

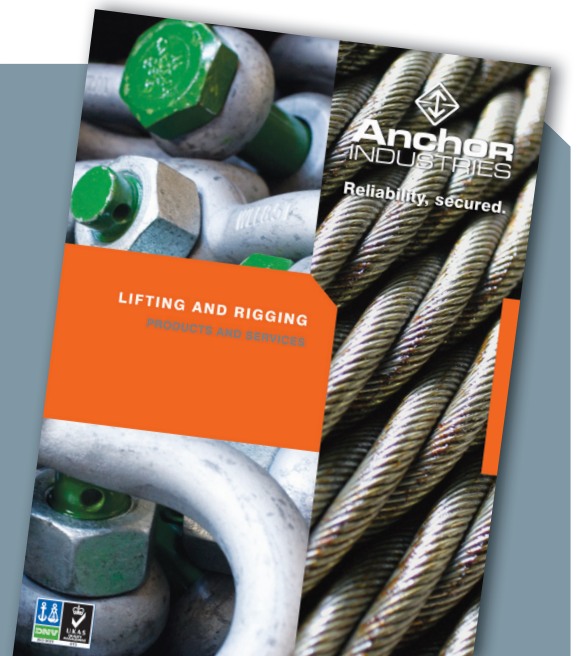


Anchor
INDUSTRIES

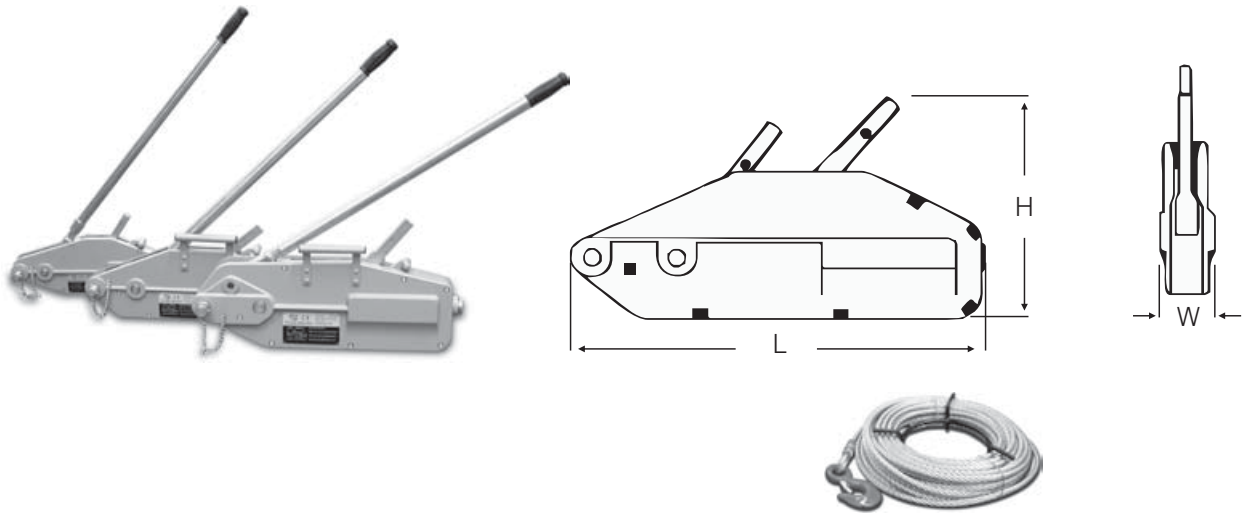
Reliability, secured.

PULLING EQUIPMENT

CHAPTER 6 OF THE CURRENT
LIFTING AND RIGGING CATALOGUE



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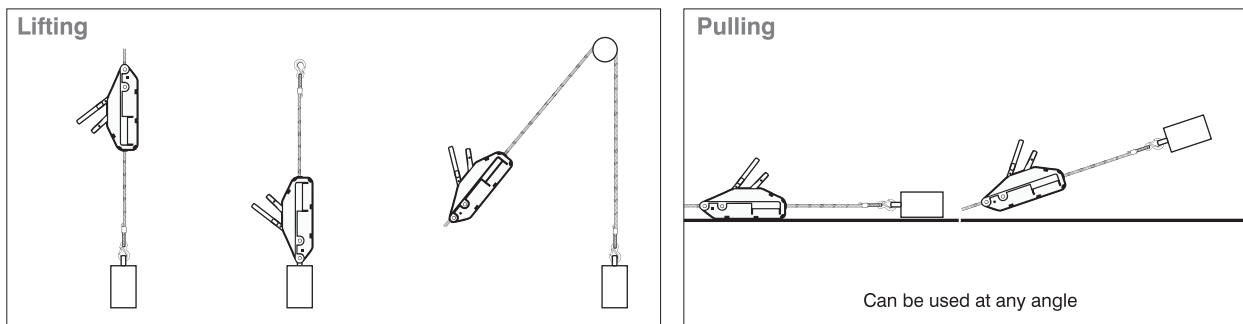
SWR Lifting and Pulling Machine (Cast Aluminium Body)

■ SWR Lifting and Pulling Machine (Cast Aluminium Body)

Model	Lifting Capacity	Pulling Capacity	Lever Pull at Rated Load	Forward Travel	Rope \varnothing	Net Weight			Dimensions		
						Body	SWR 20 m	Lever Handle	L	W	H
						[t]	[t]	[N]	[mm]	[mm]	[kg]
YAL008	0.8	1.2	284	52	8.3	6.4	7.0	1.15	440	70	255
YAL016	1.6	2.4	412	55	11	12.4	11.5	2.5	560	100	295
YAL032	3.2	4	441	28	16	23.3	23.5	2.5	675	120	350
YAL054	5.4	8.1	850	25	20	58	36	3.7	940	170	440

Factor of Safety (Winch) 4:1

Factor of Safety (SWR) 4:1

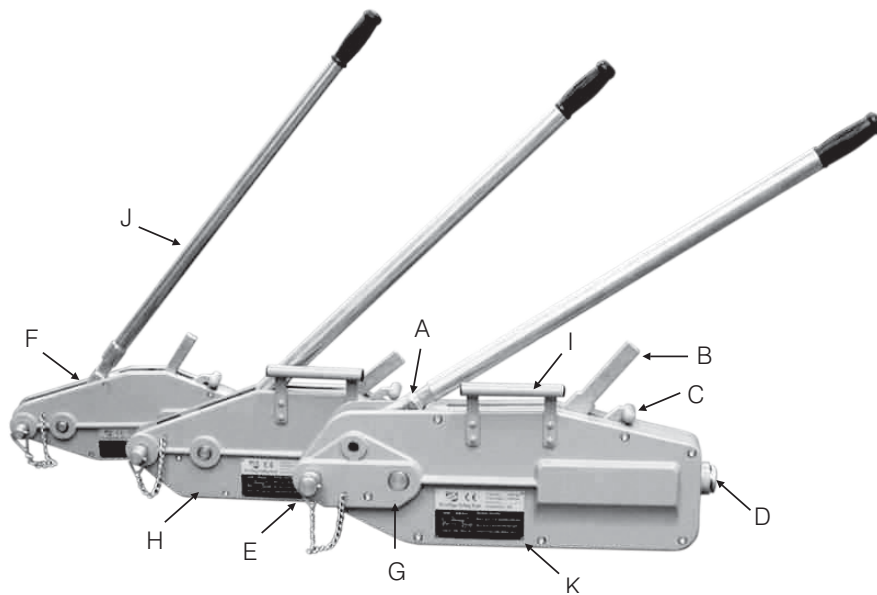


Check before each use

- Inspect the SWR for defects such as twisted or bent links, kinks, bird caging excessive wear
- Ensure the free end is slightly tapered to enable easy threading of the wire through the winch
- Check for any increase in the throat opening of the hooks and distortion or damage to ferrule secured eye
- Presence of label and legibility of markings
- If any defects are detected withdraw the winch from service

Cleaning, lubrication and storage

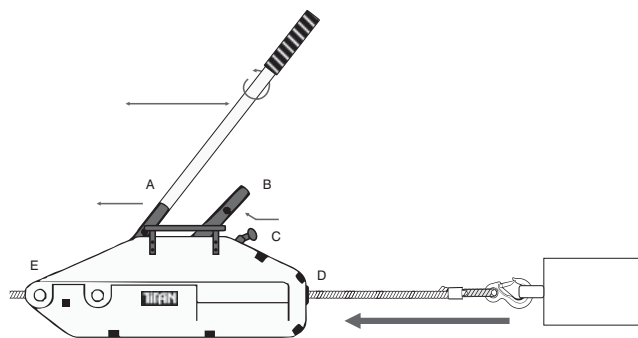
- Keep all visual parts clean, free from grease, mud or material that may affect the performance of the winch
- Spray the working parts except the jaws with chain lubricant
- Only use SWR as recommended by the manufacturer
- When storing the unit for extended periods clean and spray the unit and SWR to prevent rust
- Always wind the SWR back onto the spools for storage



- A Forward Lever
- B Backward Lever
- C Rope clamp
- D Rope guide
- E Anchor pin
- F Shear pin
- G Pivot pin
- H Cast aluminium body
- I Carry handle
- J Adjustable handle
- K ID lable

Features

- Built-in shearing pin (F): Prevents overload. It functions at approx 25% overload and the pins can be replaced without removing load
- Backward Lever (B) and Forward Lever (A): Placed in tandem providing a slim design and assuring power transfer along the center
- Spare shear pins (F): Two pieces of spare shear pins located in the carrying handle
- Rope clamp system (C): Easily disengaged with a lever allowing smooth installation of the steel wire rope
- High strength cast aluminium alloy body (H): Light weight, simple to operate. Large, flat bottom surface for increased stability in horizontal as well as vertical working position
- Stamped serial number (K): For easy identification
- Anchor Pin (E): Offers numerous and versatile connection possibilities with load hooks, steel wire rope and chain slings
- Adjustable handle (J): For easy operation
- Galvanised SWR mounted on a reel: Standard lengths of 10 m, 20 m and 30 m. Custom lengths available on request
- Each unit is tested to 1.5 times its capacity and a test certificate is issued



Operation

Anchoring

The winch should be secured to a fixed point ensuring the Anchor pin (E) is fully engaged and locked. Secure the safety hook to the load and lay out the SWR.

Insertion of SWR

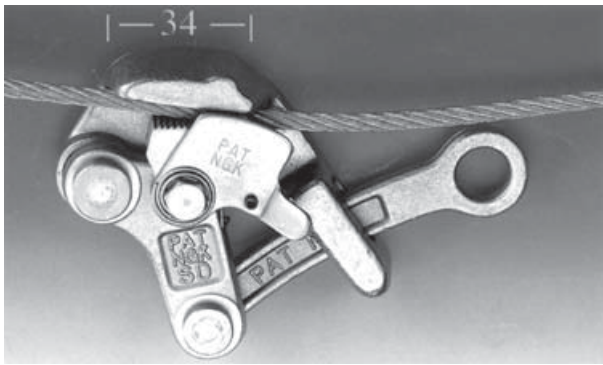
Position levers (A) and (B) fully to the left. Move the rope clamp (C) left and then up to disengage the lock. Feed the tapered end of the SWR through the rope guide (D) and internal jaws from right to left until the excess SWR protrudes through the unit. Press the rope clamp down firmly to engage the lock. Check that the SWR is now locked between in the winch jaws.

Commence winching

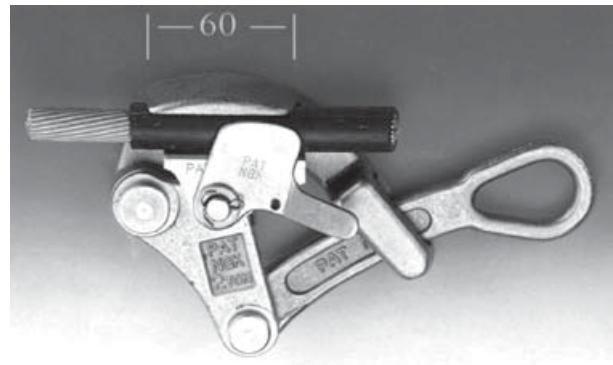
Slide the adjustable handle down over lever (A) and rotate to lock into position. Move the handle left and right to operate the winch and take up the load.

Release the load

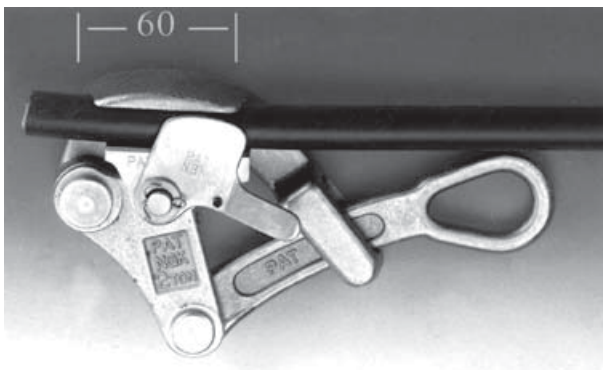
Remove the handle from lever (A) and place fully onto lever (B). Move the handle from left to right to operated the winch and release the load. After the tension has been fully release move levers (A) and (B) fully right and open the jaws by moving the rope clamp as described.



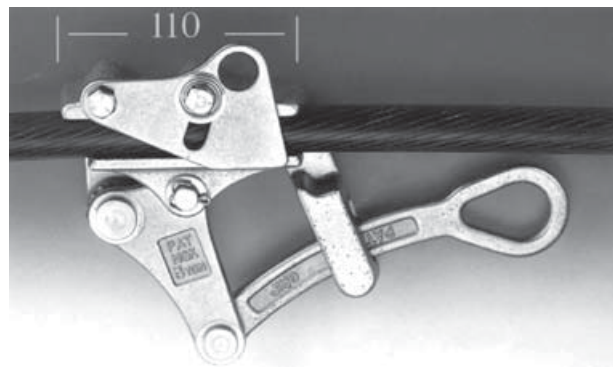
SD Wire Grip



2 Ton Mighty Grip



2 Ton Aluminium Covered Grip (Smooth Jaws)



3 Ton Grip

■ NGK Grips

Model	Product Code	Rope \varnothing	Work Load Limit	Weight
		[mm]	[t]	[kg]
1 Ton SD Wire Grip	SD-1000C	2.6 ~ 15	1	0.6
2 Ton Mighty Grip	S-2000CL	4 ~ 22	2	1.3
2 Ton Aluminium Covered Grip Smooth Jaws	S-2000AL	4 ~ 22	2	1.3
3 Ton Grip	S-3000CL	16 ~ 32	3	2.5

Powerline Kits available on request including: Sling, Lever Hoist, NGK Grip and carry bag.