



## Parachute Bags

A great deal of research and creative design has been applied to the evolution and production of our standard and premiere ranges of parachute type underwater lifting bags. Their simple and natural shape was developed to optimize the advantages of maximum strength, single-point attachment, ease of deployment and stable performance.

Due to the relatively small storage space required for these lifting bags compared with the upward force they are capable of exerting in use, they have become essential tools in all manner of underwater civil engineering, offshore, salvage and military operations.



Without doubt, the JW Automarine parachute type lifting bags represent the most versatile and generally useful of all underwater lifting bags. We also offer a 'tailor made' manufacturing service on all models to meet clients' special requirements.

All parachute type lifting bags have top mounted lanyard and push button operated high flow dump valves and from Model No PR3 to PR 35 3/4 B.S.P. ball valve inlets with camlock quick release hose connections are supplied as standard.

On lifting bags from 3 ton PR3 to 35 ton PR35, a load restraining harness of heavy duty polyester webbing is fabricated into the skin of the bag. Individual parts of this harness can be replaced as and when required. The harness together with the airbag skin has a safe working load ratio of 6:1. The smaller range of parachute lifting bags 50kg, M1 to 2 ton PR2, have load restraints of heavy duty polyester webbing sewn and welded to the airbag skin and again have a safe working ratio of 6:1.





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All JW Automarine bags distributed by Water Weights pass rigorous quality control and are inspected to BS EN ISO 9001 requirements and to Defense Standard 05-91 as well as complying with the A.O.D.C. -063 guidelines.

| Model | Lift Capacity (lbs) | Overall Length (ft) | Overall Diam. Filled | Folded Dimensions. | Dump Valve Type | 3/4" Large | Net Inlet | Weight (lbs) |
|-------|---------------------|---------------------|----------------------|--------------------|-----------------|------------|-----------|--------------|
| M1    | 110.2               | 2.79                | 1.64                 | .49 × 1.31         | X               |            |           | 4.41         |
| M2    | 220.5               | 3.71                | 1.97                 | .49 × 1.48         | X               |            |           | 4.41         |
| M5    | 551.6               | 6.30                | 2.62                 | .66 × 1.78         | X               |            |           | 11.02        |
| M10   | 1102.3              | 6.95                | 3.28                 | .82 × 2.16         | X               |            |           | 15.43        |
| PRI   | 2204.6              | 7.81                | 4.26                 | 1.15 × 2.62        |                 | X          |           | 36.38        |
| PRIV  | 3306.9              | 9.38                | 4.26                 | 1.25 × 2.69        |                 | X          |           | 40.79        |
| PR2   | 4409.2              | 9.91                | 4.59                 | 1.31 × 2.79        |                 | X          |           | 48.50        |
| PR3   | 6613.8              | 12.96               | 4.92                 | 1.48 × 3.77        |                 | X          | X         | 104.72       |
| PR5   | 11023               | 13.94               | 7.22                 | 1.64 × 4.26        |                 | X          | X         | 145.50       |
| PR10  | 22046               | 15.91               | 9.05                 | 1.80 × 4.26        |                 | X          | X         | 217.15       |
| PR20  | 44092               | 18.37               | 12.04                | 2.30 × 4.26        |                 | X          | X         | 330.69       |
| PR35  | 77161               | 21.19               | 13.64                | 2.95 × 4.26        |                 | X          | X         | 551.15       |