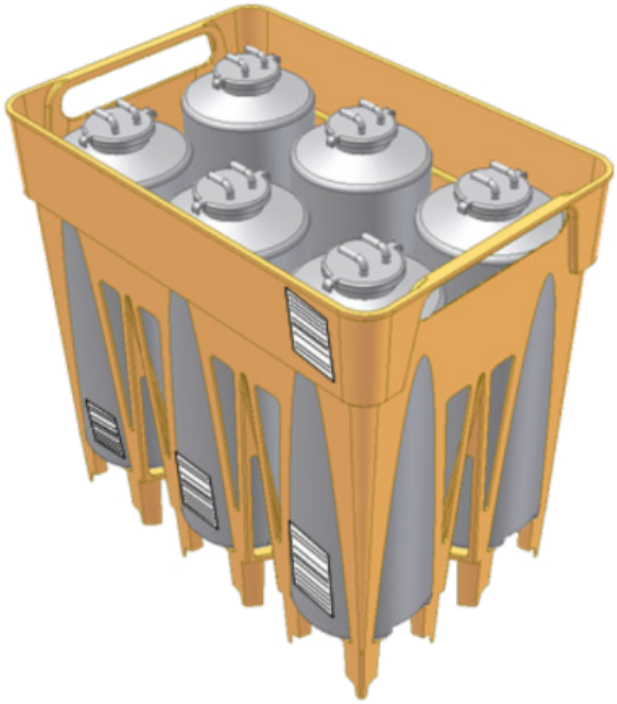
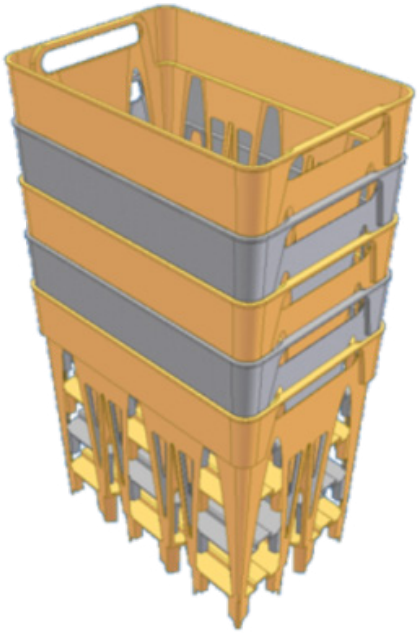
Plasma Crate Design

Client: Undisclosed





In 2006 ideas* was engaged by an international health services business based in the USA to facilitate and subsequently project manage a program of significant process change within the collection centres.

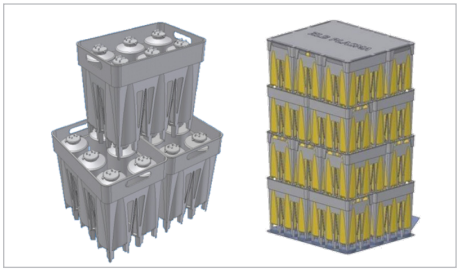
As a result of the work being performed, an opportunity was identified within the associated supply chain to substantially reduce item handling.

Significant donation handling occurs between donation freezing (in the collection centre) and plasma bottle cutting (at the fracionation plant). ideas* believesd this donation handling could be significantly reduced with a specialised crate design.

The crates have been designed with open sides to allow good airflow to the bottles and ensure uniform plasma freezing. They have also been designed to be stackable for transport, but also so that they nest for return transport efficiencies.

Another key design feature at the base of the crate orientates the bottle such that the barcode faces outwards. This allows the bottle to be scanned without removing it from the crate.

Prototypes of these bottles have been made and tested, but are yet to go into full scale use.



A 3D Model of how the crate stacking system works

discuss your project needs
call Mike Percy (03) 9763 4332

view our recent projects
www.ideaservices.com.au

send us an email
info@ideaservices.com.au