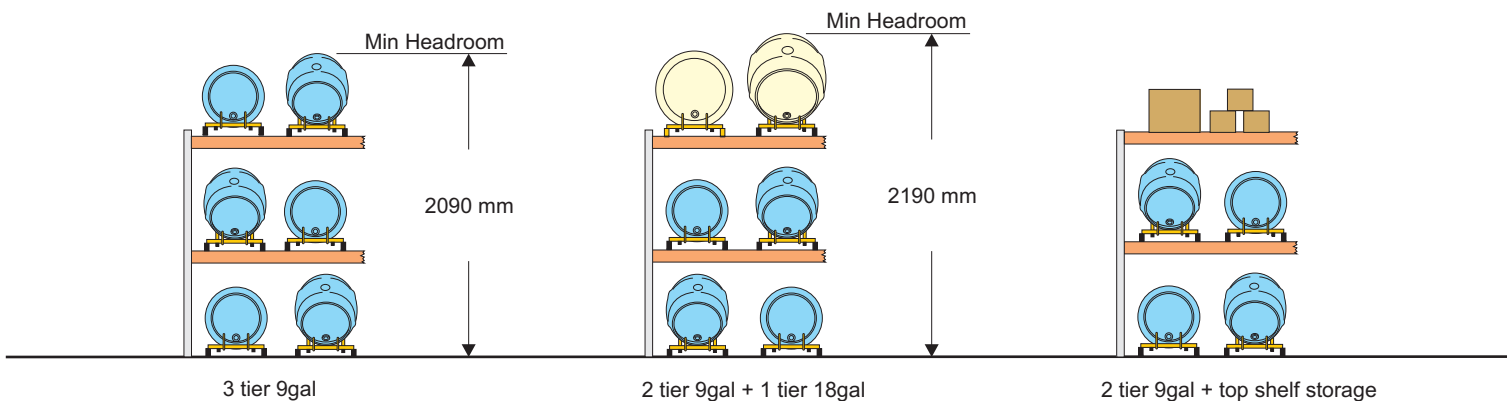


Where floor space is at a premium, but height is not. The casks can be arranged in three tiers. These configurations have the bottom stillage free standing on the floor, and casks are loaded with the stillage in situ.

All casks must be in vertical alignment to permit use of the lift truck, so where 18 gal casks are to be used on the top shelf, these will set the spacing for all casks below.



NOTE! When using standard height racks for three tier stacking, 18gal casks can only be placed on the top beams.

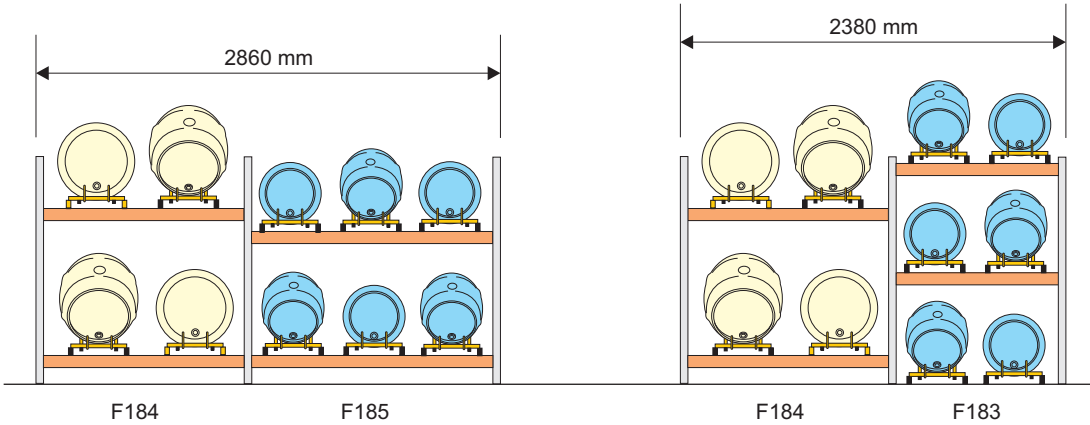


Configuration Options (cont'd)

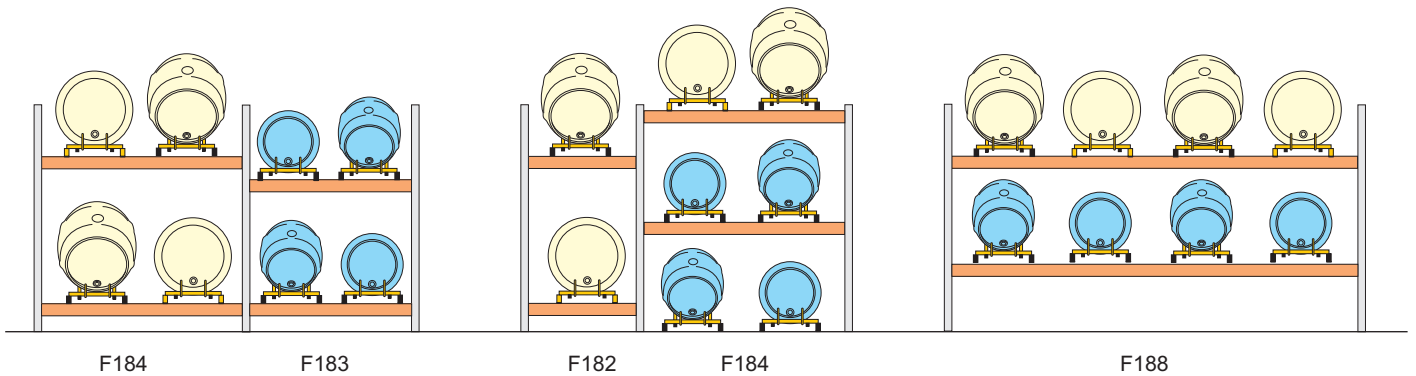
using standard racks and lift truck

Use the modularity to make the most of the available height or floor space.

Racks can be joined on a common end frame. To find the overall width, add the lengths of the two separate racks and deduct 50mm.

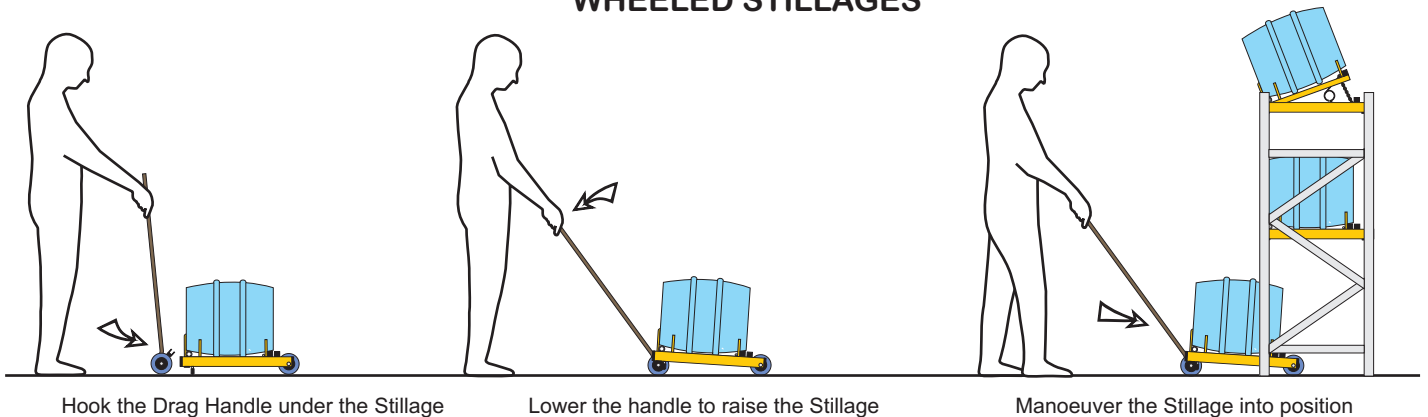


This example shows how stacking the 9 gal casks three tier, saves 480mm off the width while storing the same casks.



Here, the same casks are stored in three different ways, each offering different advantages


WHEELED STILLAGES




Where stillages are free standing on the floor, as with a three tier rack, a wheeled stillage may be used. A wheeled stillage uses a fully steerable trolley to raise the front feet off the floor and provide an easy way to manoeuvre a full cask and stillage. Wheeled stillages are sometimes used to bring casks from the delivery point to the cellar in smaller outlets.

Specifying the Correct Equipment

Use the configuration options on the previous pages and the table below, to specify the rack(s) you need.

Filton Ref	Overall width - mm (ins)	Casks per shelf
F182	755 mm (29.7 in)	 or 
F183	1130 mm (44.5 in)	
F184	1300 mm (51.2 in)	 or  + 
F185	1610 mm (63.4 in)	
F186	1885 mm (74.2 in)	 or  + 
F187	2090 mm (82.3 in)	
F188	2570mm (101.2 in)	 or 

 = 9,10 or 11 gal casks

 = 18 or 22 gal casks

Your order should include the following:

- The selected rack(s) identified by the appropriate 'F'no(s).
- The Stillages - F136 for 9, 10 or 11 gal casks. F249 for 18 or 22 gal casks.
- The Lift truck - F130
- Wheeled Stillages if required - F196 for 9, 10 or 11 gal casks.
- Drag handle if required - F197

REMEMBER! You will need to allow for AT LEAST two cask positions for each brand.

NOTE! Where a cellar has special conditions i.e. Low ceiling, flooring unsuitable for lift truck, cellar plinths or other obstacles, we will offer an alternative solution. Talk to us to arrange a site visit.

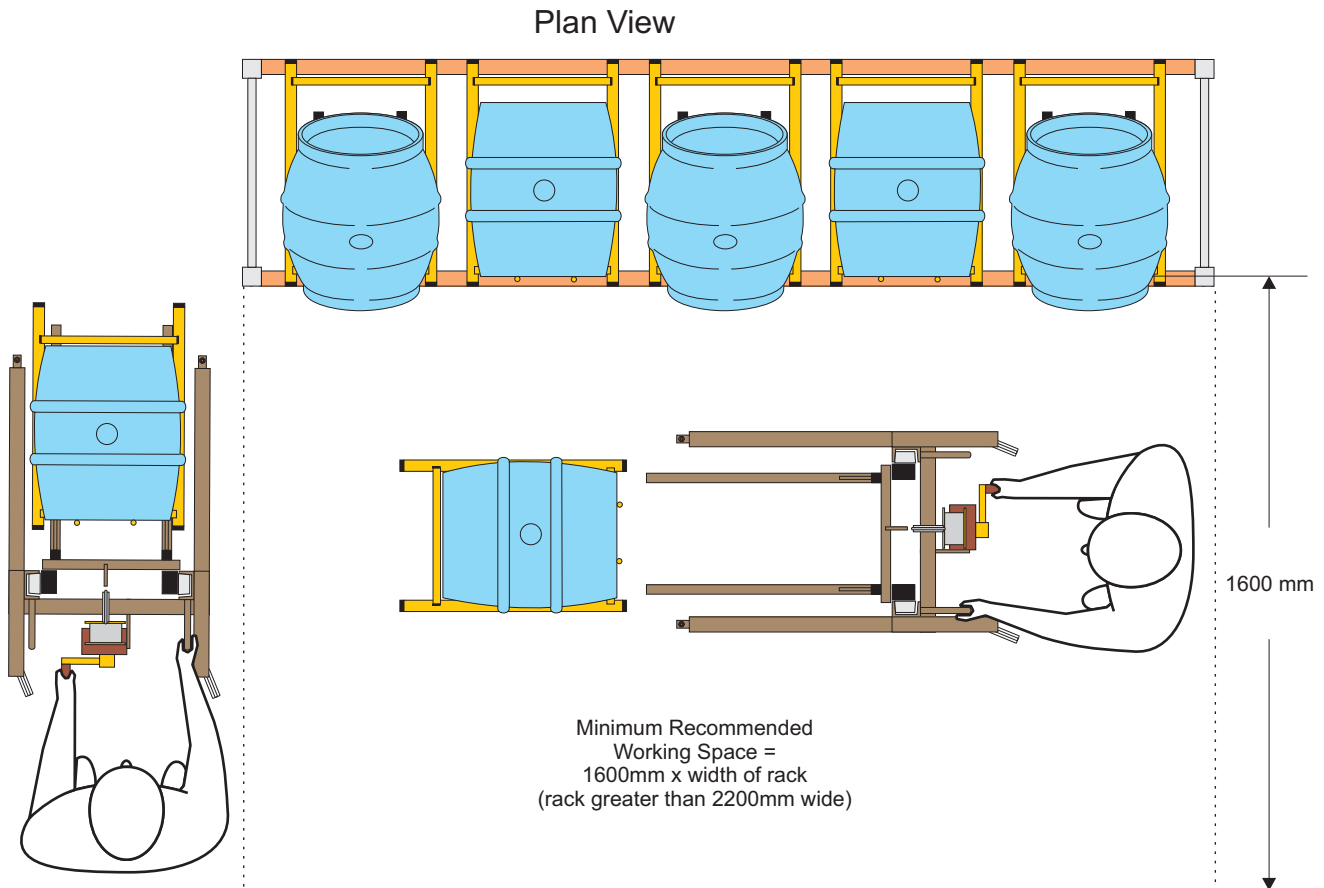
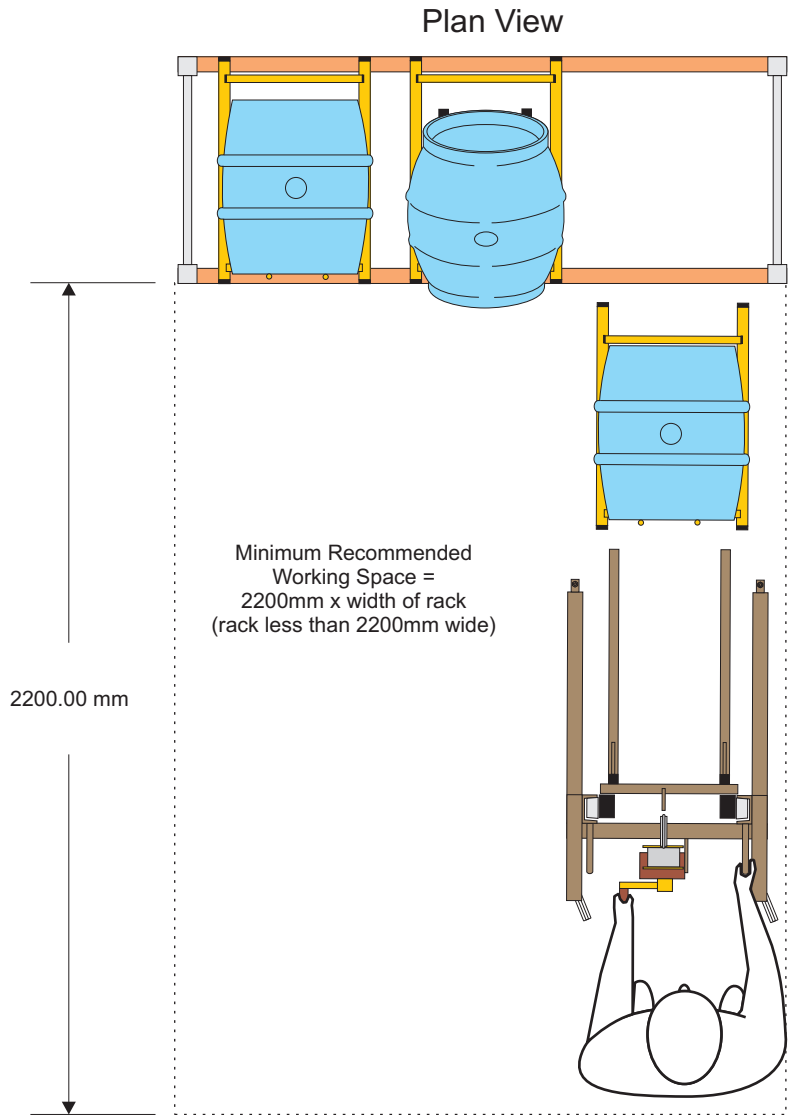
WORKING AREA

To enable safe handling of beer casks there should be a permanent working space in front of the rack.

It is a good idea to paint a line on the floor showing the extent of the working area and to make it known to staff that the marked area is to be kept clear.

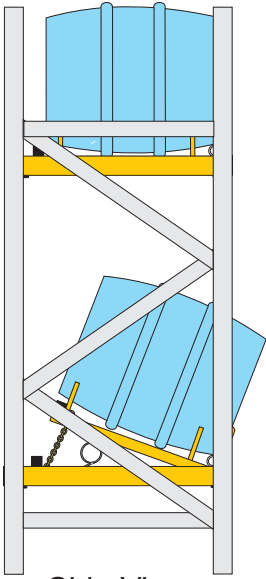
For narrower racks (less than 2200mm wide) allow 2200mm in front of the rack. For racks more than 2200mm wide, this can be reduced to 1600mm.

THE FLOOR OF THE WORKING AREA SHOULD BE FLAT, SMOOTH AND FREE FROM DRAINS OR OTHER OBSTACLES. THERE SHOULD BE A MINIMUM CLEAR HEADROOM OF 1860MM OVER THE WORKING AREA AND THE RACK.



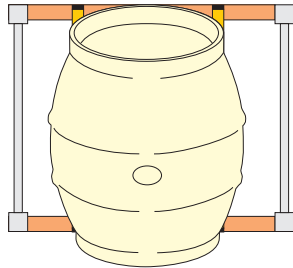
RACK PRODUCT CODE - F182
Overall Rack Width: 755mm (2ft 5 3/4in)

CASKS PER SHELF:
1 x 9gal
or
1 x 18gal

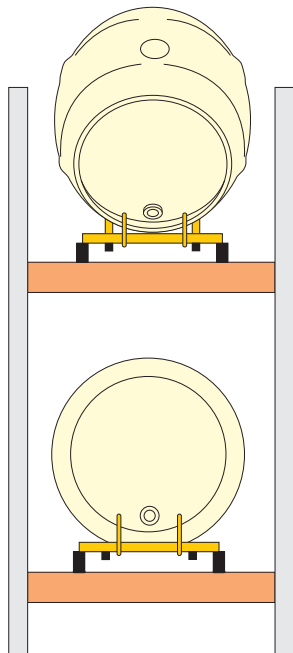
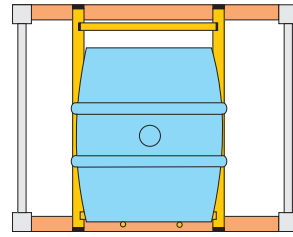


Side View

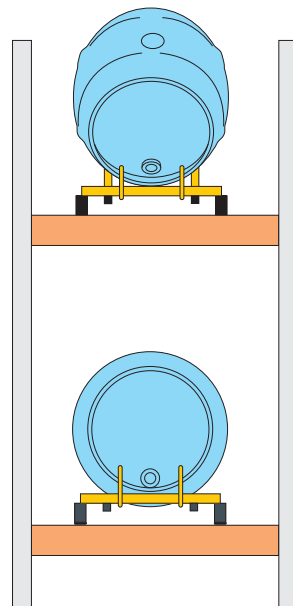
Plan View



Plan View



Front View

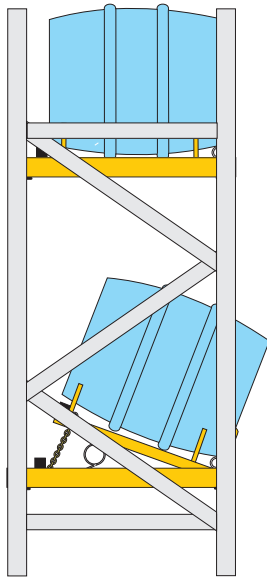
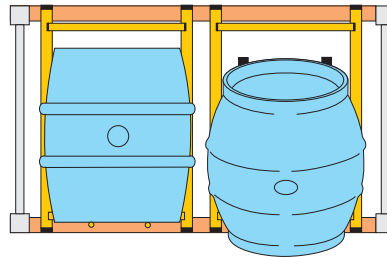


Front View

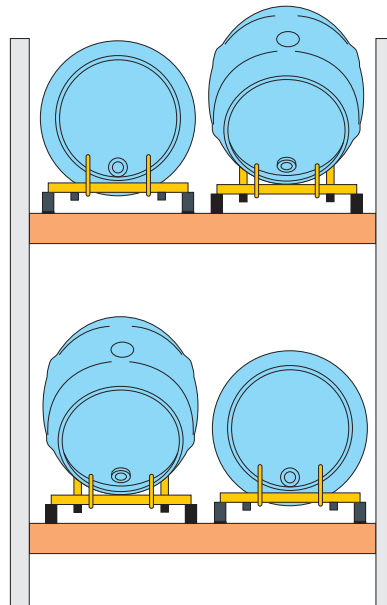
RACK PRODUCT CODE - F183
Overall Rack Width: 1130mm (3ft 8 1/2in)

CASKS PER SHELF:
2 x 9gal

Plan View



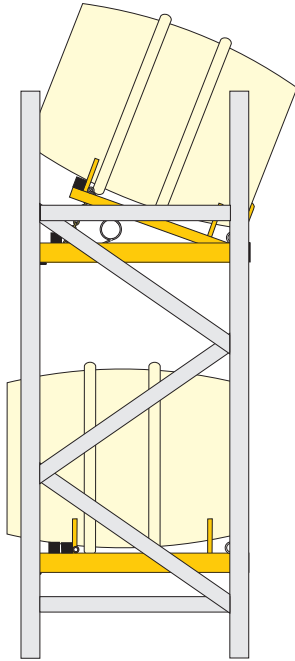
Side View



Front View

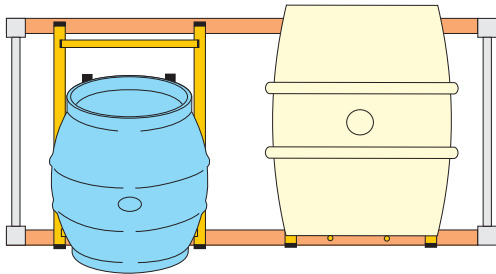
RACK PRODUCT CODE - F184
Overall Rack Width: 1300mm (4ft 3in)

CASKS PER SHELF:
2 x 18gal
or
1 x 9g and 1 x 18gal

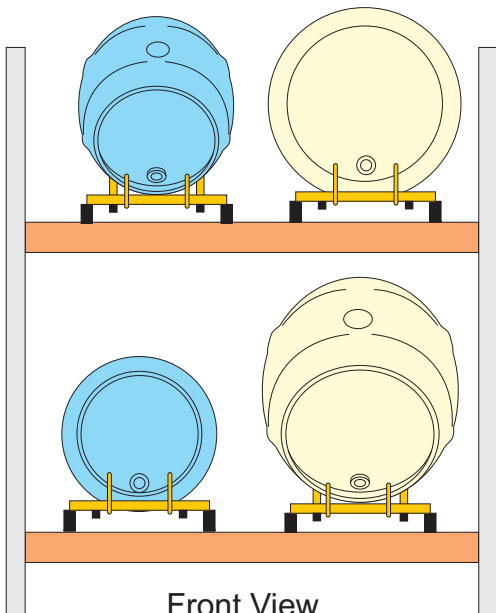
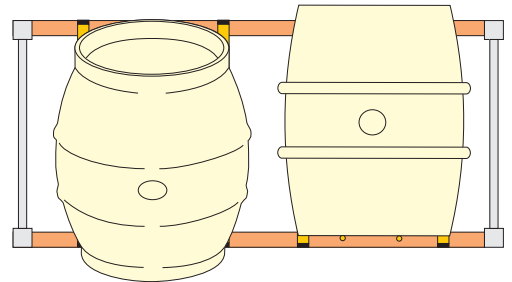


Side View

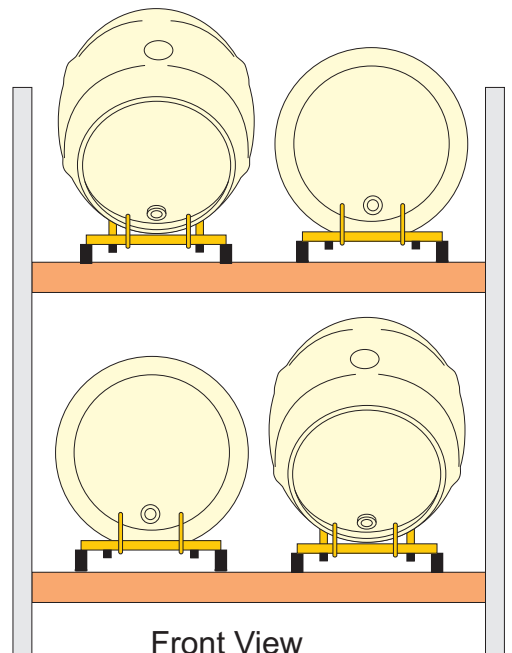
Plan View



Plan View



Front View

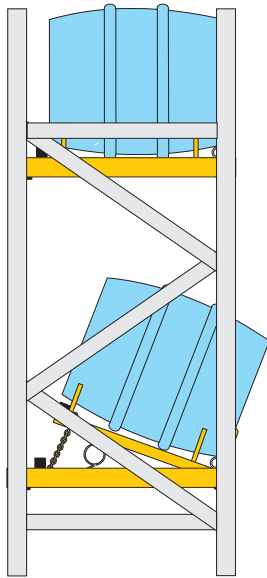
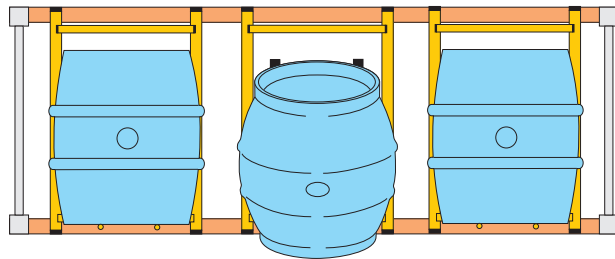


Front View

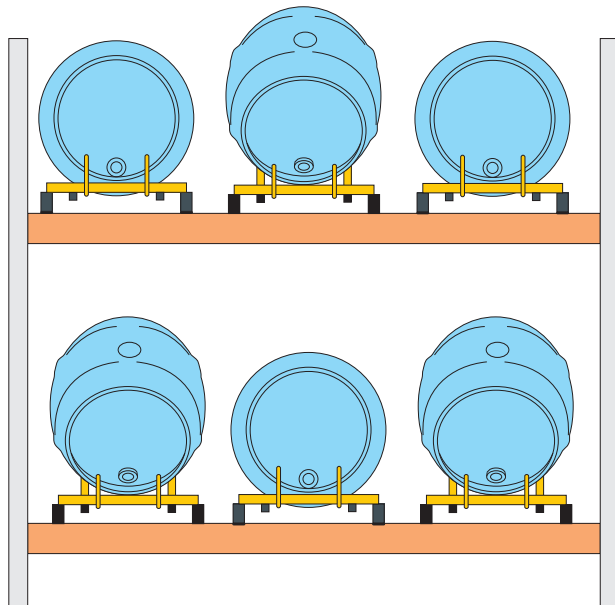
RACK PRODUCT CODE - F185
Overall Rack Width: 1610mm (5ft 3 1/2in)

CASKS PER SHELF:
3 x 9gal

Plan View



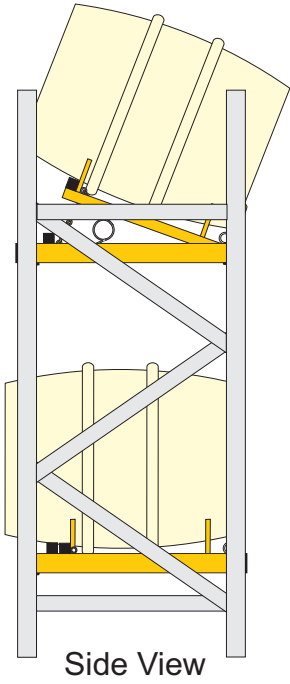
Side View



Front View

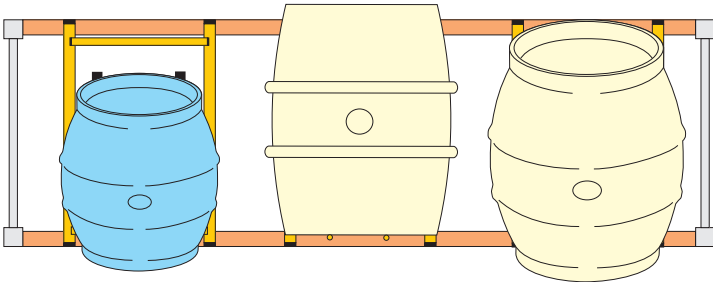
RACK PRODUCT CODE - F186
Overall Rack Width: 1885mm (6ft 2in)

CASKS PER SHELF:
3 x 18gal
or
1 x 9gal and 2 x 18gal

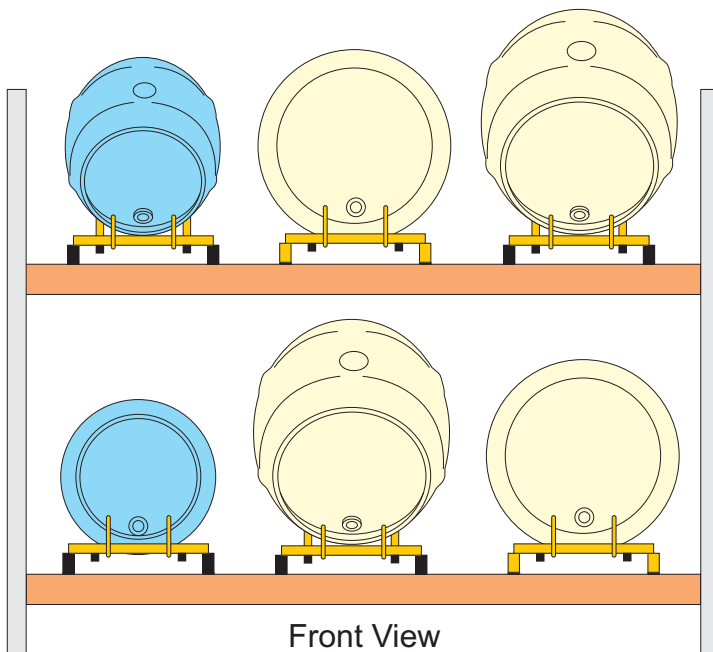
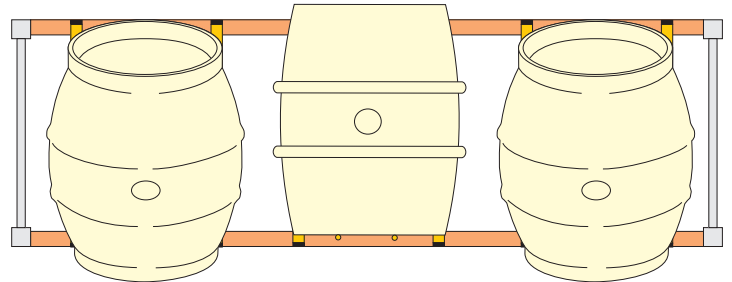


Side View

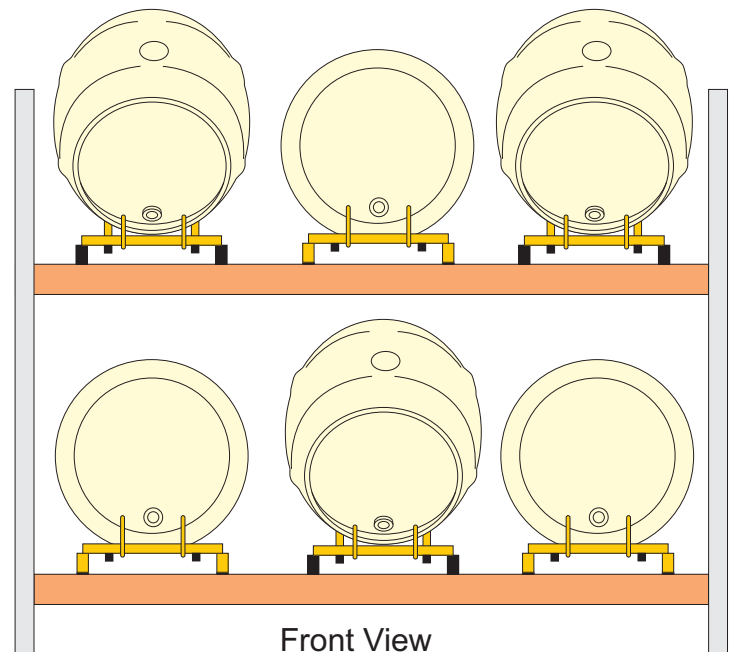
Plan View



Plan View



Front View

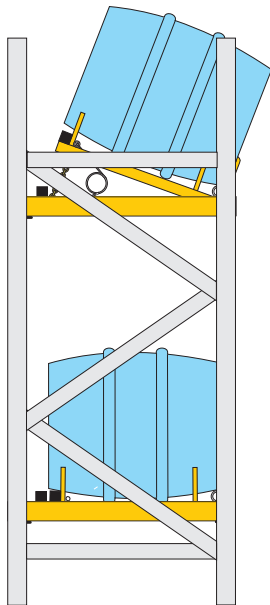
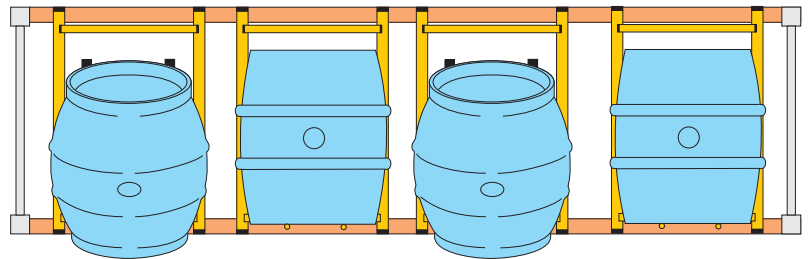


Front View

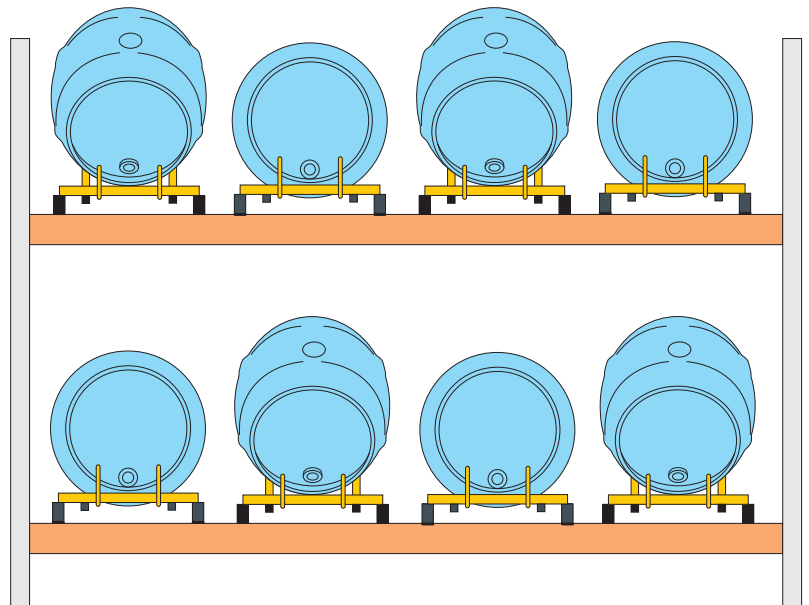
RACK PRODUCT CODE - F187
Overall Rack Width: 2090mm (6ft 10in)

CASKS PER SHELF:
4 x 9gal

Plan View



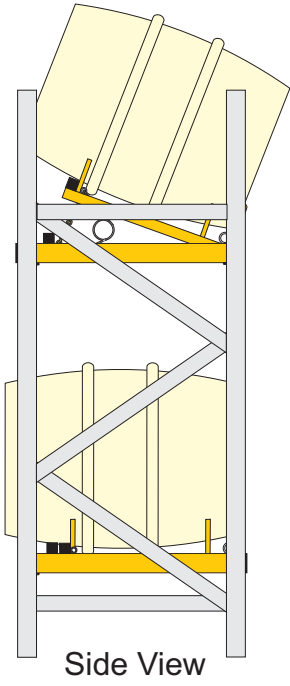
Side View



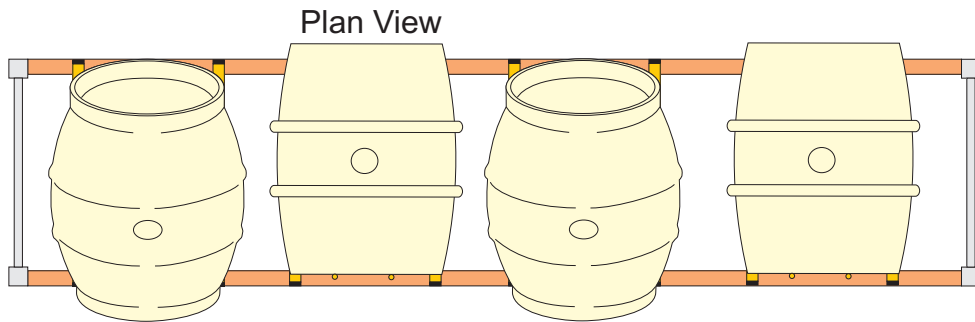
Front View

RACK PRODUCT CODE - F188
Overall Rack Width: 2570m (8ft 5in)

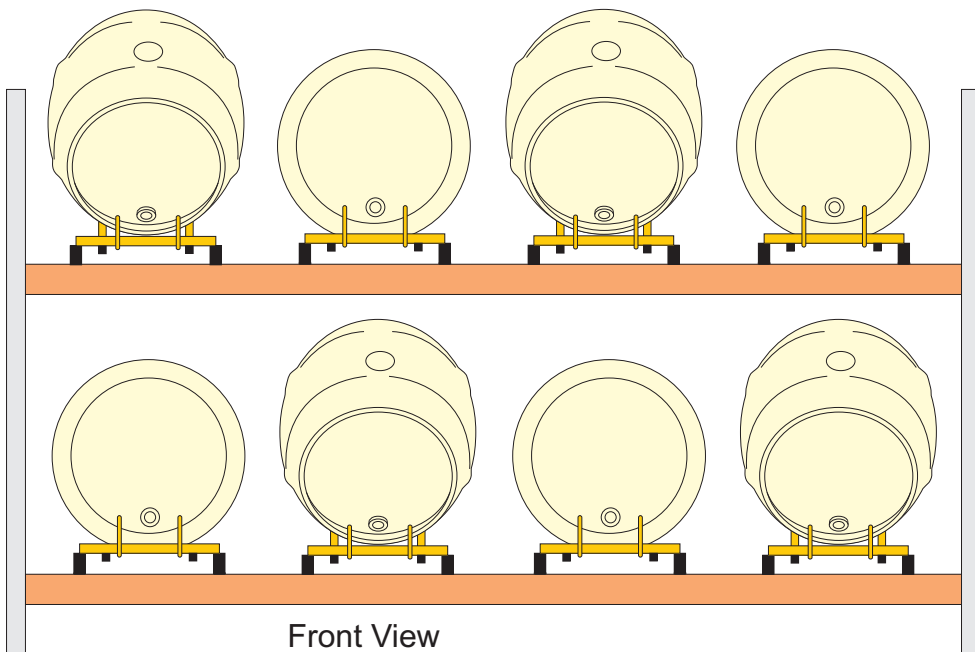
CASKS PER SHELF:
4 x 18gal
or
5 x 9gal



Side View



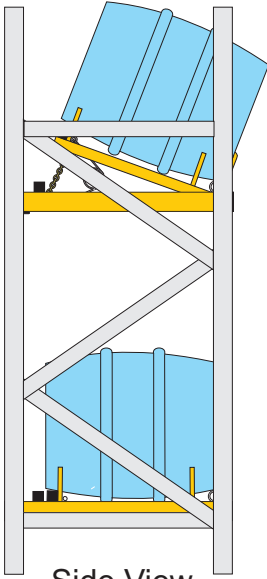
Plan View



Front View

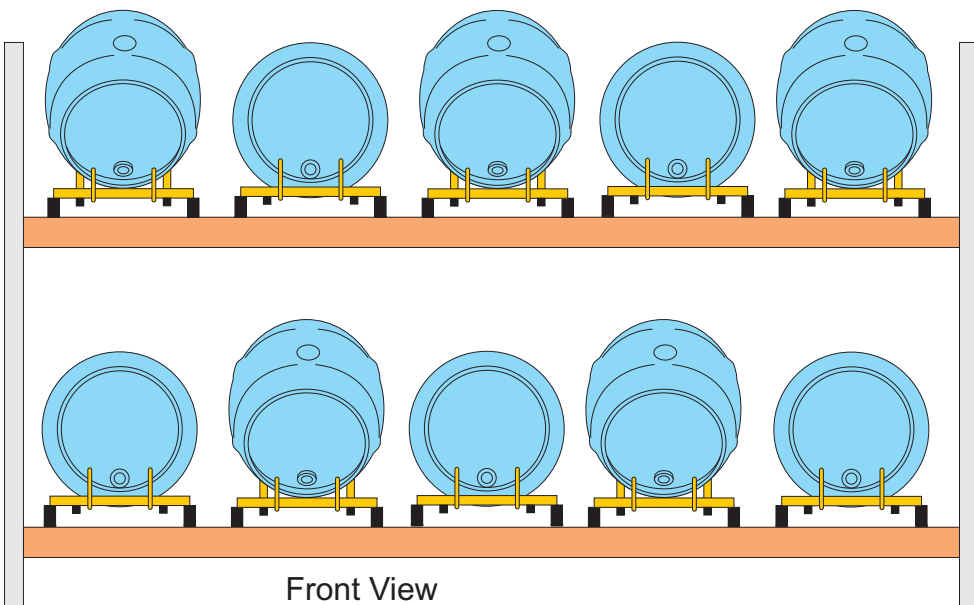
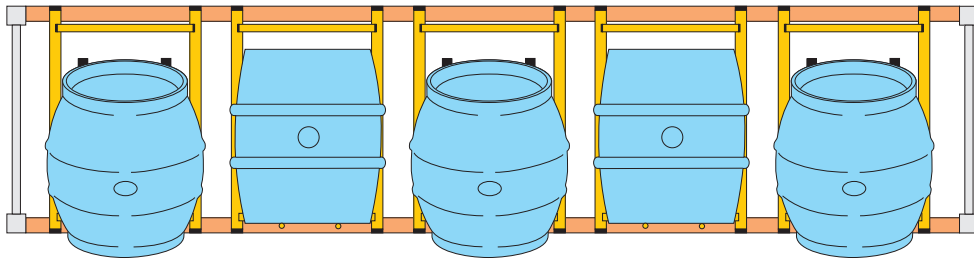
RACK PRODUCT CODE - F188
Overall Rack Width: 2570m (8ft 5in)

CASKS PER SHELF:
4 x 18gal
or
5 x 9gal



Side View

Plan View



Front View

6ft Man carrying a 9gal cask on Autotilt
With a standard Filton cask lift truck

