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S83-8888 MILLS PSP POLE TENSIONER

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OVERVIEW:

Designed for the installation of overhead fibre drop cables, the Mills PSP Pole Tensioner is used in conjunction with Pulley Drop Wire 4 (S83-2685) and Pulley Drop Wire 6 (S83-2686), and allows 5, 6, and 7mm cable drops to be constantly tensioned when installed pole to pole or to premise. The Pole Tensioner comprises a lightweight aluminium frame with two tensionable pulleys and a ratchet strap.

The Mills Pole Tensioner can then be strapped to the pole via a ratcheting webbing strap at a recommended height of 450mm from the base of the pole.

The unit is manufactured and machined in aluminium. Built to be extremely durable and robust for operator use, but light enough for efficient handling, attaching, operating and storage.

OPERATION:

The fibre drop can be fed from an A Frame (S13-1200) or preferably an Xboard (S00-3283) or a Mills Drum-Mate (S00-9770) with Mills Top Hat attachment (S13-0304) and feeds through the pole tensioner, then up to the ring head through a Pulley Drop Wire 4 (S83-2685) before being pulled overhead to an adjacent pole or premise through a Pulley Dropwire 6 (S83-2686), which ensures the cable is kept tensioned at all times, and can effectively allow for the process to be a one man installation.

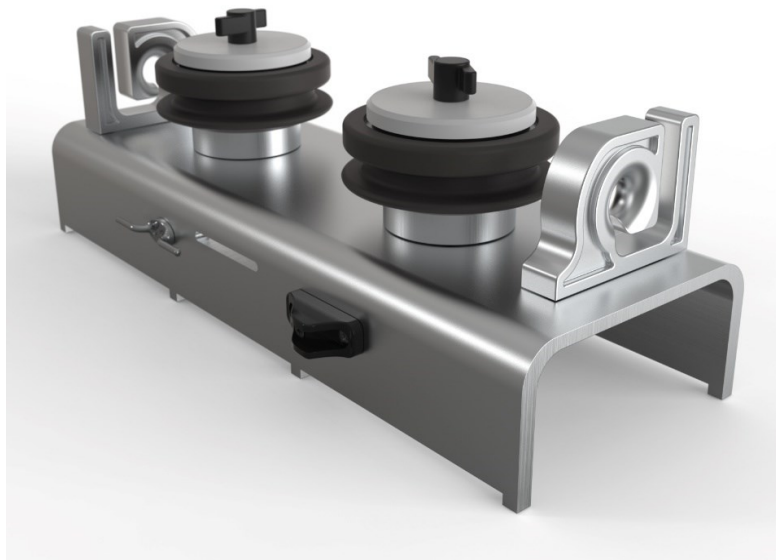
KEY FEATURES:

- Compatible for standard fibre drop wire cables 5-7mm
- Strong aluminium construction
- Design to work with wooden telegraph poles
- Patented soft cable grips
- Adjustable drag brake
- Fully serviceable unit
- Individual serial numbered

Pulley Drop
Wire 4
(S83-2685)



Pulley
Dropwire 6
(S83-2686)





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Fig 1

OPERATION INSTRUCTIONS:

The Tensioner needs to be strapped securely to the pole in a vertical position at a recommended height of 450mm from the base of the pole as shown (Fig 1). The Tensioner can be mounted either way up. The strap must thread through both slots in either side of the tensioner to ensure a firm location on the pole. The strap should be threaded as shown in Fig 2.



Fig 2

When the Tensioner is securely attached to the pole using the ratchet strap, the cable can then be loaded into the device.

The 'Snails' at either end of the device guide the cable on and off the Tensioner wheels. By threading the cable into the Tensioner through the 'Snails' it means the cable does not need to be cut. Lead the cable into the soft plastic jaws directly in front of Snail going halfway around the drum and then on to the opposite side of the second drum. The direction of coil will then reverse as it passes into the jaws of the second drum and back out of the Snail. This can be seen in Fig 3.

Pulling the cable by hand and adjusting the tension on the cable before pulling it between the poles ensures adequate back tension is achieved. By tightening down the adjustment wing nuts, friction is increased, and the braking effect is increased.

This is designed as a hand pull operation device.

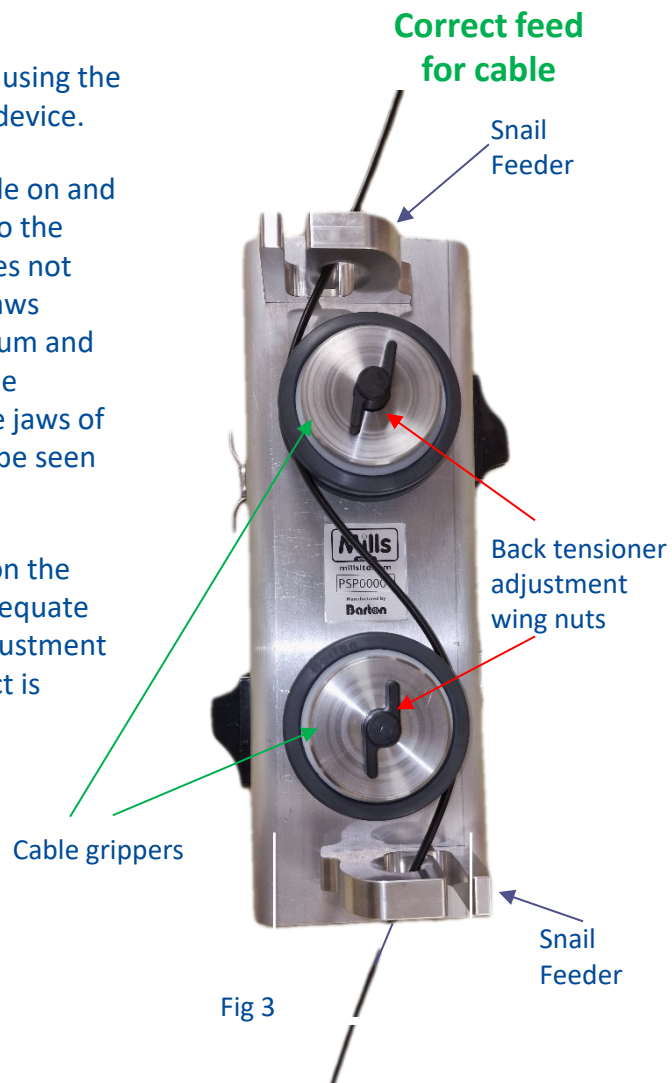


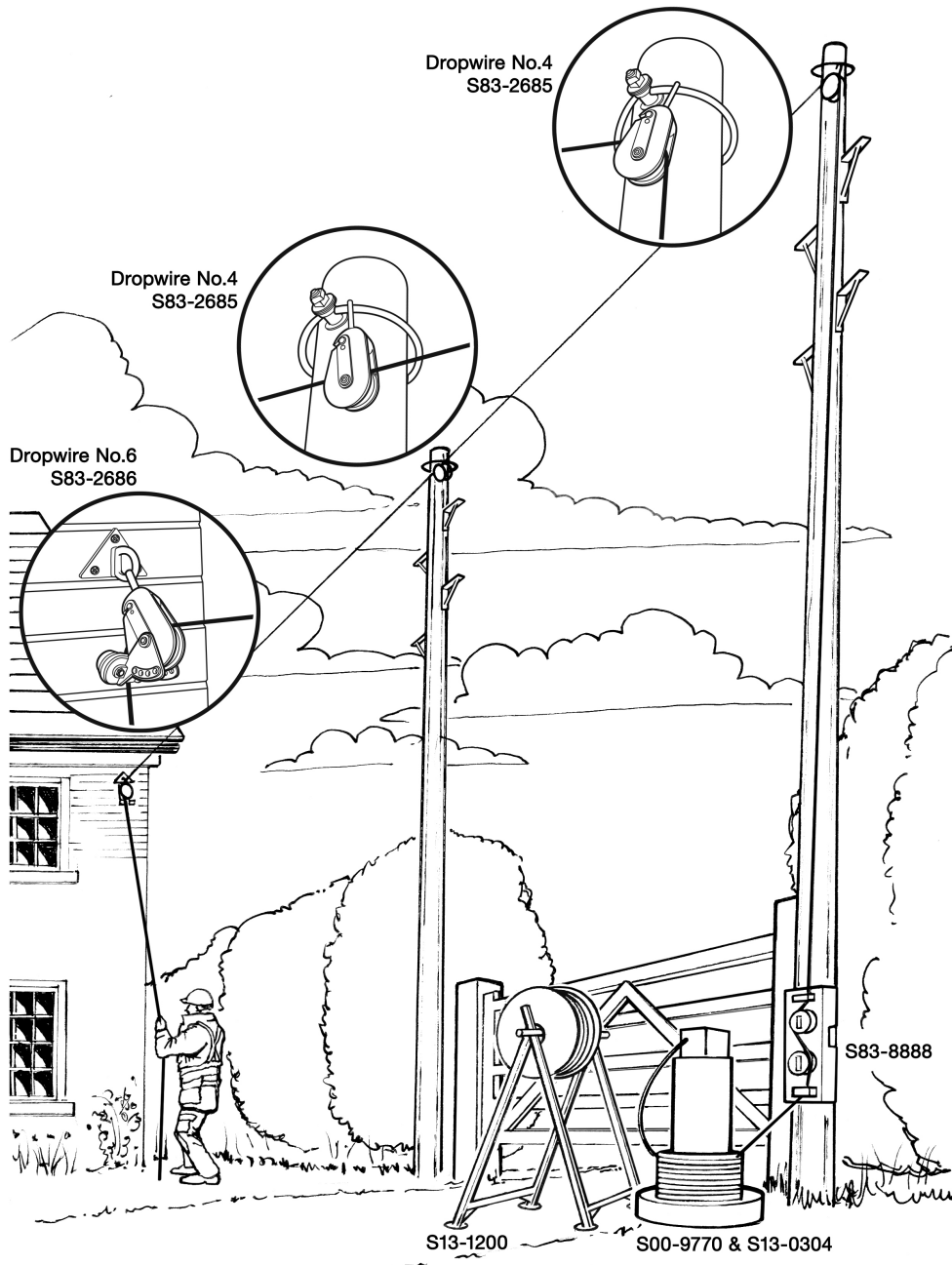
Fig 3



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EMERGENCY STOP:

If the cable starts to run away' tighten one or both adjustment wing nuts in clockwise direction. This can completely lock the cable in position. Releasing the wing nuts will reduce friction and restart the movement of cable.



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