



BISON PRECAST

a Forterra brand

QUICKLIFT GUIDE

for Retaining Walls



1 The QuickLift system has been developed to ensure that no additional lifting equipment other than conventional chains and hooks for the three lifting points. Unlike many other systems we have no hidden costs for expensive lifting gear.

Using a standard lifting hook attachment a handler can complete a lift from wagon to final position with minimal secondary operations, increasing efficiency against alternative solutions by some 20%.

2 The walling system is delivered on a flat bed wagon, nestled for maximum efficiency.

3 The walling system can be lifted off the wagon using either the three point quick lift system or a traditional fork lift methodology. NB: Ensure that the loader is of an appropriate capacity to lift the units. For individual unit weights please see unit specification.

Lifting units with the three point QuickLift system allows the units to be easily manoeuvred and rotated 180 degrees, thus enabling units to be placed directly adjacent to their final position. NB: when determining the appropriate handler the radial dimension required to rotate the unit must be considered and chains set to a max angle of 65 degrees. A banks man should be used at all times to ensure units are safely spotted and manoeuvred.

4.0 Once unit is in position adjacent to its final location the lifter to the toe should be removed and the chains to the two main wall lifters are shortened and secured to equal lengths ensuring a level and safe lift.

4.1 The unit can then be lifted slowly balancing the weight on the back of the heel. NB: if lifting off a hard surface then a block or mat should be used to protect from damage.

4.2 As the unit is lifted the vehicle should move forward slowly ensuring that the lifting chains are vertical at all times.

4.3 Once the unit is upright the third lifter can be re-attached to provide additional stability and manoeuvrability, allowing the units to be lifted clear of the ground into final position.

5 The wall can then be easily located into its final position. When positioning adjacent to another unit the male connection joint of the suspended unit should be inserted into the female then lowered slowly into position ensuring the units remain interlocked.



This is a lifting operation and is covered by LOLER, as such a competent slinger / AP is required to manage the lift. All non-essential operatives are to be excluded from the vicinity of the lift.

OUR PEOPLE. OUR PASSION. OUR PRODUCTS

The components you need for a more successful project.

Bison Precast - Tetron Point - William Nadin Way - Swadlincote - Derbyshire - DE11 0BB

01283 817 500 concrete@bison.co.uk bison.co.uk