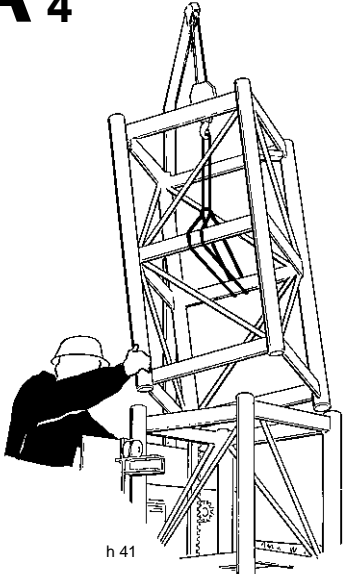


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Up and down limit cams are located at the top and bottom of the mast and act on the normal limit switches located on the work platform. These provide safe and automatic stopping at the normal terminal positions of the platform.

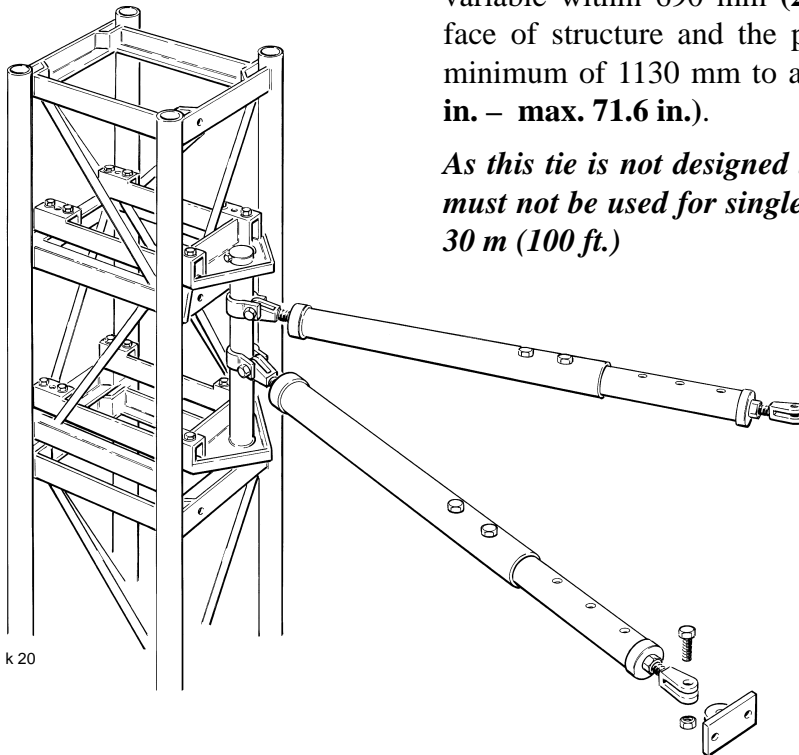
Additional protection is provided by means of a final limit switch with its cams located a minimum prescribed distance above and below the normal limit positions. Activation of this switch removes power to the platform should some fault occur with the normal switches.

Mast ties come in three different types and are used to tie the platform at greater lifting heights or when using some of the available options that reduce the equipments allowable free standing height, (i.e. canopy, pedestal base, etc.)

Mast tie type 31

This tie is primarily used for twin masted installations. The tie is telescopic variable in the vertical direction. The tie width varies depending on the chosen length of the tie, which is variable within 690 mm (27.2 in.). The distance between the face of structure and the platform for this tie type is from a minimum of 1130 mm to a maximum of 1820 mm (min. 44.5 in. – max. 71.6 in.).

As this tie is not designed to take the mast torsional forces, it must not be used for single mast platforms with heights above 30 m (100 ft.)

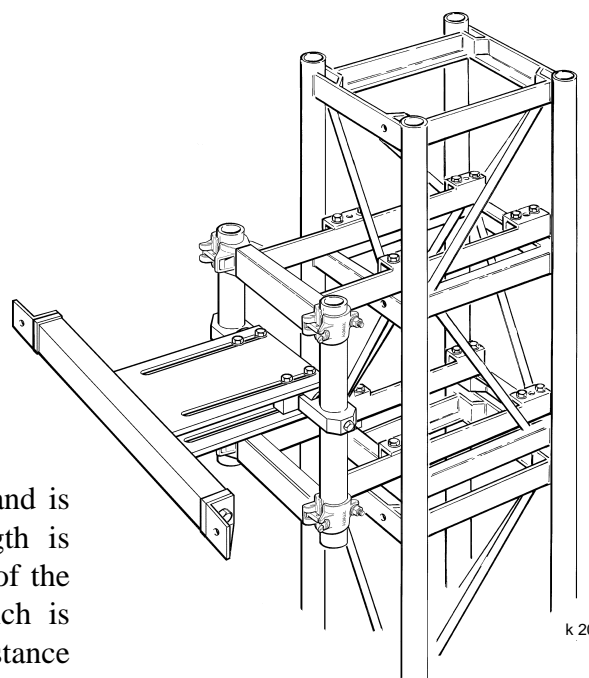
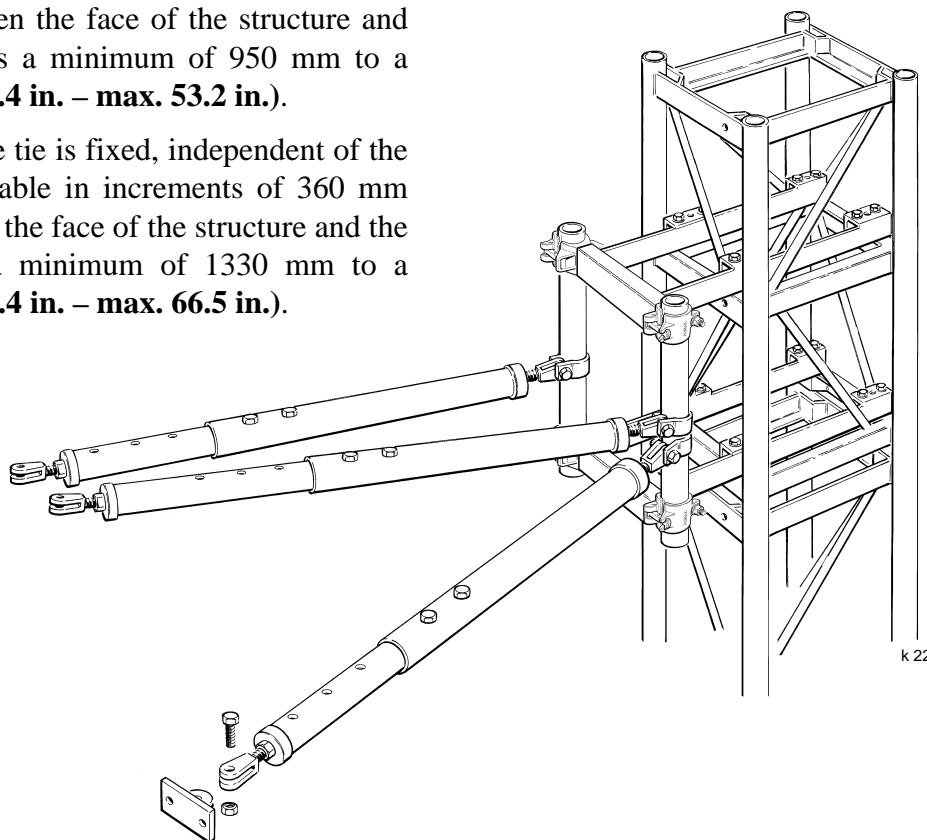


Mast tie type 32

This tie type is used for single or twin masted installations, and is designed to take mast torsional stresses. The tie length is telescopic adjustable in the vertical direction.

Type 32 Short: The width of the tie is fixed, independent of the length of the tie, which is variable in increments of 400 mm (15.75 in.). The distance between the face of the structure and the platform for this tie type is a minimum of 950 mm to a maximum of 1350 mm (min. 37.4 in. – max. 53.2 in.).

Type 32 Long: The width of the tie is fixed, independent of the length of the tie, which is variable in increments of 360 mm (14.2 in.). The distance between the face of the structure and the platform for this tie type is a minimum of 1330 mm to a maximum of 1690 mm (min. 52.4 in. – max. 66.5 in.).



Mast tie type 23

This tie is used for single or twin masted installations, and is designed to take mast torsional stresses. The tie length is steplessly adjustable in the vertical direction. The width of the tie is fixed, independent of the length of the tie, which is variable in increments of 182 mm (7.2 in.). The distance between the the face of the structure and the platform for this tie type is a minimum of 360 mm to a maximum of 543 mm (min. 14.2 in. – max. 21.4 in.).