



This largely empirical team ergonomics project (spring 2001, Brunel University), intended for the Virgin Trains brand, focused on a re-fit of the familiar legacy BR High Speed Train buffet car to provide a quick-service noodle bar, making maximum use of the extremely limited available space in the carriage environment, and bringing some of the 'wow' factor of Virgin's Pendolino trains to the older stock. Measurements were taken and a full-size framework rig of a standard carriage constructed to enable ergonomic testing and refinement of the concept, called v.Noodle. The noodle bar rig was extremely adjustable, resulting in an optimum set of dimensions for the final design, which was modelled in AutoCAD as shown here, along with other images from the development process.

v.Noodle

Noodle bar concept