

SYNTHETIC ROUND & FLAT

LIFTING SLINGS

TO AUSTRALIAN STANDARDS



ROUND & FLAT SLINGS

SLINGTECH

Synthetic Round Lifting Slings to AS 4497

Double Ply Flat Slings to AS 1353



BEAVER TECHNOLOGY SERVICES PTY LIMITED

SLINGTECH Polyester Round Slings are made from high quality synthetic materials; they are manufactured and tested to **Australian Standards AS 4497**

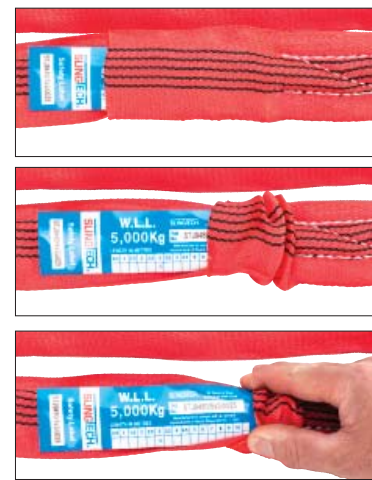
Round slings are constructed from high-tenacity continuous multifilament polyester fibre strands enclosed in a hard wearing seamless sleeve. **SLINGTECH** Round slings are colour coded to their specific safe working load, they are also manufactured in black specifically for the Entertainment Industry. Round slings are used for lifting where it is necessary to protect the load from damage, such as objects with a smooth or polished surface. **SLINGTECH** Round slings are ideal for lifting objects in a choke position such as tubes and pipes, due to their low stretch. **SLINGTECH** Endless round slings are the most cost effective sling to purchase.

All slings have a working load limit (WLL) which is the maximum load that can be applied in tension, taking into account the mode of connection used, and the nature of the load to be lifted.

Colour Coded to meet International lifting Standards



Safety Inspection I.D. Tag Protection



All **SLINGTECH** Round slings are manufactured with Safety Label protective covers to prevent snagging and damage to the Safety Label. The Safety Label can be uncovered and easily read by simply sliding back the protective cover as shown above.

BTS Code:	Colour	W.L.L Tonnes	VERTICAL W.L.L Tonnes	CHOKE W.L.L Tonnes	BASKET W.L.L Tonnes	60° W.L.L Tonnes	90° W.L.L Tonnes	120° W.L.L Tonnes	60° W.L.L Tonnes	60° CHOKE W.L.L Tonnes
BRS1000	Violet	1.0	1.0	0.8	2.0	1.7	1.4	1.0	1.7	1.3
BRS2000	Green	2.0	2.0	1.6	4.0	3.4	2.8	2.0	3.4	2.7
BRS3000	Yellow	3.0	3.0	2.4	6.0	5.1	4.2	3.0	5.1	4.1
BRS4000	Grey	4.0	4.0	3.2	8.0	6.9	5.6	4.0	6.9	5.5
BRS5000	Red	5.0	5.0	4.0	10.0	8.6	7.0	5.0	8.6	6.9
BRS6000	Brown	6.0	6.0	4.8	12.0	10.3	8.4	6.0	10.3	8.2
BRS8000	Blue	8.0	8.0	6.4	16.0	13.8	11.2	8.0	13.8	11.0
BRS10000	Orange	10.0	10.0	8.0	20.0	17.3	14.1	10.0	17.3	13.8

Synthetic Round Sling Standard Sizes Complies with AS 4497

BTS Code:	W.L.L kgs.	Length mtr.	Width mm.	Colour	Description
1,000kgs Polyester Round Sling					
BRS1000X1	1000	1.0	47	Violet	Round Sling
BRS1000X1.5	1000	1.5	47	Violet	Round Sling
BRS1000X2	1000	2.0	47	Violet	Round Sling
BRS1000X2.5	1000	2.5	47	Violet	Round Sling
BRS1000X3	1000	3.0	47	Violet	Round Sling
BRS1000X3.5	1000	3.5	47	Violet	Round Sling
BRS1000X4	1000	4.0	47	Violet	Round Sling
BRS1000X4.5	1000	4.5	47	Violet	Round Sling
BRS1000X5	1000	5.0	47	Violet	Round Sling
BRS1000X6	1000	6.0	47	Violet	Round Sling
2,000kgs Polyester Round Sling					
BRS2000X1	2000	1	51	Green	Round Sling
BRS2000X1.5	2000	1.5	51	Green	Round Sling
BRS2000X2	2000	2.0	51	Green	Round Sling
BRS2000X2.5	2000	2.5	51	Green	Round Sling
BRS2000X3	2000	3.0	51	Green	Round Sling
BRS2000X3.5	2000	3.5	51	Green	Round Sling
BRS2000X4	2000	4.0	51	Green	Round Sling
BRS2000X4.5	2000	4.5	51	Green	Round Sling
BRS2000X5	2000	5.0	51	Green	Round Sling
BRS2000X6	2000	6.0	51	Green	Round Sling
BRS2000X8	2000	8.0	51	Green	Round Sling
3,000kgs Polyester Round Sling					
BRS3000X1	3000	1.0	66	Yellow	Round Sling
BRS3000X1.5	3000	1.5	66	Yellow	Round Sling
BRS3000X2	3000	2.0	66	Yellow	Round Sling
BRS3000X2.5	3000	2.5	66	Yellow	Round Sling
BRS3000X3	3000	3.0	66	Yellow	Round Sling
BRS3000X3.5	3000	3.5	66	Yellow	Round Sling
BRS3000X4	3000	4.0	66	Yellow	Round Sling
BRS3000X4.5	3000	4.5	66	Yellow	Round Sling
BRS3000X5	3000	5.0	66	Yellow	Round Sling
BRS3000X6	3000	6.0	66	Yellow	Round Sling
BRS3000X8	3000	8.0	66	Yellow	Round Sling
4,000kgs Polyester Round Sling					
BRS4000X1	4000	1.0	70	Grey	Round Sling
BRS4000X1.5	4000	1.5	70	Grey	Round Sling
BRS4000X2	4000	2.0	70	Grey	Round Sling
BRS4000X2.5	4000	2.5	70	Grey	Round Sling
BRS4000X3	4000	3.0	70	Grey	Round Sling
BRS4000X3.5	4000	3.5	70	Grey	Round Sling
BRS4000X4	4000	4.0	70	Grey	Round Sling
BRS4000X4.5	4000	4.5	70	Grey	Round Sling

4,000kgs Polyester Round Sling (continued)					
BRS4000X5	4000	5.0	70	Grey	Round Sling
BRS4000X6	4000	6.0	70	Grey	Round Sling
BRS4000X8	4000	8.0	70	Grey	Round Sling
5,000kgs Polyester Round Sling					
BRS5000X1	5000	1.0	80	Red	Round Sling
BRS5000X1.5	5000	1.5	80	Red	Round Sling
BRS5000X2	5000	2.0	80	Red	Round Sling
BRS5000X3	5000	3.0	80	Red	Round Sling
BRS5000X4	5000	4.0	80	Red	Round Sling
BRS5000X5	5000	5.0	80	Red	Round Sling
BRS5000X6	5000	6.0	80	Red	Round Sling
BRS5000X8	5000	8.0	80	Red	Round Sling
6,000kgs Polyester Round Sling					
BRS6000X2	6000	2.0	80	Brown	Round Sling
BRS6000X3	6000	3.0	80	Brown	Round Sling
BRS6000X3.5	6000	3.5	80	Brown	Round Sling
BRS6000X4	6000	4.0	80	Brown	Round Sling
BRS6000X5	6000	5.0	80	Brown	Round Sling
BRS6000X6	6000	6.0	80	Brown	Round Sling
BRS6000X8	6000	8.0	80	Brown	Round Sling
8,000kgs Polyester Round Sling					
BRS8000X2	8000	2.0	86	Blue	Round Sling
BRS8000X2.5	8000	2.5	86	Blue	Round Sling
BRS8000X3	8000	3.0	86	Blue	Round Sling
BRS8000X4	8000	4.0	86	Blue	Round Sling
BRS8000X5	8000	5.0	86	Blue	Round Sling
BRS8000X6	8000	6.0	86	Blue	Round Sling
BRS8000X8	8000	8.0	86	Blue	Round Sling
10,000kgs Polyester Round Sling					
BRS10000X2	10000	2.0	100	Orange	Round Sling
BRS10000X2.5	10000	2.5	100	Orange	Round Sling
BRS10000X3	10000	3.0	100	Orange	Round Sling
BRS10000X4	10000	4.0	100	Orange	Round Sling
BRS10000X5	10000	5.0	100	Orange	Round Sling
BRS10000X6	10000	6.0	100	Orange	Round Sling
BRS10000X8	10000	8.0	100	Orange	Round Sling
BRS10000X10	10000	10.0	100	Orange	Round Sling
20,000kgs Polyester Round Sling					
BRS20000X3	20000	3.0	>150	Orange	Round Sling
BRS20000X10	20000	10.0	>150	Orange	Round Sling
50,000kgs Polyester Round Sling					
BRS50000X6	50000	6.0	>250	Orange	Round Sling
BRS50000X8	50000	8.0	>250	Orange	Round Sling

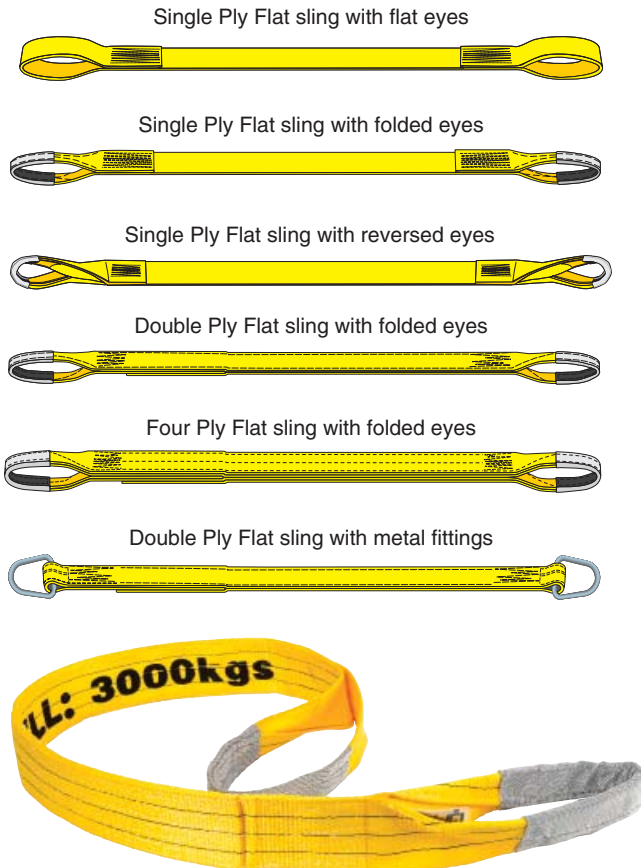
Other sizes & Configurations available upon request
Note: Minimum quantities may apply

SLINGTECH Flat Webbing Slings are made from quality synthetic materials; they are manufactured and tested to **Australian Standards AS 1353**

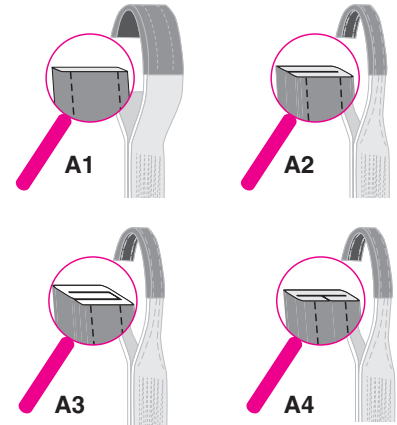
Webbing slings are flat belt straps that can be supplied with a variety of eye types at each end; these include flat eyes, folded eyes and reversed eyes. They are usually manufactured in double ply for extra safety. Made from 100% polyester webbing, the slings are colour coded to the relevant safe working load, and come supplied with test certificates as standard. Webbing slings are commonly used over chains, bundles of timber and wire ropes due to their ability to be more flexible and lighter; they also cause very little damage and help reduce scratching and denting to loads being lifted. Wide flat webbing offers greater surface contact.

All slings have a working load limit (WLL) which is the maximum load that can be applied in tension, taking into account the mode of connection, used and the nature of the load to be lifted.

Flat Sling Types



Types of Folded Eyes



Safety Inspection I.D. Tag Protection



All SLINGTECH Flat slings are manufactured with Safety Label Laminated protective covers to prevent damage to the Safety Label. The Safety Label can be easily read through the transparent protective cover as shown above.

BTS Code:	Colour	W.L.L Tonnes	SLINGTECH Flat Slings Comply to AS 1353							
			L = LOAD FACTOR	VERTICAL	CHOKE	BASKET	60°	90°	120°	60°
			W.L.L Tonnes	W.L.L Tonnes	W.L.L Tonnes	W.L.L Tonnes	W.L.L Tonnes	W.L.L Tonnes	W.L.L Tonnes	W.L.L Tonnes
BFS2-1000	Violet	1.0	1.0	0.8	2.0	1.7	1.4	1.0	1.7	1.3
BFS2-2000	Green	2.0	2.0	1.6	4.0	3.4	2.8	2.0	3.4	2.7
BFS2-3000	Yellow	3.0	3.0	2.4	6.0	5.1	4.2	3.0	5.1	4.1
BFS2-4000	Grey	4.0	4.0	3.2	8.0	6.9	5.6	4.0	6.9	5.5
BFS2-5000	Red	5.0	5.0	4.0	10.0	8.6	7.0	5.0	8.6	6.9
BFS2-6000	Brown	6.0	6.0	4.8	12.0	10.3	8.4	6.0	10.3	8.2
BFS2-8000	Blue	8.0	8.0	6.4	16.0	13.8	11.2	8.0	13.8	11.0
BFS2-10000	Orange	10.0	10.0	8.0	20.0	17.3	14.1	10.0	17.3	13.8

Double Ply Flat Sling Standard Sizes Complies with AS 1353

BTS Code:	W.L.L kgs.	Length mtr.	Width mm	Colour	Description
1,000kgs Double Ply Flat Sling					
BFS2-1000X1	1000	1.0	50	Violet	Double Ply Flat Sling
BFS2-1000X1.5	1000	1.5	50	Violet	Double Ply Flat Sling
BFS2-1000X2	1000	2.0	50	Violet	Double Ply Flat Sling
BFS2-1000X2.5	1000	2.5	50	Violet	Double Ply Flat Sling
BFS2-1000X3	1000	3.0	50	Violet	Double Ply Flat Sling
BFS2-1000X3.5	1000	3.5	50	Violet	Double Ply Flat Sling
BFS2-1000X4	1000	4.0	50	Violet	Double Ply Flat Sling
BFS2-1000X4.5	1000	4.5	50	Violet	Double Ply Flat Sling
BFS2-1000X5	1000	5.0	50	Violet	Double Ply Flat Sling
BFS2-1000X6	1000	6.0	50	Violet	Double Ply Flat Sling
2,000kgs Double Ply Flat Sling					
BFS2-2000X1	2000	1	65	Green	Double Ply Flat Sling
BFS2-2000X1.5	2000	1.5	65	Green	Double Ply Flat Sling
BFS2-2000X2	2000	2.0	65	Green	Double Ply Flat Sling
BFS2-2000X2.5	2000	2.5	65	Green	Double Ply Flat Sling
BFS2-2000X3	2000	3.0	65	Green	Double Ply Flat Sling
BFS2-2000X3.5	2000	3.5	65	Green	Double Ply Flat Sling
BFS2-2000X4	2000	4.0	65	Green	Double Ply Flat Sling
BFS2-2000X5	2000	5.0	65	Green	Double Ply Flat Sling
BFS2-2000X6	2000	6.0	65	Green	Double Ply Flat Sling

Other sizes & Configurations available upon request
 Note Minimum quantities may apply

3,000kgs Double Ply Flat Sling					
BFS2-3000X1	3000	1.0	90	Yellow	Double Ply Flat Sling
BFS2-3000X1.5	3000	1.5	90	Yellow	Double Ply Flat Sling
BFS2-3000X2	3000	2.0	90	Yellow	Double Ply Flat Sling
BFS2-3000X2.5	3000	2.5	90	Yellow	Double Ply Flat Sling
BFS2-3000X3	3000	3.0	90	Yellow	Double Ply Flat Sling
BFS2-3000X4	3000	4.0	90	Yellow	Double Ply Flat Sling
BFS2-3000X5	3000	5.0	90	Yellow	Double Ply Flat Sling
BFS2-3000X6	3000	6.0	90	Yellow	Double Ply Flat Sling
4,000kgs Double Ply Flat Sling					
BFS2-4000X2	4000	2.0	120	Grey	Double Ply Flat Sling
BFS2-4000X3	4000	3.0	120	Grey	Double Ply Flat Sling
BFS2-4000X4	4000	4.0	120	Grey	Double Ply Flat Sling
BFS2-4000X5	4000	5.0	120	Grey	Double Ply Flat Sling
BFS2-4000X6	4000	6.0	120	Grey	Double Ply Flat Sling
BFS2-4000X8	4000	8.0	120	Grey	Double Ply Flat Sling
5,000kgs Double Ply Flat Sling					
BFS2-5000X2	5000	2.0	150	Red	Double Ply Flat Sling
BFS2-5000X3	5000	3.0	150	Red	Double Ply Flat Sling
BFS2-5000X4	5000	4.0	150	Red	Double Ply Flat Sling
BFS2-5000X5	5000	5.0	150	Red	Double Ply Flat Sling
6,000kgs Double Ply Flat Sling					
BFS2-6000X2	6000	2.0	200	Brown	Double Ply Flat Sling
BFS2-6000X3	6000	3.0	200	Brown	Double Ply Flat Sling



Stage Rigging

BLACK Endless Round Slings

Rated Capacities: 1 and 2 tonne




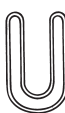



In theatres, concerts or large outdoor venues, Black Endless Round Slings are the rigger's choice when overhead suspension or lifting equipment is required.

Features & Benefits

- Easily set up and lightweight compared to wire rope slings.
- Reduced risk of damage to equipment when lifting.
- Offers a good strength to weight lift ratio.
- Less chance of hand injuries when using.
- Cost competitive compared to chain or wire rope slings.
- Easy to store and maintain.



Complies with AS4497.1-1997

 SLINGTECH	SLINGTECH Round Slings Comply to AS 4497.							
	L = LOAD FACTOR		L = 1.0	L = 0.8	L = 2.0	L = 1.7	L = 1.4	L = 1.0
BTS Code:	Colour	W.L.L Tonnes	VERTICAL W.L.L Tonnes	CHOKE W.L.L Tonnes	BASKET W.L.L Tonnes	60° W.L.L Tonnes	90° W.L.L Tonnes	120° W.L.L Tonnes
BRB1000	Black	1.0	1.0	0.8	2.0	1.7	1.4	1.0
BRB2000	Black	2.0	2.0	1.6	4.0	3.4	2.8	2.0

BTS Code:	W.L.L kgs.	Length mtr.	Width mm.	Colour	Description
1,000kgs Polyester Round Sling					
BRB1000X0.5	1000	0.5	47	Black	Round Sling
BRB1000X1	1000	1.0	47	Black	Round Sling
BRB1000X1.5	1000	1.5	47	Black	Round Sling
BRB1000X2	1000	2.0	47	Black	Round Sling

BTS Code:	W.L.L kgs.	Length mtr.	Width mm.	Colour	Description
2,000kgs Polyester Round Sling					
BRB2000X1	2000	1.0	51	Black	Round Sling
BRB2000X1.5	2000	1.5	51	Black	Round Sling
BRB2000X2	2000	2.0	51	Black	Round Sling
BRB2000X2.5	2000	2.5	51	Black	Round Sling
BRB2000X3	2000	3.0	51	Black	Round Sling
BRB2000X4	2000	4.0	51	Black	Round Sling



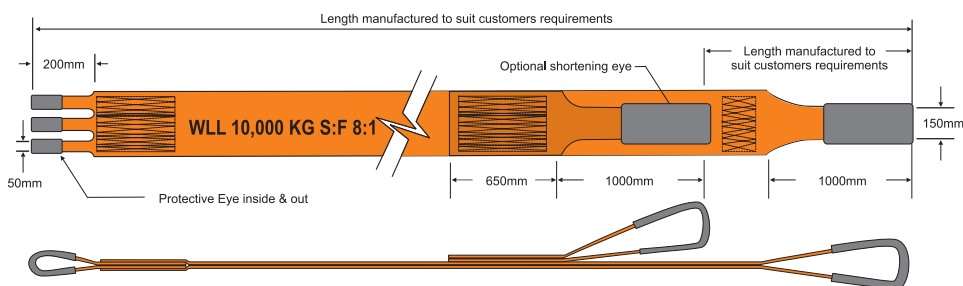


Boat lifting slings are used for raising boats and ships out of the water for maintenance and transfer over land. These marine slings are made with a special lifting sling application in mind and may require one or many specific features including: Chine pads, disconnects, sliding wear pads, sewn in weights or additional sewn eyes for adjustment. These boat slings, sometimes called travel lift slings, come in many different sizes and with a variety of options.

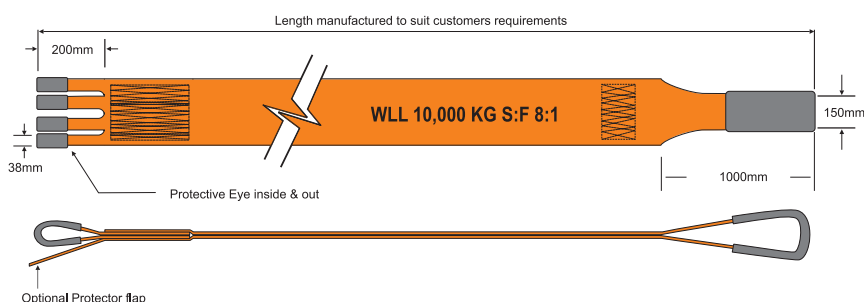
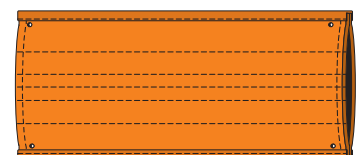
Please contact your sales consultant and they can provide you with a quote form with some common questions to fill out for an accurate quote. For further information on boat hoist slings, please read on below.

SLINGTECH Boat Slings can have specialty sewing included with one or many of the following custom sling options:

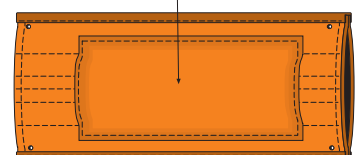
- **SLINGTECH Boat slings** are made from polyester webbing utilising its UV resistance, resistance to certain chemicals during cleaning and its low elongation properties.
- **Keel Pads** - The keel pad can be made with, or without, lead weights sewn in and is padded to protect damage to the keel. The lead weights help weigh the sling down in the water so the boat sling stays under the boat/ship easier.
- **Disconnect Pin** - The boat slings are typically disconnected with sewn fingers and a special pin that is used to keep the sling together. The disconnect is usually off centre to avoid contact with the keel. The disconnect of the webbing sling can also have an additional protective flap sewn in to protect the surface of the boat from abrasion damage.
- **Chine Pads** - Chine pads are to protect the chine, or angle in the hull, of a boat. These chine pads for the boat lifting slings typically slide or float on the boat sling allowing for them to be adjusted to the chines of the boat.
- **Additional Eyes** - On the longer boat sling, opposite of the disconnect, additional eyes can be sewn in on the strap to allow the polyester sling to be adjusted to alternate lengths. The more eyes sewn in, the more lengths the boat sling can accommodate for additional uses.
- **Tapered Eyes or Flat Eyes** - The eyes of the boat sling can have flat eyes or we can taper the width to allow for easier use with hardware. The tapered eyes allow for smaller shackles, or links, to be used to connect to the frame of the boat hoist you are using.
- **SLINGTECH boat slings** can be used in many applications from lifting small boats to hoisting large ships.



Chine Sleeve



Keel Pad
10Kg total Sheet lead insert (One side only)





Beaver Technology Services (BTS) commitment to supply quality products and service means that we are able to supply a wide variety of services in our **NATA** accredited laboratory. This commitment starts with our **AS/NZSISO 9001:2000** Quality Assurance right through to our highly trained and competent staff (many of our staff have been factory trained on a number of Materials Handling and Height Safety products).

Our **NATA** scope includes Australian, European and Military Standards and our experienced staff have been providing technical assistance to the Construction, Mining, Maritime, Military, Engineering and Materials Handling sectors for many years. All of our testing work is carried out in accordance with the relevant standard.

All of our testing equipment is calibrated as per Australian Standards (copies of calibration certificates are available on request) also all of our test beds produce computerised test certificates with graphical results showing force over time.

BTS has also developed a number of specialised testing and inspection regimes in conjunction with a number of customers to meet their specified needs, outside of the usual scope of products. **BTS** also ensures that dedicated equipment is tested in conjunction with the manufacturer's requirements and site specific needs.

Our **NATA** laboratory is located at our Girraween head office where we can offer the following services:

- Horizontal tensile testing to 270 metric tonne
- Compression testing to 100 metric tonne
- Vertical test machines in 30 & 100 metric tonne
- Portable load cells from 5 to 25 metric tonnes
- Chain block, lever block and hoist testing
- Magnetic crack testing (MCC)
- Product recertification
- Height safety drop testing to AS/NZS and EN standards
- Drop testing on height safety anchor points on our custom designed and built trailer
- Hardness testing (HRC, BHN & HV)
- Charpy impact testing

We also offer:

- On-site testing and inspections
- Hydraulic testing of Height Safety anchor points
- Testing officers / Riggers for your on-site emergencies
- Fast turn around with competitive rates
- Rigging services
- Setting up and maintenance of Testing and Equipment registers
- Issuing of test certificates

DISTRIBUTED BY:



Read Instruction Manual before using.
Inspect all moving parts.

