

# Designed For Reliability..

## WATER FLOW

### General Description

The Type A Bridge Crane is a collapsible unit intended for measuring discharge or for sediment sampling from bridges. The crane is made from structural aluminium and stainless steel material. The crane includes a winch mount to accommodate the WS300 & WS400 (optional) sounding winch as well as USGS type A reel. It is simple to put up and folds down into an easily carried sized package with no nuts and bolts to put in or remove.

The Type A Bridge Crane is a popular measuring outfit which is used for weights and sediment samplers up to 45Kg.

The Type A Bridge Crane consists of a two heavy duty in-line wheels fitted to the base assembly, a fixed third (roadside) wheel, and all the necessary supporting chassis components. When in use, the crane is tipped up and stands on the two inside wheels while the crane rests against the bridge railing with the boom arm been extended 1 metre out over the river. The two in-line wheels provide stability when the crane in contact with the handrail

### Features

- Robust Construction.
- Easy to install and use
- Operates in a narrow space

- Collapsible crane for transport purposes
- Used with weights up to 45 Kg
- Light weight approximately 25 Kg without the winch

### Specifications

- Material: Robust Construction in Aluminium, Stainless Steel & Delrin materials.
- Operating Dimensions: 1800 mm Long x 950 mm Wide x 1400 mm Arm Depth ( 6' Long x 3' Wide x 4.6' Arm Depth)
- Storage Dimensions: 1800 mm Long x 950 mm Wide x 200 mm Deep ( 6' Long x 3' Wide x 0.7' Deep)
- Folding:
  - Scissor action folding for both winch support and rear wheel extension
  - Pivots around cross supports, which slide up and down vertical supports/ rails.
- Wheels:
  - 3 x Rubber and Cast Aluminium Wheels
  - 2 x wheels move in a lateral left or right position, parallel to the bridge rail
  - 1 x wheel for support purposes



3 WHEELER BRIDGE CRANE

N.B. Specifications are subject to change at any time without notice.

## Contact Us

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