

**Model 8518001 includes the following**

Item	Part #	Qty.	Description
1	8518001	1	UCL Advanced 12" to 29" Variable Offset Mast
SHOWN BUT NOT INCLUDED			
2	8515651	1	Head Mounted U-Bracket

**DESCRIPTION:**

The UCL model 18001 Advanced Variable Offset Mast is designed for use where multiple offset masts are required, and is compatible with UCL Safety Systems Advanced lower masts, mast extensions and bases. The Variable Offset Mast may be equipped with front mounted and/or back mounted winches & SRL's and features a 5000 lb.(2272 Kg) capacity anchor point for fall-arrest anchorage. For applications with overhead clearance restrictions, the adjustable height of the Variable Offset Mast can eliminate the need for custom length lower masts and mast extensions. Powder-coated aluminum construction for lightweight durability. The addition of a quick release pin allows for easy collapsibility and transport.

**General Specifications:**

Rated Capacity (Working Load Limit) 450 lb.(204 Kg.) working load @ minimum 4:1 safety factor

**PROOF LOAD RATINGS**

Anchor points

A) Standard

- Pin Position 1 & 2 5000 lb. (22 kN)
- Pin Position 3 3600 lb. (16 kN)
- Pin Position 4 3000 lb. (13 kN)

B) Optional

5000 lb (22 kN)

Winch / S.R.L. Mount Positions

A) Rear Mount

- Pin Position 1 & 2 5000 lb. (22 kN)
- Pin Position 3 3600 lb. (16 kN)
- Pin Position 4 3000 lb. (13 kN)

B) Front Mount

- Pin Position 1 & 2 2500 lb. (11 kN)
- Pin Position 3 & 4 1800 lb. (8 kN)

Proof Tests

UCT-395, UCT-405, UCT-406, UCT-407, UCT-408, UCT-409, UCT-410

Weight

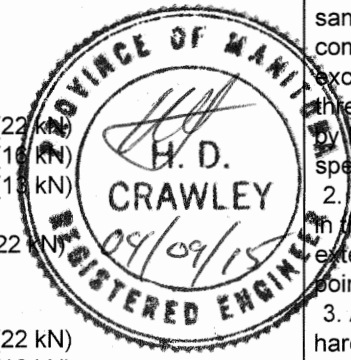
22.6 lb.(10.3 Kg.)

**Materials & Construction:**

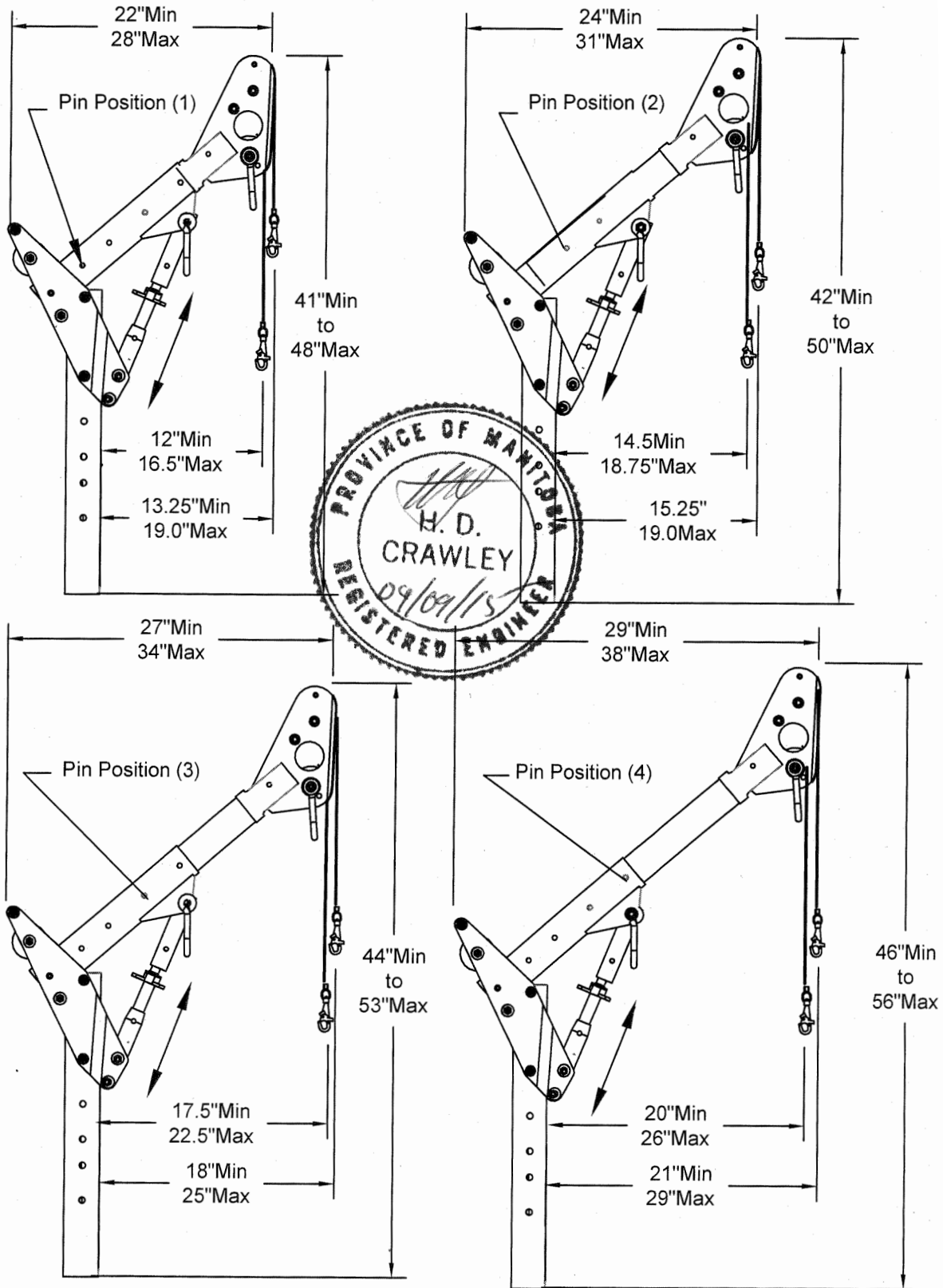
General Construction Welded Aluminum  
 Weld Certification CWB-47.2  
 Hardware Gr.5, CS500 Zinc Plated  
 Material  
 Structure 6061-T6, 5052-H32, 7075-T6 Aluminum  
 Block Anchor 304 Stainless Steel  
 Finish Fluorescent Green powder coat

**Application Restrictions:**

1. UCL Advanced Lower masts and mast extensions are designed to function as the same component. A maximum of two components may be combined, but must not exceed 90" (2286 mm) in height. Multiples of three or more must be reviewed and approved by Unique Concepts Ltd on an application specific basis.
2. Winches and Blocks **MAY NOT** be mounted in the front position on lower masts or mast extensions. Rear mounting is allowed at any point.
3. All winch and block mounting parts and hardware **MUST BE** supplied or approved by Unique Concepts Ltd.
4. Retractable devices or shock absorbers **MUST BE** installed and used in accordance with the manufacturer's instructions.
5. Masts **MUST BE** used with bases or sleeves approved for use with the applicable mast offset.
6. Upper masts **MUST BE** used with an appropriately sized lower mast.
7. Where required by regulation, each installation **MUST BE** approved to all applicable standards by a qualified engineer.
8. All equipment **MUST BE** set up and operated under the supervision of a competent person according to the manufacturer's instructions.



**\*\*ALL PICTURES SHOWN WITH MINIMUM OFFSET**



\*MAXIMUM OFFSET DETERMINED WITH ADJUSTABLE GUSSET FULLY COLLAPSED (NO VISIBLE THREADS)  
 \*MAXIMUM OFFSET DETERMINED WITH ADJUSTABLE GUSSET FULLY EXTENDED (AS SHOWN IN ALL PICTURES ABOVE)