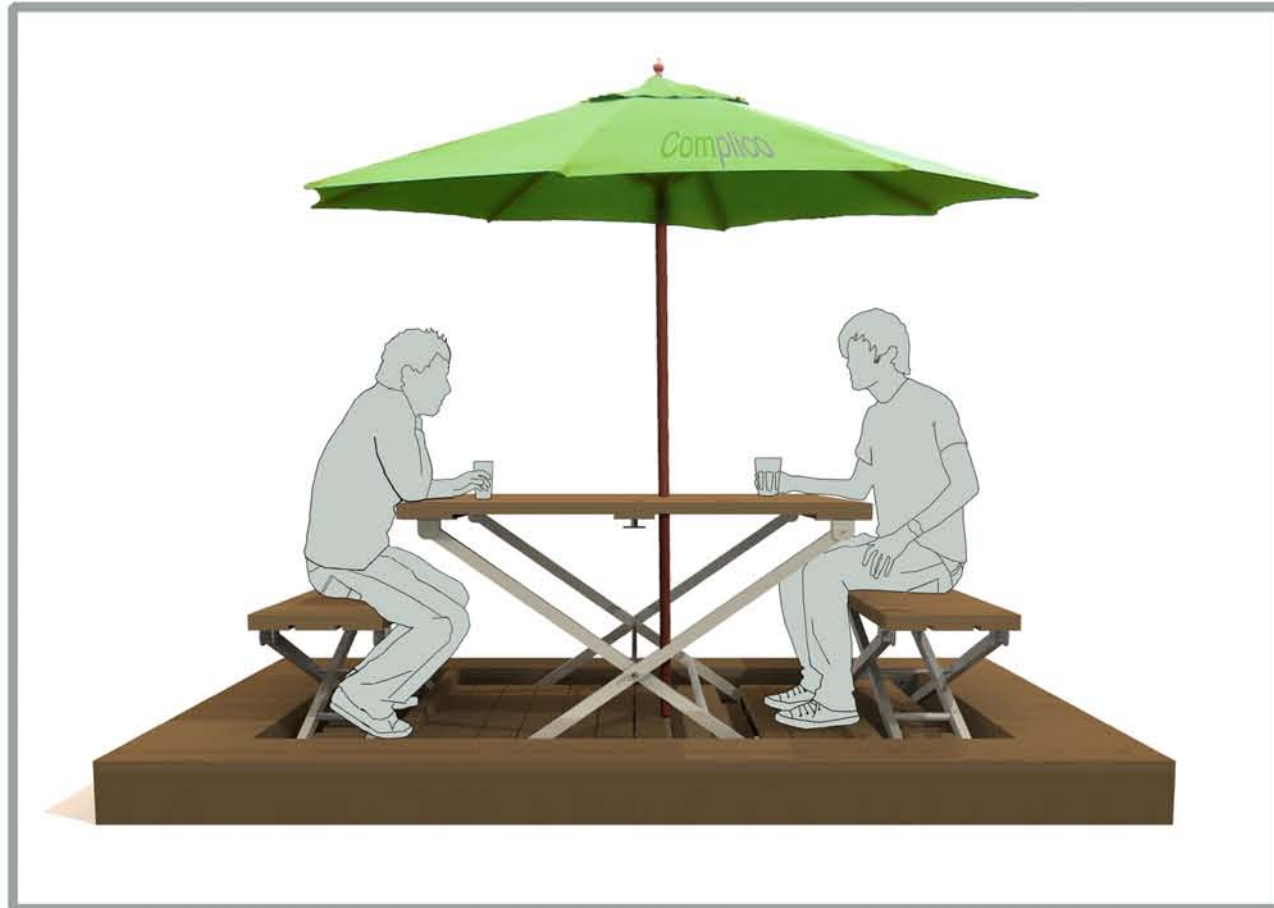


# Complico

Decking Module with Incorporated Collapsible Table and Seating



## Technical details

**Dimensions:** 3000mm Length 2010mm Width

**Seat height:** 420mm **Table Height:** 750mm

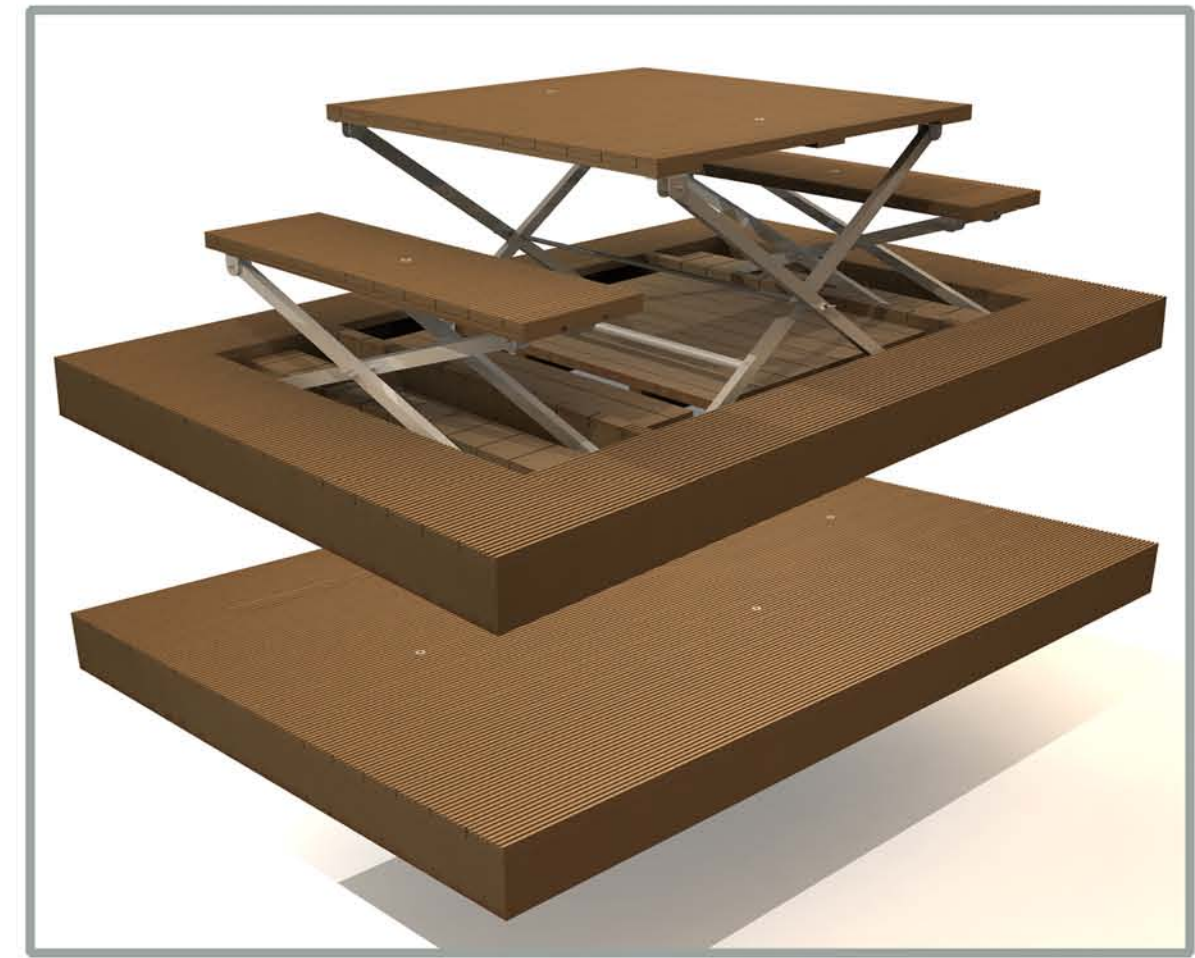
**When collapsed into module:** 182mm depth or less depending on the type of decking boards used.

Each **seat** designed for 2 people – **maximum weight** 376kg

**Table:** 1400mm X 1400mm

**Seat:** 1400mm X 400mm

Note: Further development may change technical details



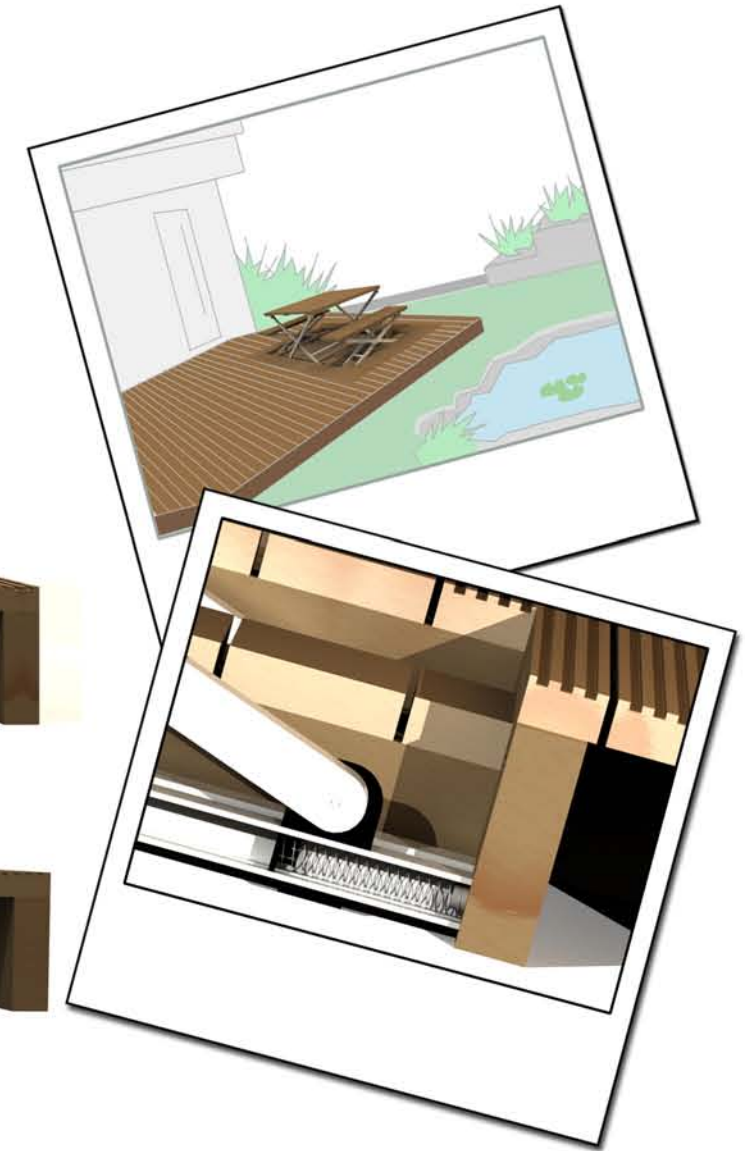
*James Reed - Designer*

## Why is it needed?

Many new housing developments have limited garden space and therefore homeowners are looking at new ways to accommodate the demands of today's lifestyle. The garden/home industry has backed this by producing a number of TV programmes geared towards changing your gardens so that it can be used as an extension of your living space.

Homeowners want to use their garden for more than one purpose; eating outdoors and socialising with friends and relatives, or as a safe place for children to play. Trying to accommodate both activities in a limited space is not always possible or practical. The Complico offers a simple answer to this dilemma.

The Complico's innovative design eliminates the need to choose between outdoor space and outdoor furniture, as the fold away design allows for both. There is no longer a need for extra storage, keeping your outdoor living space free of obstacles.



## How does it work?

Spring assistance – A spring is positioned at the end of each leg of the benches or table via a specially designed slider and runner system. This means no lifting for the user and a simple push with hands or feet to collapse away again.

When the seats and table have risen from the surface, they are locked into position with the use of a simple locking bar that is threaded through aligning holes in the legs. This bar can then be stored away within the joists below when collapsed.

Locking in position once collapsed is achieved by a very simple specially designed bolt. It sits flush with the decking surface and is twisted using an Allen key to avoid accidental activation.

## Who is it for?

Any homeowner with the intention of building a decking area in their garden would benefit from the unique concept of Complico. Decking has become increasingly popular, and Complico provides the additional benefit of catering for individuals that have a need for a diverse outdoor area.

For new housing developments, where there is a lack of outdoor space, the Complico would offer a place to sit and eat outside without compromising the limited space at other times. This would prove particularly useful for flats and apartment buildings, especially within cities where there is a lack of external space.

The Complico could also prove useful for restaurants, bars and clubs as it would allow for easy assembly of outdoor furniture during the summer, and would eliminate the need for chains and other security measures when the furniture is put away.

## Who has developed it?

Design and development work has been completed by James Reed, a final year student in Computer Aided Product Design at Bournemouth University. The design was demonstrated to the public in June 2006 at Bournemouth University's Festival of Design & Innovation.