

pureDECK LT-5.0B/3.6B

5.0T Static Pod Loading Deck



**Quick
Installation**



**Efficient
Design**



**Enhanced
Safety**

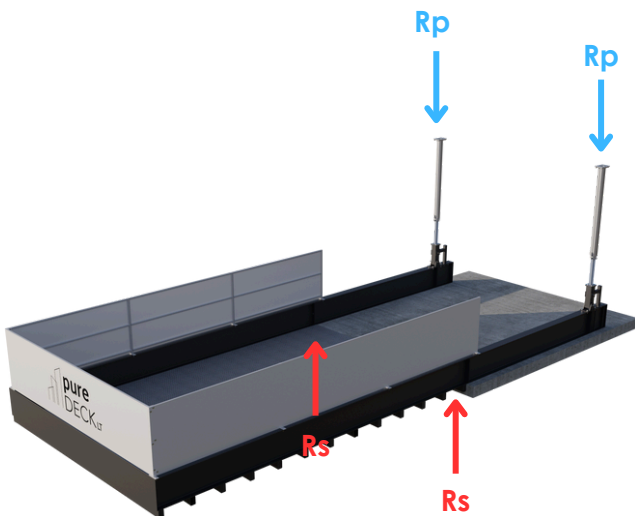
Safe Working Loads

The pureDECK LT-5.0/3.6B is designed for a maximum SWL of 5.0T (5000kg). This load should be spread evenly across the surface of the deck.

The self-weight of the deck is 3500kg.

Supporting Structure Reactions

The reactions provided must be checked by the site engineer to ensure the supporting structure can adequately resist the maximum deck reactions. If a single slab cannot support the reactions, backpropping should be provided as per the engineer's requirements.



→ $R_s = 73\text{kN}$

→ $R_p = 31\text{kN}$

Cantilever Deflection (@ SWL) $\leq 60\text{mm}$

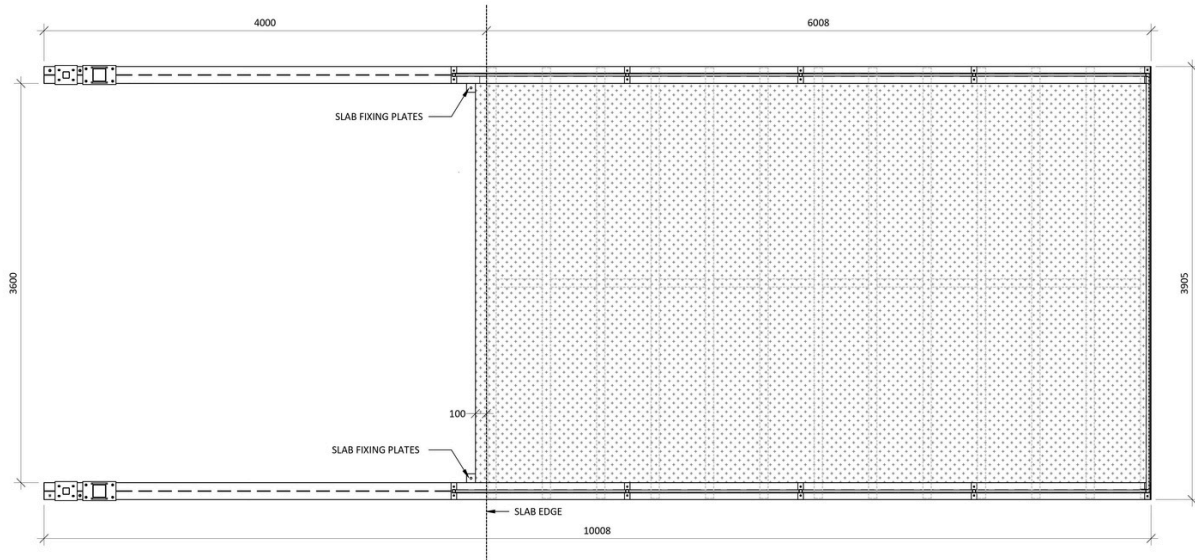
Notes:

1. Reactions are working loads and should be factored accordingly
2. Reactions act on both sides of the platform at the same time
3. Reactions provided assume supporting structure is rigid

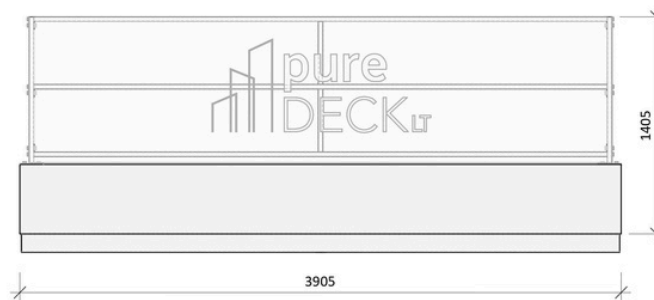
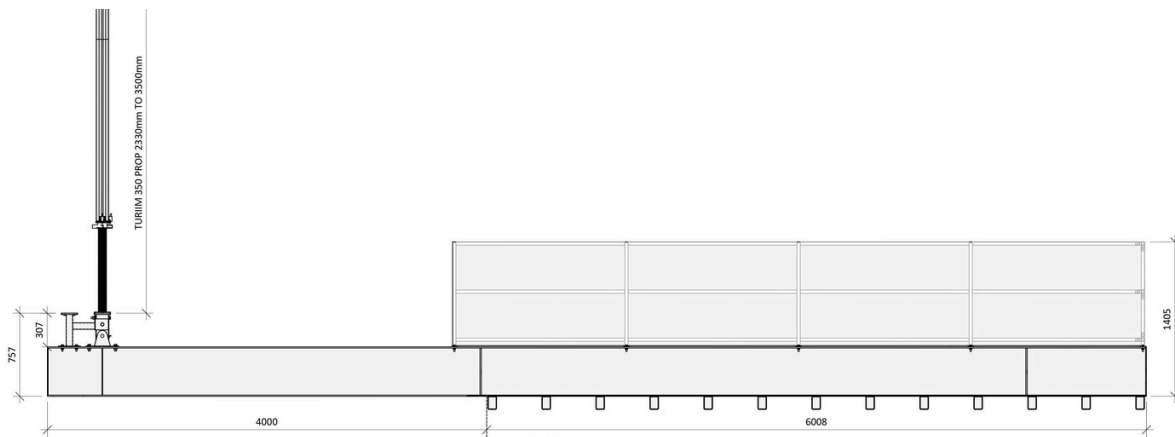
General Notes

1. Structural props are to be fully engaged with the supporting structure, with verticality checked and confirmed before loading.
2. Third-party testing is to be undertaken when the deck is installed at each new location, as per certified testing agency requirements.
3. If the deck is to be located at a height above 100m from ground level, then two slab edge bolts (Hilti HU3-H 14x100 or equiv) must be installed in the holes provided. Note that it is recommended to also install these bolts below 100m as an additional safety measure.
4. There is provision for an additional standard 2T steel prop to be installed behind the aluminium prop - it is recommended to do this as an additional safety measure.

Plan View



Section View



General

Any person associated with the use of the deck should be competent and have relevant experience in assembling, installing, and operating this type of equipment.

A project-specific risk assessment and method statement must be produced and approved by relevant parties prior to usage of the system.

PPE should always be worn by site personnel when using this equipment.

The data sheet, user guide, and other relevant documents should be read in full and understood by all personnel involved with the operation of this equipment.

Measures must be taken to protect site personnel as well as members of the public, with any lifting equipment exclusion zones should be maintained at all critical times.

Operation

The loads imparted on the supporting structure must be checked by a qualified engineer prior to use.

Do not load the platform unevenly or in any other way than that described in this document.

Do not overload the platform and ensure SWL signage is clearly visible at all times.

Ensure the crane lifting eyes and chains are checked by the site AP prior to lifting.

Always follow local regulations and guidelines regarding the use of this type of equipment.

A thorough examination of this product should be completed regularly (max 6 months) by a competent individual and any signs of damage identified and remediated prior to use.

Storage and Maintenance

Always store this equipment in a stable manner on solid foundations.

Always store this equipment raised above ground level to ensure there is no damage from water pooling.

The equipment should be maintained regularly including re-painting and inspection of steel members and welds for any signs of degradation.



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If you would like to learn more or request pricing, please contact:

Pure Construction Solutions

(e) info@pure-cs.com

(p) +971 58 964 9864