

Ubag A, Single Cylinder Bag

Ubag Subsea Construction and Support Bag System

Doc. No.: IN-UDE-180-DS-061, Rev. 01

The **Ubag Type A** includes a number of different size and weight single cylinder shaped bags. These are part of the Ubag system that includes Subsea Construction and Support Bags that can be used for a number of applications, and they are available in a variety of geometries, sizes, weights, and configurations, that are installed separately or in combinations.



Construction

- Made from high strength, tear and wear resistant three layer polypropylene laminated fabric. The fabric permits water and air to penetrate, not sand contained inside the bags.
- Smaller Ubags, less than 200kg dry weight, are provided with ROV handling loops. Larger Ubags are provided with integrated webbing strap loops or webbing sling (dependent on weight) for single point lifting.
- The Ubags are filled either with gravel, sand or with standard 25kg sandbags.
- The bags are provided with heavy-duty industrial type Velcro as the primary closing feature. Additionally they are provided with straps/loops for secondary closing.
- Unlimited surface / subsea lifetime provided that it is not exposed to UV radiation (i.e. sunlight) over a long period (1 year +).

- Single cylinder Ubags are available in two standardized width / height combinations. The length and weight are variable. See datasheet [page 2](#) for size and weight combinations.

Application & Particulars

- Applications for Ubags are stabilization, protection, construction, support, separation, weight or counterweight, levelling or levelling adjustment, rock dump stabilization or side support, landing support, scour protection or prevention.
- They are reusable after recovery.
- Filled with sand or gravel, the Ubags are less likely to damage subsea equipment in case of an accidental contact.
- Smaller bags includes handling loops that permit them to be positioned on the seabed by the ROV. I.e. multiple bags can be moved by the ROV in one operation.
- The tough Ubag fabric will withstand rough handling and impact with other objects without being tear open. Furthermore, the Ubag fabric accommodate sand erosion caused by seabed current considerable better than standard sandbags.
- Rental ROV basket is available for deploying a number of Ubags in one single run (e.g. Ubags A/B with Ubags standing vertically for easy ROV grabbing).



Contacts

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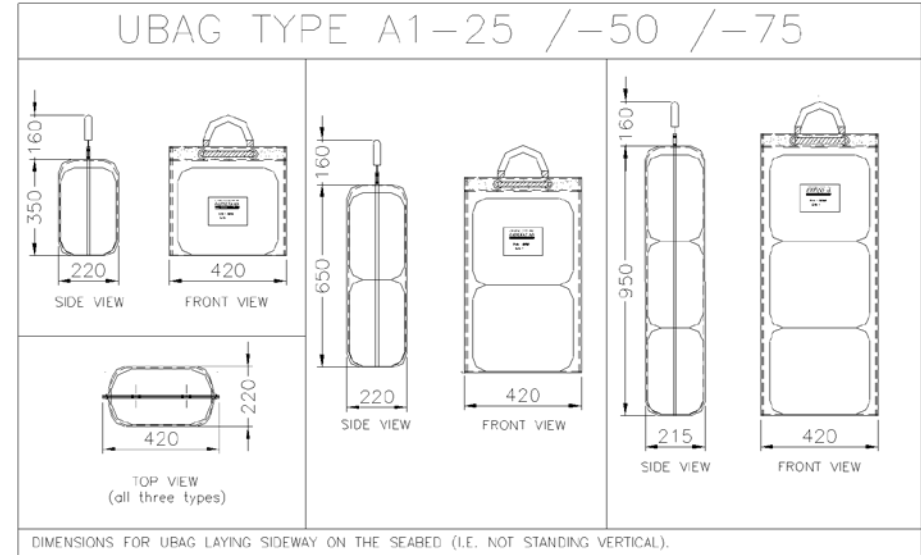
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Ubag Type A1 - Single Cylinder Bag

Ubag A1 Types	Length (m)	Width (m)	Height (m)	Dry Wgt. (kg)	Seawater Wgt. (kg)
A1 - 25	0.35	0.42	0.22	25	15
A1 - 50	0.65	0.42	0.22	50	31
A1 - 75	0.95	0.42	0.22	75	46
A1 - 100	1.25	0.42	0.22	100	61
A1 - 125	1.55	0.42	0.22	125	76
A1 - 150	1.85	0.42	0.22	150	92
A1 - 175	2.15	0.42	0.22	175	107
A1 - 200	2.45	0.42	0.22	200	122
A1 - 225	2.75	0.42	0.22	225	137
A1 - 250	3.05	0.42	0.22	250	153

Dimensions for Ubag laying sideways on the seabed (i.e. not standing vertical).
Other lengths are available on request.



Ubag Type A3 - Single Cylinder Bag

Ubag A3 Types	Length (m)	Width (m)	Height (m)	Dry Wgt. (kg)	Seawater Wgt. (kg)
A3 - 75	0.35	0.6	0.4	75	46
A3 - 150	0.65	0.6	0.4	150	92
A3 - 225	0.95	0.6	0.4	225	137
A3 - 300	1.25	0.6	0.4	300	183
A3 - 375	1.55	0.6	0.4	375	229
A3 - 450	1.85	0.6	0.4	450	275
A3 - 525	2.15	0.6	0.4	525	320
A3 - 600	2.45	0.6	0.4	600	366
A3 - 675	2.75	0.6	0.4	675	412
A3 - 750	3.05	0.6	0.4	750	458

Dimensions for Ubag laying sideways on the seabed (i.e. not standing vertical).
Other lengths are available on request.

