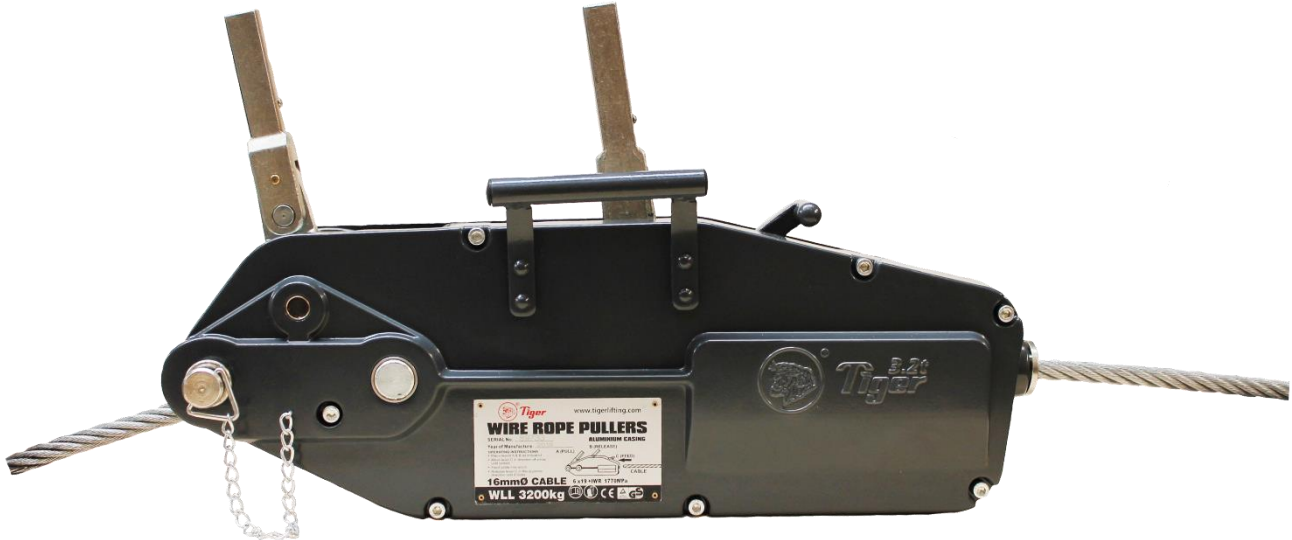


Home of the Tiger hoisting, clamping, winching and height safety ranges

Tiger Wire Rope Pulling Machine Model No. TRPA/TRPS



TRPA (Aluminium)

Main Features

- Range from 800kg to 5400kg (Lifting Capacity)
- Lightweight manual pulling machines - simple and safe to operate
- Compact high-strength
- Corrosion free aluminium alloy casing
- Steel versions also available
- Usable at horizontal, vertical and angled working positions
- 20m steel wire with eye hook as standard
- Rope clamp system easily disengaged with a lever allowing smooth installation of wire rope
- Equipped with an anchor bolt offering numerous connection possibilities
- Overload protection built in, with a shearing pin in the forward lever
- Shear pins can be replaced without removing the load
- Spare shear pins supplied
- Parallel clamping system providing evenly distributed grip at a lower force, resulting in less rope wear
- Individually serial numbered for traceability
- Supplied with relevant certification and user instructions

These units meet and exceed all the requirements within BS EN 13157:2004+A1:2009.

The Tiger manual wire rope puller is a hand operated lifting and pulling device. The puller could also be used for lowering, tensioning and guying which makes it a versatile, portable and multipurpose tool.

Certification:

Each unit comes fully certified with a test certificate or an EC Declaration of Conformity stating compliance with the essential health and safety requirements of the Machinery Directive 2006/42/EC.



TRPS (Steel)

Our innovation, your safety

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Increase the Pulling and Lifting Capacity:

Various methods of rigging are shown. For the correct and incorrect method refer to figures 1 and 2. Other methods of rigging will increase the capacity of the machine – refer to figures 3 and 4.

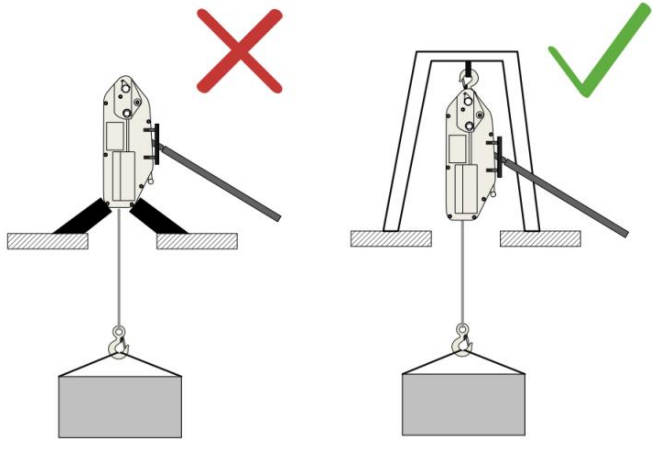


Figure 1

Figure 2

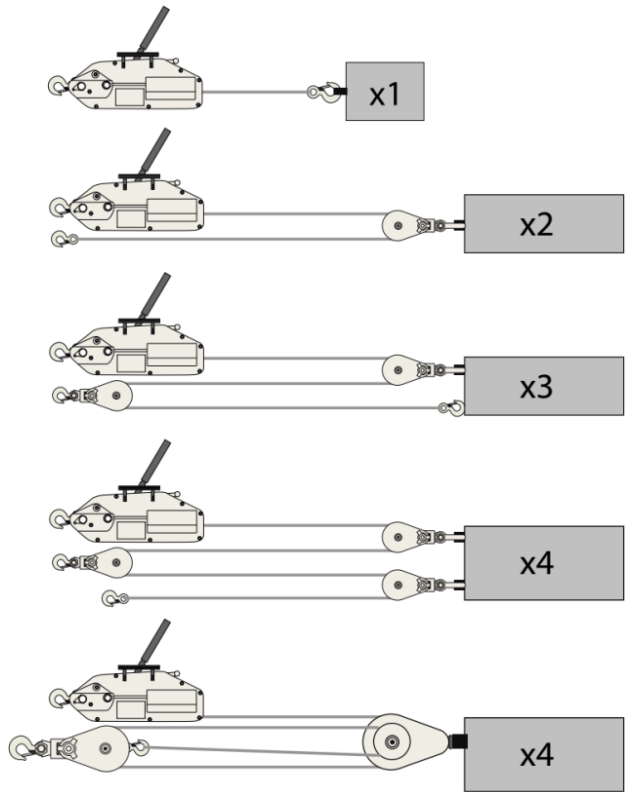


Figure 3

In examples 3 and 4 the maximum working load limit (WLL) of the pulley and anchor point shall be equal to or greater than two times the WLL.

NOTE: When the wire rope puller is anchored directly to a fixed point, ensure that there are no obstructions around the machine which could prevent the wire rope, puller and anchor from operating in a straight line.

It is recommended to use a sling of similar capacity between the anchor point and the unit.

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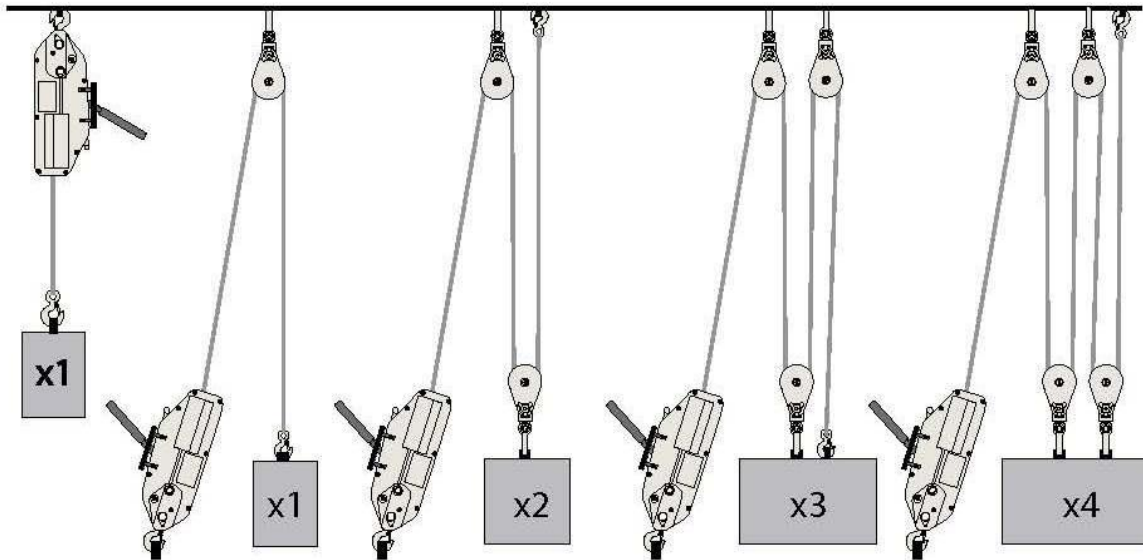


Figure 4

WARNING: Any rigging configuration which requires the calculation of forces applied should be checked by a competent engineer, with special attention to the strength of the fixed point used.

Technical Data

Tiger wire rope pullers are available in two models with the following capacities:

Aluminium Casing

Product Code	WLL (kg)	Pulling Capacity (kg)	Rope Diameter (mm)	Breaking strain (kN)	Effort (kg)	Advance /Pull (mm)	Net Weight (kg)	Overall Length (mm)	Overall Height (mm)	Overall Width (mm)
TRPA-08	800	1200	8.3	43	35	52	6.0	426	235	64
TRPA-16	1600	2400	11	120	41	55	11.0	545	280	97
TRPA-32	3200	4800	16	162	45	28	22.0	660	325	116
TRPA-54	5400	8000	20	264	76	30	59.0	930	480	152

Steel Casing

Product Code	WLL (kg)	Pulling Capacity (kg)	Rope Diameter (mm)	Breaking strain (kN)	Effort (kg)	Advance /Pull (mm)	Net Weight (kg)	Overall Length (mm)	Overall Height (mm)	Overall Width (mm)
TRPS-08	800	1200	8.3	43	35	52	8.0	440	265	63
TRPS-16	1600	2400	11	120	41	55	14.5	550	300	77
TRPS-32	3200	4800	16	162	45	28	28.0	690	350	91

Due to our policy of continual product development, dimensions, weights and specifications may change without prior notice.