

TRIX CIRCUS PRODUCT INFORMATION SHEET TRAPEZE PRODUCTS AND COTTON DYNEEMA LYRA ROPE



	Kids Trapeze	Nylon Trapeze	Cotton Dyneema Trapeze	Triple Trapeze	Certified Swinging Trapeze	Cotton Dyneema Lyra Rope	Spreader Bar
MBS ropes**	10,000 _{kg}	12,000 _{kg}	4,900 _{kg}	9,800 _{kg}	5,500 _{kg}	2450 _{kg}	n/a
Dynamic WLL*	885 _{kg}	1,200 _{kg}	1,200 _{kg}	1,500 _{kg}	1,200 _{kg}	800 _{kg}	1,000 _{kg}
User Load Limit	125 _{kg}	170 _{kg}	170 _{kg}	280 _{kg}	170 _{kg}	160 _{kg}	170 _{kg}

If rigging to a single point, always use swivels on individual trapeze ropes to ensure that the lay of the rope remains consistent.

*User loads must take into account dynamic forces applied and not exceed the dynamic WLL.

**MBS/WLL/ULL units reflect double rope usage. This product is proudly made in Australia.

Trix Circus is an established company - operating in Australia for over 20 years with a proven track record. We guarantee our products are made to the most stringent safety standards. Trix Circus is recognised internationally for its commitment to safety.

Intended Use:

Trapezes can be dangerous if used recklessly or without experience. Accidents happen, therefore it is important that you never train alone.

- Always be careful when spinning, playing, training, rigging or walking near your apparatus. Hard contact to the head may cause serious injury. Ensure that everyone present remains aware of the aerial hazards in the space.
- Always ensure that there is a certified protective crash mat underneath you at all times. Swinging trapeze requires safety lines at all times.
- Always work with a professional coach.
- Avoid skills where the ropes are simultaneously pushed apart at the intersection between the ropes and the bar. These skills can bend and weaken the locator pins.

• Always employ a professional rigger. Never wrap the trapeze ropes around rigging or a crane bar. This will cause permanent damage and deformation to your ropes' core.

• Never use under the influence of alcohol or narcotics.

Compatibility:

Trapezes can be dangerous if incorrectly used in association with other materials.

- Make sure your equipment is compatible with all other components of your system. Incompatible connections may result in equipment failure, injury or death.

Rigging:

Incorrectly rigged equipment is dangerous.

- A suitable anchor/structure, assessed by a qualified a rigger and engineer must be installed to use the equipment.
- Do not rig within 1.5m (6m + for swinging trapeze) to any stationary object, including walls and poles.
- Minors should never be responsible for rigging any apparatus and should only use Trix Circus equipment under adult supervision.
- We recommend that the individual ropes of **ALL SINGLE POINT TRAPEZES** are rigged onto swivels to ensure that the ropes always return to the correct lay.

Maintenance and Storage:

It is important to protect your trapeze from any dirt and weather damage.

- Cover your trapeze with a protective casing or bag when travelling.
- Keep your trapeze indoors between uses and away from any surfaces that are likely to become wet, hot or cold.
- Do not store your equipment in a plastic container. Plastic containers can gather condensation and can cause mould damage.
- Always ensure your trapeze is treated with care when rigging.
- The use of resin, chalk and other adhesive grip aides is highly recommended. Make sure to change your tape regularly to avoid a build up of materials.
- When re-taping your trapeze, clean off any remaining glue residue with shellite before applying a new layer of tape.
- The static bars are made from mild steel and will form exterior rust if exposed to the air. Ensure painted finish is maintained. If necessary, sand off rust and repaint bar with galvanising paint.
- Never wash your trapeze products as they will not dry; only spot clean with natural soap flakes (eg. LUX) and brush down.
- The ropes of your nylon trapeze may stretch unevenly over time. If this happens, contact Trix Circus for a re-levelling service (fees apply).
- Nylon ropes will be taped in some handling areas to hide the ends of the splice. If the tape shifts, the frayed ends of the rope may become visible. This is not a safety concern. You may tape over these tightly and continue use or return to Trix for servicing.

Documentation:

Model:	
Serial Number:	TRIX-
Date of First Use:	
User/Owner:	

• Trix Circus is not responsible for any direct, indirect or accidental consequences, injuries, damages or deaths resulting from the use of our products and equipment.

• Aerial and circus arts are inherently dangerous. There is a risk of injury or death that cannot be eliminated.

• This user guide does not tell you everything you need to know. Consult with a qualified rigger.

• Use of Trix Circus equipment is only permitted if you understand and assume all risks and responsibilities for any damage, injury or death that may result.

• Everyone using this equipment must be given this guide and thoroughly understand the information included in it.

• You must have a rescue plan in place and the means to implement it.

• Do not use around electrical hazards, moving machinery, near sharp edges or abrasive surfaces.

Inspection:

Inspection is required before every use.

• Know the shape of your trapeze bar to recognise any deformities. Any deformity in the bar means that the strength of the trapeze has been compromised.

• The ropes should intersect the bar at a 90° angle. If this angle has exceeded 100°, the locator pin may fail and you will need to retire the bar.

• Keep a photographic record of your splices so that you can recognise any slippages or changes.

• Know the lay of your ropes and look for any twists or kinks. Regularly visually inspect for any fraying of the ropes.

• There is a locator pin in the bar to rope connection. Contact Trix Circus if you feel the pin through the splicing. A re-splicing service is available (fees apply).

Lifetime:

Up to 10 years for trapezes.

This will vary on use and storage conditions. Single use lifetimes are possible in extreme circumstances.

Principal Materials: Stainless steel, mild steel, cotton, nylon,

Retirement:

Retire from service and destroy if the gear:

- is suspected of having been overloaded.
- shows 10% or more damage or deformation to any metal connectors or the trapeze bar itself.
- has an angle between the ropes and the bar which has exceeded 100° (the locator pin may fail).
- has been misused, altered, damaged, exposed to harmful chemicals, etc.

Retire if you have any doubt about its safety.

Repairs or Modifications to Equipment:

Repairs or modifications are only allowed by the manufacturer or those authorized in writing by the manufacturer.

CAUTION: USE AT OWN RISK
AERIAL CIRCUS IS INHERENTLY DANGEROUS
USE UNDER CORRECT SUPERVISION WITH CORRECT INSTALLATION PROCEDURE
REGULARLY REFERENCE OUR WEBSITE AND READ THE LATEST USER INSTRUCTIONS
INSPECT BEFORE EVERY USE

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TRIX CIRCUS PRODUCT INFORMATION SHEET **GENERAL CONDITIONS AND WAIVER - EQUIPMENT PURCHASE**



1. Thank you for using products of Trix Circus Pty Ltd ACN 098 101 547 of 7 Mayes Place, Ormeau Qld 4208 (Us or TC) (Products). We want You to enjoy our Products in good health.
2. TC manufactures circus apparatus and related Products. You should consider some obvious and inherent risks in activities associated with our products (Activities).
3. You, by your Activities, accept the inherent risks of which a prudent person is or should be aware. You should consider this participation an exercise in good judgment and act in a responsible manner.
4. For everyone's safety, you must read and comply with these General Conditions and Waiver at all times, pay careful attention to Trix Circus' Product Information Sheets and carry out your own safety checks before Activities.
5. Activities involve significant exertion, stress and heights. You must be physically and mentally fit, having no medical conditions which could put You, Us or others at risk. Not all our products are suitable for pregnant women, those with heart problems, high blood pressure or back problems for example. You should inform Us and seek medical advice if uncertain.
6. Restrictions (including weight) apply to activities as for workplace health and safety (WHS) reasons. Please report any WHS issues to Us immediately.
7. You must wear suitable clothing and accessories and be aware that Your property may be damaged or dirtied when using Our Products.
8. The venue hosting the Activities must provide You appropriate Personal Protective Equipment (PPE). Please use the PPE according to directions and treat it carefully so it works best for You.
9. Coaches, parents, guardians and carers are responsible for persons under their supervision, such as children.
10. Activities should vary subject to adverse weather conditions, maintenance activity or other operational reasons.
11. No glassware, sharp objects, food, beverages, alcohol or drugs may be associated with Activities except for tap water in a drink bottle.
12. You are responsible for your own property.
13. You must act carefully both for Yourself and others, and refrain from behaviour which could affect your safety, the safety of others, the safety of the Activities.
14. You must not infringe our intellectual property rights including copyright, designs, systems and patents.
15. You agree to the use of Your image and likeness for Our promotion and related purposes without compensation in relation to Products.
16. We take all reasonable steps to provide you with safe and enjoyable Products. However, You and all Users use Our Products at your own risk. You and all Users indemnify us and We are not liable for any person in respect of the loss of life or personal injury to, any person, whether that loss, damage or personal injury is by any person's (including Our) misfeasance and/or non-feasance.
17. We may add special conditions to these terms at our discretion in writing, verbally or by our conduct. This would usually be for WHS or other reasons. You are welcome to offer us special conditions in writing for signed acceptance from Our director.
18. By using and our purchasing Our Products you agree to these terms. If this is not acceptable, We will happily accept return of our Products and refund the purchaser of our products all payments, immediately and in full.

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TRIX CIRCUS
PRODUCT INFORMATION SHEET
INSPECTION LOG



Model:	Serial Number:	Date of First Use:	Owner:
	TRIX-		

Date:	Condition:	Inspector:

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TRIX CIRCUS PRODUCT INFORMATION SHEET CORDE LISSE PRODUCTS



	Corde Lisse/ Spanish Web**	Cloudswing	Lyra Corde Rope	Hand Loop	Spanish Web Lanyard (White)	Spanish Web Lanyard (Black/Red)
MBS	2,450 _{kg}	4,200 _{kg}	3,000 _{kg}	2,500 _{kg}	3,150 _{kg}	2800 _{kg}
Dynamic WLL*	800 _{kg}	1200 _{kg}	800 _{kg}	800 _{kg}	900 _{kg}	800 _{kg}
User Load Limit	160 _{kg}	200 _{kg}	160 _{kg}	150 _{kg}	160 _{kg}	160 _{kg}

*User loads must take into account dynamic forces applied and not exceed the dynamic WLL.

**Not including hand loop. See hand loop column for details.

Corde lisse products are available in infinite colors and lengths up to 12m.

Made in Australia using foreign and domestic materials.

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Intended Use:

Aerial equipment can be dangerous if used recklessly or without experience. Accidents happen, therefore it is important that you never train alone.

- Always be careful when spinning, playing, training, rigging or walking near your apparatus. Ensure that everyone present, remains aware of the aerial hazards in the space.
- Always ensure that there is a certified protective crash mat underneath you at all times.
- Always work with a professional coach to ensure ongoing safety.
- Always employ a professional rigger to install your equipment.
- Never use under the influence of alcohol or narcotics.
- The corde lisse lyra rope is designed for tabless aerial hoops. If you use it with a tabbed hoop, expect a shorter lifespan of the connecting sling/fabric.

Rigging:

Aerial equipment is dangerous when rigged incorrectly.

- A suitable anchor and/or structure must be installed to use the equipment. This can only be assessed by a qualified rigger and/or a certified engineer.
- Do not rig within 1.5m to any stationary object, including walls and poles.
- Minors should never be responsible for rigging any apparatus and should only use Trix Circus equipment under adult supervision.

Compatibility:

Corde lisse can be dangerous if incorrectly used in association with other materials.

- Make sure your equipment is compatible with all other components of your system. Incompatibility of connections may result in equipment failure, injury or death.

Maintenance and Storage:

It is important to protect your equipment from any substances that may cause the fabric to deteriorate or weaken.

- Do not store your equipment in a plastic container. Plastic containers can gather condensation and may cause mould to grow.
- Keep your equipment away from any surfaces that are likely to become wet, hot or cold and keep indoors between uses.
- Always ensure your equipment is treated with care when rigging.
- Never daisy chain your corde lisse. Only COIL for storage. Daisy chaining the corde lisse may weaken the outer casing and reduce the lifespan of the apparatus.
- Never wash your corde lisse products as they will not dry; only spot clean with natural soap flakes (eg. LUX) and brush down. Do not machine dry or expose to extreme heat.
- Using resin, chalk and other adhesive grip technologies is recommended.

Principal Materials

Cotton, interloc, nylon, steel, dyneema.

Lifetime:

Up to 5 years for corde lisse products

This will vary on use and storage conditions. Single use lifetimes are possible in extreme circumstances.

Repairs or Modifications to Equipment:

Repairs or modifications are only allowed by the manufacturer or those authorized in writing by the manufacturer.

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• Everyone using this equipment must be given this guide and thoroughly understand the information included in it.

• You must have a rescue plan in place and the means to implement it.

• Do not use around electrical hazards, moving machinery, near sharp edges or abrasive surfaces.

Inspection:

Inspection is required before every use.

- Photographically record the stitching on your corde lisse product. Perform regular inspections and if any loose stitching is found immediately cease use and contact the manufacturer.
- Within the lifetime of the apparatus the exterior casing may rip. This is normal wear and tear and does not alter the integrity of the inner core. If a rip occurs, discontinue use immediately and contact Trix Circus. A recovering service is available (fees apply).
- Minor fading in color may occur when used outside - this may effect the integrity of the fabric. If excessive discoloration/fabric defects are found please discontinue use and contact the manufacturer for a recovering service (fees apply).
- Regularly check the maillons are sufficiently tightened. The vibrations of aerial work may loosen the screw mechanism. For long-term rigging, tighten the maillon with a spanner.
- Corde lisse lyra rope: The connecting sling between the corde lisse lyra rope and the hoop is a friction point. This sling needs to be thoroughly inspected before each use. Discontinue use immediately if there is wear on the sling. You may contact Trix Circus for a restoration service (fees apply).

Retirement:

Retire from service and destroy if the corde:

- is suspected of having been overloaded.
 - has been misused, knotted, altered, damaged, exposed to harmful chemicals, etc.
 - shows 10% or more damage or deformation to any metal connectors (maillons).
 - Corde lisse lyra rope: retire if there are any signs of wear on the connecting sling.
- Cease use and contact manufacturer if the equipment:*
- has fraying, tears or broken stitching.
- Retire if you have any doubt about its safety.**

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