

# Designed For Reliability..

## WATER FLOW/SURFACE WATER

### General

The Van Veen Grab is a sampler for collecting bottom sediments for biological, hydrological and environmental studies from the bottom surface in a water environment. The "Van Veen's grab" is a very useful tool. It can be easily handled and gives in many cases a quite good sample. During the descent to the bottom the two buckets are held in open position by the means of a hook. When the grab hits the bottom the tension on the hook is released and the hook is disengaged. When the line is hoist the buckets close automatically.

The use of the "Van Veen's" grab is very simple. It must be attached to a line. For the 0.5 litre type a 6mm and for the 2 litres type a 10mm braided line is recommended; these types can be used by hand. The larger models must be handled with a winch (Type San Model WS400). Before lowering the grab must be opened as shown in figure 1; engage the pawl in the brace and keep the cable taut.

Handle carefully while lowering so that the pawl remains in its position till the buckets contact the bottom. The pawl then disengages. When the cable is raised the buckets close. On deck open the grab above a bucket and clean the grab inside.



VAN VEEN GRAB

### Features

- Robust construction
- Easy to use
- Suspended by hand for smaller models
- Suspended by winch for larger models
- No maintenance required

### Specifications

Model	Grab Size in litres	Material	Weight in Air (Kgs)	Contents (Litre)	Surface Covered in dm <sup>2</sup>
VVG/2.4	0.5 L	Stainless Steel With Lead Blocks	2.4	0.5L	1.25
VVG/5.3	2L	Stainless Steel With Lead Blocks	11	2L	2.5
VVG/20	6L	Hot Dip Galvanised Steel	30	6L	5

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