



Traction Motor Stillage with extra loom protection

The Challenge

Ferrartis were asked to design a traction motor cradle that enabled a minimum of 3 units to be stacked and where the frame provided protection to the motor, particularly the loom area, during transport and storage. The unit also needed to allow access from 2 directions to enable the frames to be lifted by a fork lift in the storage facility.

The Solution

The solution designed was a compact and secure platform for traction motors that provided an easy load and unload operation but also saved storage space. The loom area was protected by a metal bar positioned on the frame and for added security in transit, the frame incorporates lashing loops to fix the unit to the bed of the trailer.

Space Saving / Utilisation

Safety Improvements

Cost Reductions

Environmental Savings

Asset Protection

The Result

The final design of traction motor cradle is compact and very strong that provides full protection of the motor and can be fully secured to virtually eliminate the risk of damage during transit. As a result, the original wooden pallet that the motor is normally transported on and the metal strapping are eliminated.

The frame can accommodate a 4 high stack of motors to increase the amount of units that can be stored.



**SAVING OF
STORAGE SPACE**



**REDUCTION IN
TRANSIT DAMAGE RISK**



**REDUCTION IN
STORAGE COSTS**

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