

# Invention Profile

## Transtilt™

<b>Inventor Objective:</b>	Seeking international agents and licensees
<b>IP Status:</b>	Patents granted in Australia, New Zealand, USA, China and Mexico Patents pending in Europe, Japan, Brazil, Canada, Spain and South Korea
<b>Development Stage:</b>	Product available for sale, distribution and licensing

Precast concrete panels are revolutionising residential, commercial and industrial building practices. However there is an emerging problem with the safe loading, transportation and unloading of the panels. Transtilt™, invented by structural engineer, John Burke is a specially designed, patented, harnessing framework that allows precast concrete wall panels to be safely and efficiently transported and unloaded. But it's the way in which Transtilt™ assists in the rotation of panels that really brings major benefits to the industry. The system saves time and money and delivers a dramatic improvement in workplace safety.

### How Transtilt™ Works:

- Can carry panels in a variety of sizes - up to 12m long by 3.5m wide by 250mm thick;
- The Transtilt™ cradle attaches to a typical flat deck trailer via international standard container "twist lock" fittings;
- The length of the cradle can be adjusted simply by adding or removing deck segments. This enables the total load to be carried at the most efficient location to give good weight distribution on the truck trailer rig;

- Precast panels are carried on their long side and strapped in place to prevent forward, sideways and backward movement while being transported; and
- Panels are easily and safely unloaded in their horizontal position or rotated from the horizontal to the vertical with the use of just two lifting points and simple crane rigging. Individual panels are then manoeuvred into their final design location in the structure.

For further product information, visit <http://www.transtilt.com.au/>. For enquiries, including sales, distribution and licensing opportunities please phone +61 2 4933 9990 or email [jburke@tpgi.com.au](mailto:jburke@tpgi.com.au).



\*See Transtilt™ on ABC's [‘The New Inventors’](#).