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## Buchan Concrete Solutions

### WORKING AT HEIGHT SOLUTION

From Works Platforms



#### Working at Height Regulations key requirements stipulate:

- Operator fully protected on all sides
- Guardrails at an appropriate height
- A Work deck area of 600mm x 600mm
- Minimum of 3 points of contact while performing tasks

#### The Challenge

In December 2008 one of our major clients, Buchan Concrete Solutions, who manufacture pre-formed concrete walls, recognised the need to enhance their approach to working at height safely. They could no longer climb up ladders to pump concrete into pre-formed walls, due to the restrictions imposed by the Working at Height Regulations outlined above. Their tasks require:

- Work within a partially completed building with no lifts
- Use of two hands to control the delivery hose for the concrete
- One operator to be able to perform the tasks

*“Worksafe platforms have enhanced our safety culture and saved us tens of thousands of pounds by replacing much more expensive working at height apparatus”*

**Contracts Director, Buchan Concrete Solutions**

## The Solution

Worksafe Platforms were asked to provide a solution by developing a small, light, folding work platform to meet their requirements. The prototype was built the following week, undergoing 3 weeks of field trials, which pin pointed various required adjustment and alterations, with the platform going into service within one month. The requirements included:

- A strong, stable, light, and easy to use working platform, with a weight not to exceed 25 kg
- Easy transportation and storage
- Compliance with HSE regulations
- Operators to be able to work with both hands
- Variable height adjustments

Worksafe Platforms created a range of platforms to meet their requirements which have been designed and built to BS2037:1994 – Clause 2.1 guide lines. The weight and flex testing is to and beyond loads applied in BS2037:1994 (now BS 131). The specifications included:

- A 600mm x 600mm platform, with guard rails and safety chain
- Swivel feet for stability and top arms to enable a range of different uses and give further stability
- Adjustable legs to achieve variable heights
- A section with rungs for climbing to the platform

The applications range from:

- Against flat surfaces
- Flat roof access
- Hooked over walls
- Access onto wagon trailers
- Against corners of buildings, telegraph poles, lamp posts, trees etc.

## Benefits – why Worksafe Platforms?

We believe that safety is not an accident; diligently seeking improved safety related designs and most importantly listen to our existing and potential clients.

Worksafe Platforms, including the **NEW** Worksafe Junior, which is the next generation of the Buchan design, provides our clients with a solution which:

- Complies to HSE recommendations
- Is easy to use – no tools required or parts to lose
- Folds flat for ease of storage and transport
- Meets weight restriction for one operation, weighing well under 25 kilo's
- Ensures operator is protected on all sides, with working deck area of 600mm x 600mm
- Ensures unit is at 70% angle, within HSE recommendations
- Provide platforms that can take the place of tower platforms, scaffolding, traditional work decks and even power lift platforms for many applications