

WIRE ROPE LADDERS



STAINLESS STEEL & ALUMINIUM

David Sullivan

E: david@wireropeladders.com.au

M: 0413 940 722

W: WWW.WIREROPELADDERS.COM.AU



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OUR WEBSITE

**100% Safety Tested &
Manufactured in Australia**



Safe Working Load: 130kg

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WHY WIRE ROPE LADDERS?

Our ladders are:

- Lighter than a conventional ladder
- More resistant to weather (especially stainless steel)
- More flame resistant than materials such as wood
- It can be deployed in confined spaces
- Able to be rolled up for easy transport and storage



Safe Working Load: 130kg

ABOUT US:

We are an Australian-owned company that has been involved over many years with safety, whether that be protecting people, debris or the environment.

Our company specialises in manufacturing Wire Rope Ladders use quality items to ensure a quality product.

When making the Wire Rope Ladders, we use only quality:

- **Galvanised Steel Aluminium**
- **Grade 316 Stainless Steel**

These Ladders are all tested and certificates can be included with the purchase of our ladders.

Our ladders are designed for use in difficult places where a rigid ladder would be impracticable.

The lightweight ladder is easy to carry in a backpack.



Safe Working Load: 130kg

FLEXIBILITY:

The ladders have rigid rungs (aluminium and stainless steel) and flexible sides made from wire rope. The advantage of this is that it allows the ladders to be suspended from a fixed point rather than a conventional ladder. Our ladders can be rolled up for easy transport and storage, weigh much less than a conventional ladder and can be deployed in confined spaces.

All ladders have a SWL of 130kg. They have a tag with serial number, manufacturer's identification, date of manufacture and safety maintenance check.

These flexible ladders were originally developed for caving exploration, but their progression into different industries has been very successful over the years.

Such as:

- Events rigging
- Theatre
- Confined space silo access
- Manhole and sewer access
- Marine/pleasure boats
- Military
- Climbing walls
- Mining industry
- Fire escape ladders
- Caving ladders



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ALUMINIUM: Ladders

LIGHT WEIGHT:

Our Aluminium Light Weight Rope Ladders are slightly stronger and have a wider step than the lightweight ladders. Both ends of the ladders are fitted with thimbles for easy erecting.

Designed to meet the needs of various situations and businesses such as caving, spelunking, climbing centres and arborists. Also, it is widely used in construction industries because of its lightweight, durability, and ease of transport. The narrow width of the ladder (200mm) makes it easier to climb. It enables the climber to keep their body close to the ladder in a near upright position, thus minimising strain on the arms.

This ladder is made from high-quality Australian galvanised cable and aluminium. It has a 4mm galvanised cable with 20mm x 200mm aluminium rungs. Each ladder comes with thimbles at both ends swaged with a Hydraulic press.

MEDIUM WEIGHT:

Our Aluminium Medium Weight Rope Ladders have a wider step than the aluminium light weight ladders and are slightly stronger.

Both ends of the ladders are fitted with thimbles for easy erecting.



Safe Working Load: 130kg

ALUMINIUM: Specifications

LIGHT WEIGHT:

Wire Rope: 4mm diameter, 7 x 7 galvanised

Rungs: 20mm x 20mm x 200mm

Breaking Load of Wire Rope: 900kgs (each side)

Approx. Weight: 6m = 2kg, 9m = 3kg, 15m = 4kg

The SWL of the ladder is: 130 kg



MEDIUM WEIGHT:

Wire Rope: 4mm diameter, 7 x 7 galvanised

Rungs: 20mm x 20mm x 300mm

Breaking Load of Wire Rope: 900kgs (each side)

Approx. Weight: 6m = 4.2 kg, 9m = 6.3 kg, 15m = 10.6 kg

The SWL of the ladder is: 130 kg



Safe Working Load: 130kg

STAINLESS STEEL:

Ladders

LIGHT WEIGHT:

Stainless Steel Light Weight Rope Ladders are a great asset for commercial environments including marine, oil & gas mining, silos, and tanks. Both ends of the ladders are fitted with thimbles for easy erecting. Stainless steel ladders are usually sought where a corrosive environment might reduce the life span of an aluminium wire rope ladder. Stainless steel wire rope gives additional strength and durability. These do not corrode and are made with grade 316 stainless steel and copper ferrules.

MEDIUM WEIGHT:

Our stainless steel medium weight rope ladders are usually sought where a corrosive environment might reduce the life span of an aluminium wire rope ladder. Stainless steel wire rope gives additional strength and durability. These are very strong and can withstand harsh environments. Non-corrosive and made with grade 316 stainless steel and copper ferrules. Both ends of the ladders are fitted with thimbles for easy erecting.



Safe Working Load: 130kg

STAINLESS STEEL: Specifications

LIGHT WEIGHT:

Wire Rope: 4mm diameter Grade 316 SS

Rungs: 20mm x 20mm x 300mm

Breaking Load of Wire Rope: 900kgs (each side)

Approx. Weight: 6m = 6.2kg, 9m = 9.5kg, 15m = 15kg

The SWL of the ladder is: 130 kg



MEDIUM WEIGHT:

Wire Rope: 4mm diameter Grade 316 SS

Rungs: 20mm x 20mm x 300mm

Breaking Load of Wire Rope: 900kgs (each side)

Approx. Weight: 6m = 6.2kg, 9m = 9.5kg, 15m = 15kg

The SWL of the ladder is: 130 kg



Safe Working Load: 130kg

ACCESSORIES:

All wire rope ladder accessories can be purchased as we manufacture custom-made ladders.

Below is a list of accessories we frequently include:

- Non-Slip Finish on each rung
- Safety Record Tag
- Snap Hook/s
- Stainless Steel Traces
- Rubber Standoff Disc



Safety Record
Tag

Rubber Standoff
Disc

Stainless Steel
Trace

Our standard stock comes in the following sizes:

- 6m
- 9m
- 15m
- 20m
- 25m
- 30m

However, if you require a specific size please give myself a call on 0413 940 722



Safe Working Load: 130kg

PRICE LIST: ALUMINIUM LADDERS

LIGHT WEIGHT

Size:	Price:	Measurements & Weight:	
6m	\$350.00	20mm x 200mm	3kg
9m	\$460.00	20mm x 200mm	5kg
10m	\$550.00	20mm x 200mm	5kg
12m	\$650.00	20mm x 200mm	6kg
15m	\$690.00	20mm x 200mm	8kg
20m	\$920.00	20mm x 200mm	10kg
25m	\$1150.00	20mm x 200mm	12.5kg
30m	\$1380.00	20mm x 200mm	15kg

MEDIUM WEIGHT

Size:	Price:	Measurements & Weight:	
6m	\$390.00	20mm x 300mm	4.2kg
9m	\$490.00	20mm x 300mm	6.3kg
10m	\$590.00	20mm x 300mm	6.6kg
12m	\$690.00	20mm x 300mm	7.95kg
15m	\$750.00	20mm x 300mm	10.6kg
20m	\$990.00	20mm x 300mm	14.1kg
25m	\$1250.00	20mm x 300mm	17.6kg
30m	\$1450.00	20mm x 300mm	21.2kg



Safe Working Load: 130kg

PRICE LIST: STAINLESS STEEL LADDERS

LIGHT WEIGHT

Size:	Price:	Measurements & Weight:	
6m	\$440.00	19mm x 200mm	4.5kg
9m	\$490.00	19mm x 200mm	7kg
10m	\$610.00	19mm x 200mm	7.1kg
12m	\$740.00	19mm x 200mm	8.5kg
15m	\$915.00	19mm x 200mm	12kg
20m	\$1220.00	19mm x 200mm	16kg
25m	\$1425.00	19mm x 200mm	20kg
30m	\$1750.00	19mm x 200mm	24kg

MEDIUM WEIGHT

Size:	Price:	Measurements & Weight:	
6m	\$490.00	19mm x 300mm	6.2kg
9m	\$590.00	19mm x 300mm	9.5kg
10m	\$690.00	19mm x 300mm	10kg
12m	\$790.00	19mm x 300mm	12kg
15m	\$990.00	19mm x 300mm	16kg
20m	\$1320.00	19mm x 300mm	21.3kg
25m	\$1650.00	19mm x 300mm	26.7kg
30m	\$1850.00	19mm x 300mm	32kg



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CARE & USAGE:

Normally, the life of wire rope will depend upon the amount of bending it receives. Bending can be minimised by the following:

- If a large anchorage (belay point) causes the ends to diverge excessively an extra trace could be used or a karabiner linked across the “C” clips.
- The rungs should be horizontal – not tilted.
- If the wires between adjacent rungs tend to form a helix, the ladder has probably passed through itself. This should be corrected so that the wires become relaxed.
- Do not walk on the ladder whilst not erected.
- Please place padding over sharp edges.

The site should be cleared of loose rocks and equipment. A “C” clip must not have more than one other load-bearing “C” clip engaged with it.

If the previous usage of the ladder is not known, it should be inspected for damage. A few broken wires may not be serious, but any damage should be tagged and reported. (Manufacturer can affect repairs).

A safety helmet should be worn.

A safety line is always a good idea, especially on long climbs. There is a variety of belaying devices and techniques available. Those not experienced in this field should seek advice.



Safe Working Load: 130kg

CARE & USAGE:

CLIMBING TECHNIQUE: When climbing only 4.5m or so, the technique is not very important. However, on longer climbs an inexperienced person can become exhausted very quickly. The main thing is to make the legs do the work. This is best achieved by “hugging” the ladder whenever possible so that the hands are inserted from the other side. Some people insert the heels of their shoes from the other side. There is still a natural tendency “to hang on for grim death” with the arms, and some mental concentration is necessary to overcome this. Long climbs should not be attempted without some practice.

A karabiner or snap hook attached at the waist is very useful. The climber can hook himself onto the ladder rung and rest comfortably. It also leaves both hands free.

CORROSION: Occasional wetting with fresh water will not cause significant corrosion. However, it should be washed if necessary and dried before storage. Greater care will be needed if exposed to seawater. A corrosion retarding fluid could be applied provided it does not make the rungs greasy.

LIMITATIONS: These ladders are designed for use when a rigid ladder or a safer means of access is unavailable. They are not intended to withstand the wear and tear of a fixed installation or indifferent usage. However, they are much safer than a single rope and should provide many years of faithful service.



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IMAGE GALLERY:



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IMAGE GALLERY:



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PO Box 30, Ashmore City, QLD 4214