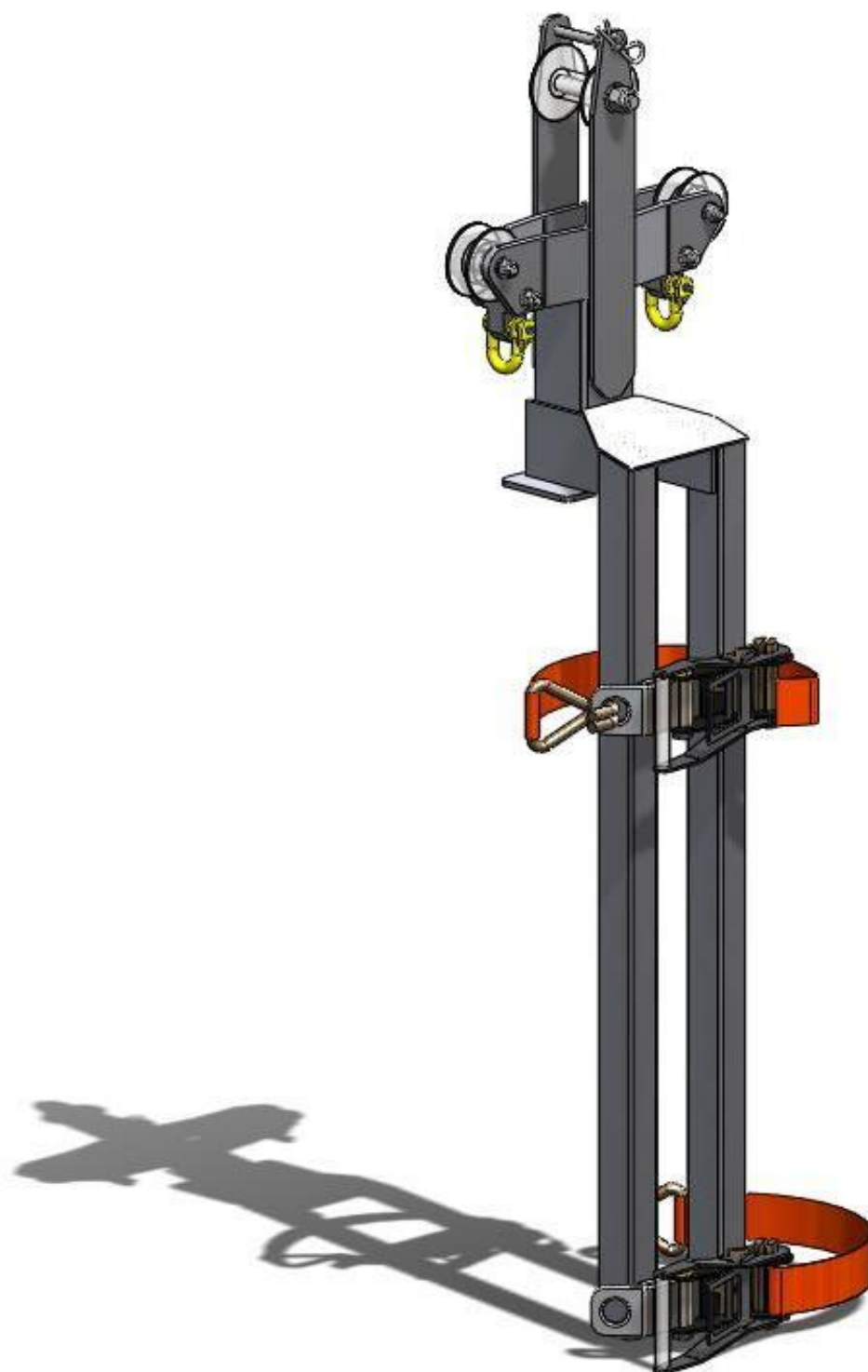


### User Instructions: CLY 1020

### Double Cross Arm Lifter



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### User Instructions:

### Double Cross Arm Lifter

#### Technical Specifications:

Safe Working Load:	300kg
Weight:	10kg
Max Sash Rope Diameter:	16mm

#### Attaching X-Arm Lifter to Pole:

The x-arm lifter should be located on the pole with the base resting on the top of the pole and legs parallel with pole as shown in figure 1.



Fig. 1

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The ratchet webbing straps should be looped around the pole and secured in place in accordance with User Instructions UI ZZ 105 03 appended to this document.

Fig. 2 shows the strap correctly fitted with the strap flat against the pole and hook correctly inserted - take note of the hook orientation. The strap must not be twisted.



Fig. 2

Fig. 3 and 4 show incorrectly fitted straps.



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Fig. 3



Fig. 4

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#### Running and Supporting Conductors:

The Double X-Arm Lifter can be used to run out or support conductors whilst a cross arm is put in position - see Fig. 5. To position a conductor in the support roller, remove the R-Clip, slide the bolt out until it is held by the circlip and place the conductor in the support roller. Removal is the opposite of insertion.



#### Lifting Cross Arms:

Ensure you have a sash line which is in good condition and sufficiently rated to lift the cross arm. The following steps 1 - 3 may be carried prior to or after mounting the X-Arm Lifter on the pole.

**DO NOT EXCEED THE MAXIMUM SAFE WORKING LOADS STAMPED ON EQUIPMENT.**

1. Feed the sash line through the outer nylon roller on the side on which you wish to lift the first cross arm. See fig. 6.



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2. If the X-Arm Lifter Bracket (CLY 1018) is being used, feed the sash line through the bracket roller and tie off securely on the yellow loop as shown in Fig. 7. If a X-Arm Lifter Bracket is not available, tie off securely to the X-Arm and proceed to step 4.

It is strongly recommended that a Lifting Bracket is used to ensure the safe lifting of the X-Arm in the as-mounted position to reduce the effort required when it comes to manually locating the X-Arm when mounting it to the pole

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3. Undo Bracket M12 T-Bolts and insert X-Arm into Lifting Bracket as shown in Fig. 8. Ensure that the bracket is located at the mid-point of the X-Arm for level lifting. Tighten the T-Bolts and ensure that the X-Arm is located correctly in the bracket with the vertical face of the X-Arm flush with the bracket back plate.



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4. Hoist the X-Arm into position from ground level at a safe distance from the base of the pole and securely tie-off the sash line to a suitable anchor.
5. For poles with a double cross-arm requirement, leave the X-Arm Lifter in position and repeat steps 1 - 4 to fit the second cross arm.
6. Secure X-Arms to the pole using correct fasteners as per relevant standards. Once X-Arms are secure, the lifting brackets can be removed and lowered to the ground with the sash line.
7. Remove any conductors from the top support roller.
6. Once all cross arms have been fitted and conductors removed from support roller, the Double X-Arm Lifter can be removed by carefully undoing the two ratchet straps.