



OPERATING INSTRUCTIONS

TPS & TPT Column Range

Lowering Procedure

1 - Fit safety chain 'G' to lug 'A' and attach other end to handle 'B' with shackles provided.

The safety chain should be 325mm long (+or-1 link) plus the shackles.

2 - Remove inspection door 'C' using key provided.

3 - Slide winch into slot 'D' (reel down) ensuring that it engages fully. Winch type WUA for use on 6 & 8 mtr products and WUB for 6 mtr only.

4 - Wind cable off winch & connect to lug 'E' on inner side of channel using shackle provided. Ensure the cable has a free run under roller 'H'.

5 - Remove the securing bolts 'F' and open column to extent of safety chain.

6 - Winch in excess cable until the safety chain just becomes slack.

7 - Remove safety chain and lower column to desired position.

Note - The Heavy Duty Winch (WUA) is designed to lift load (reel in) when crank is turned clockwise. This action will produce a clicking sound within the mechanism. To lock load at desired position, release handle. To lower load (reel out) turn crank handle anti-clockwise. To lock load at desired position, turn handle clockwise until at least 2 clicks are heard inside the mechanism before releasing the handle.

Raising Procedure

1 - Wind column into its vertical position and secure with bolts 'F'.

2 - Never disconnect the winch cable until the bolts 'F' are fixed and secure.

3 - Once the column is vertical, there is facility for added security if desired. A padlock may be attached through the aligning slots 'J' & 'K'.

Maintenance

1 - Periodically check all the column sections for signs of wear and corrosion. Repair, treat or replace as required.

2 - Check winch cable for signs of damage or deterioration with every operation.

3 - Grease main gear wheel and column rollers on a regular basis.

Safety

When raising or lowering the column, please ensure that all other persons, other than the operator are well clear of the area in which the tower is sited.

Ensure that all operatives are familiar with all operating instructions and procedures.

1ST ANGLE PROJN 	UNITS:- mm	CUSTOMER CCTV a trading division of WEC Group Ltd	JOB / ORDER NUMBER	
DIMENSION TOL'CE 	ANGLE TOL'CE	MATERIAL	TREATMENT OR FINISH	
GENERAL SURFACE FINISH 	SCALE NTS	ASSEMBLY No.	No. OFF PER ASSY.	PART No.
DESCRIPTION Operating Instructions TPT & TPS Columns upto & including 8 metres		DRAWING No. WEC-008-0307-0		A3
DRAWN David Kay	CHECKED	DATE 18th June 09	SUPERSEDES	
WELDING ENGINEERING LTD, BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE BB3 2RB. TEL: (01254) 773718 FAX: (01254) 873637				
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