



# Samson 9T Generator Frame to give triple stacking capacity stacking capability

## The Challenge

Ferrartis were asked to develop a stacking and storage system for a number of 7 ton electrical generator units. The initial investigation of the current storage method used by the client identified that the crated units were stacked on top of one another with instances of the lids collapsing that could lead to potential damage to the generator and a handling risk when the units need to be moved.

## The Solution

The solution created by Ferrartis was to design a frame construction that had been used on other storage solutions such as the bogie stacking system but modified for the generators. The principle change was the inversion of the frame to allow better access to load and unload the generator.

Space Saving / Utilisation

Safety Improvements

Cost Reductions

Environmental Savings

Asset Protection

## The Result

The testing of the prototype and subsequent use of the frame proved to be a safe and secure method for 3 units to be stacked on each other without the risk of damage to the storage case and the generator:

The ability to stack 2 units in safety has doubled the utilisation of the storage space with a halving of warehousing costs. The base unit can bolt to floor if required to provide additional security as the total storage weight is 9 tons.



**WEIGHT  
STORAGE CAPACITY**



**SAVING OF  
STORAGE SPACE**



**REDUCTION IN  
WAREHOUSE COSTS**

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