

Abstract

A frame structure for a multi-level container handling and storage facility 11, which is constructed by an array of basic structures comprising of two rows, R1 and R2, of spaced support columns 21 which are weight bearing. The columns in row R1 are joined respectively by one horizontal beam 25 and similarly the columns in row R2 are joined respectively by a separate horizontal beam 25 to form spaced adjacent beams that now define an intermediate level IL. The rows R1 and R2 of spaced support columns 21 are spaced at a distance allowing storage of at least one container therebetween below the intermediate level IL. The spaced adjacent horizontal beams 25 are at a distance matching the dimension of a container allowing storage of at least one container thereon above the intermediate level IL.