TURBO™

SCAFFOLDING

V-SHORE FRAME FORMWORK SYSYTEM

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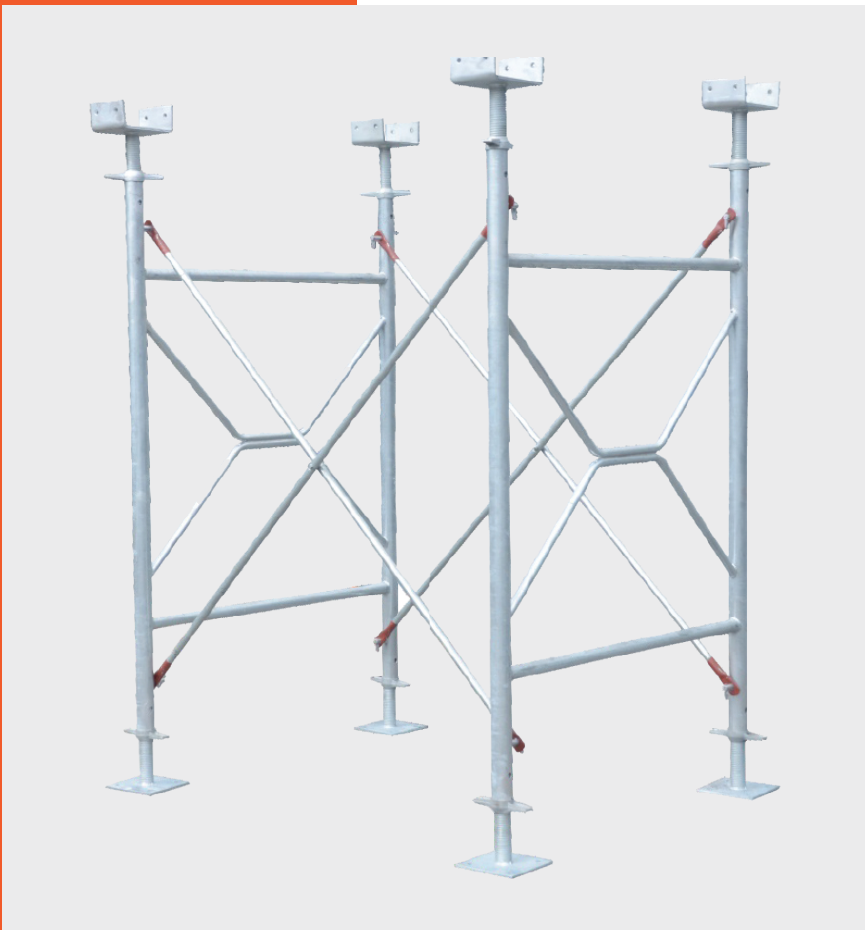
FORMWORK
Product Guide



Turbo V-Shore Frame System for your shoring needs.

3 COMPONENT SYSTEM

The V-SHORE system uses only 3 basic components:

- Frames
- Braces
- Adjustable screw Jacks

These components deliver real benefits:

- Design versatility
- Inventory cost savings
- Improved productivity
  (handling, erection, stripping & storing)

INVENTORY COST REDUCTIONS

- Selection, assembly & erection are simplified
- Stripping is more orderly and easily managed
- Transport & storage are easy
- Storage space is less

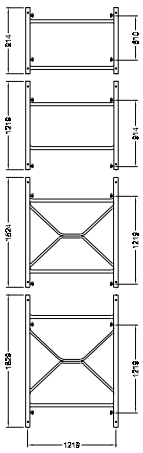
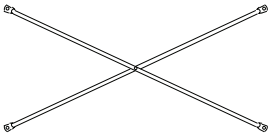
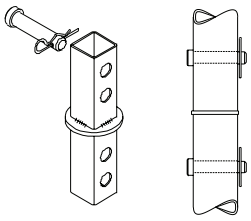
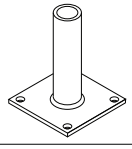
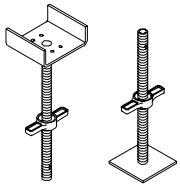
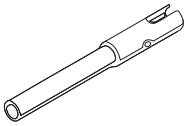
V-SHORE IMPROVES YOUR PRODUCTIVITY

- The V-SHORE components are easy to handle and light weight
- Erection & stripping speeds are maximised
- The simplicity of the V-SHORE system minimises costly errors
- The V-SHORE components are compactly designed & easy to transport & store

V-SHORE OFFERS VERSATILE DESIGN

- V-SHORE design involves large grids & offers flexibility of support arrangements. These, in turn, make it easier for the engineer to increase or decrease frame grid positions relative to the concrete thickness to be supported.
- V-SHORE also offers a shoring capability with height adjustment & heavy load-carrying capacity, in accordance with AS3610. When working at above 2m above surrounding ground, suitable fall preventions must be implemented.
- V-SHORE is the ideal system for civil engineering projects such as the laying of heavy slabs or beams the construction of highway bridges.

Turbo V-Shore Frame System - Components

Product	Description	Code No.	Mass kg (nom.)
	**V-Shore Frames** V-shore Frames come in five basic sizes. They can be connected to each other using Cross Braces to form a tower and vertically using Vertical Frame Connector to form the required height. **Height / Width / Pin Spacing** 914 / 1219 / 610 1219 / 1219 / 914 1524 / 1219 / 1219 1829 / 1219 / 1219 2134 / 1219 / 1524 **Latch Pin** Fast-action Drop Latch Pin accepts tubular cross brace & immediately locks in position. Also used to accept Link Spacer	F0.9MVFRAME F1.2MVFRAME F1.5MVFRAME F1.8MVFRAME F2.1MVFRAME	16.10 19.20 26.00 29.10 34.50
	**Tubular Cross Braces** Braces allow frames to be used in towers. Large range available to suit varying latch pin spacing on frame legs. **Height / Bay Size / Length c/c** 610 / 1524 / 1642 914 / 1524 / 1777 1219 / 1524 / 1952 1524 / 1524 / 2155 TO BE USED WITH 1.5M, 1.8M AND 2.1M FRAMES	F0.9MVBRC F1.2MVBRC F1.8MVBRC F1.5MVBRC	5.50 5.90 6.30 6.70
	**Frame Connector** Connector is used to allow support frames to be connected vertically. Connector features 4 holes to allow V-SHORE to be connected to similar frame systems. When crane handling is required, a bolt must be is inserted through the frame legs & frame connector & secured in position with a nut. Connector for v-frames	CVF	0.50
	**Plain Base Plate** 150mmx150mm base plate used on flat surfaces, where jacks not required.	PBP	1.60
	**Adjustable Screw Jack** Adjustable screw jacks allow up to 600mm extension. U-Head measures 210mm clear between side plates. Adjustable Screw jack Base 760mm Adjustable Screw jack U-Head 760mm	48HBJ 48H4J	6.30 10.30
	**Frame Extender** Extenders are used to allow Frames to increase the height by 305mm	VEF	2.80

Dos & Don'ts for correctly using V-Shore Frames

- Always use adjustable screw jacks or base plates under V-SHORE frame legs.
- Soleplates with adequate rigidity must be used under solid adjustable screw jacks or base plates when bearing on foundations other than concrete.
- Soleplates should span between at least two adjacent frame legs and must be positioned in the direction which limits the rotation of the adjustable screw jacks or base plates.
- Soleplates must be sized to evenly transfer the applied loads to the foundation.
- Ensure that adjustable screw jacks or base plates are in full contact with their supports.
- Falsework assembly must be supported on sound foundation material which provides adequate bearing capacity to support the applied leg loads.
- Stability of falsework and formwork assemblies must be maintained at all times and, if necessary, adequate bracing and anchoring must be provided.
- Do not use equipment which has a dynamic effect on falsework assembly unless permitted by design or an approve engineer
- Frames must be assembled the right way up, with latch pins vertical under gravity.
- Braces must NOT be forced to fit on frames. Damaged components must not be used at any time
- Extension of adjustable screw jacks must be limited to a maximum of 600mm, and as specified by formwork design.
- Check and monitor falsework and formwork assemblies and their components prior to and during concreting operations, to ensure they are in accordance with the specified requirements.
- When working at heights 2m or more above surrounding ground, suitable working platforms or other fall prevention methods must be implemented. Refer to State's regulatory requirements for further information.
- This brochure and the information printed herein conform to the requirements of AS3610.

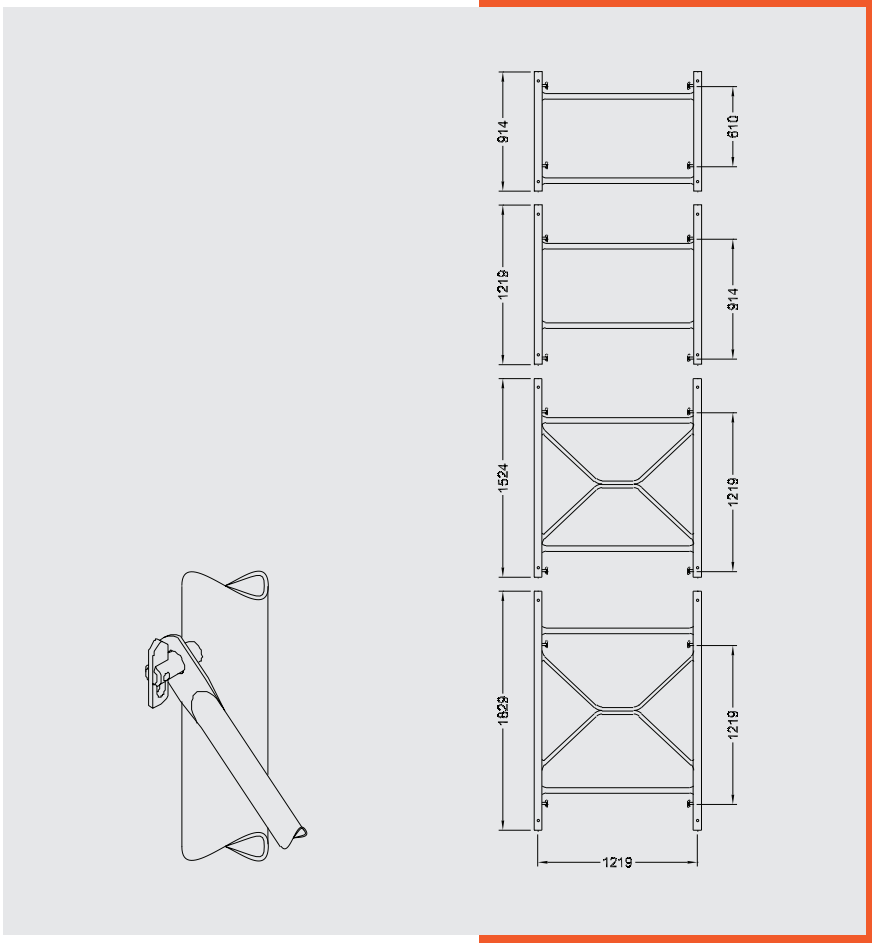
Disclaimer

1. The photos printed in this brochure show construction sites whose operation is not our responsibility. As a consequence, we cannot influence whether instructions for erection and/or use are properly observed or whether safety regulations are complied with, especially as these are momentary photos that do not represent the final and definitive state of product use.

2. Consistent with the continued development and improvement of Turbo products, the details contained in this brochure may be changed without notice.

3. The safe use and application of the products must be in accordance with AS3610, Occupational Health & Safety Act, approved Industry Codes of Practice, and any other Regulatory Authority requirements.

- Scaffolding - Steel & Aluminium
- Formwork
- Aluminium Towers
- Spandeck
- Tubes & Fittings
- Scaffold Parts & Tools



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