

# MAKO DEFENDER

## MILITARY INFLATABLE BOAT

MAKO Defender Military Inflatable Boat (MIB) is designed to offer a high performance product with light weight, compact design and efficient load space. The MAKO MIB is a multi-tasking, heavy duty craft. Besides military and special-forces applications the MIB is suitable for rescue, diving support and multi-purpose roles.

The MAKO Military Inflatable Boat has been developed to meet the requirements of trained personnel where maximum load capacity, minimal transportation requirements and speed of deployment are all critical. These durable craft are ready for military and commercial applications in their standard specification. The MAKO MIB can be enhanced with optional extras including stowage bags, BA bottle, rapid deployment system, sign writing, emergency deflate bladders or fitted out to bespoke requirements.

The MAKO MIB uses reinforced materials throughout its build resulting in a hard wearing stable product that delivers in any situation. The MAKO MIB is designed to offer excellent handling and performance. It can be propelled with up to 60hp outboards with transom reinforcing braces. The smallest MIB, weighing only 100kg is ultra portable when stowed in its valise bag and features carrying handles when inflated. Pressure relief valves protect it from over-inflation and reinforced design features on its running surfaces reduce wear and friction.



|                                  | DF-4.2m    | DF-4.5m    | DF-4.7m    | DF-5.0m    | DF-5.3m    | DF-5.5m    |
|----------------------------------|------------|------------|------------|------------|------------|------------|
| Max number of persons            | 6          | 8          | 9          | 11         | 13         | 15         |
| Max payload-inc Engine & Fuel    | 870kg      | 1000kg     | 1200kg     | 1600kg     | 2200kg     | 2500kg     |
| Overall length                   | 4.2m       | 4.5m       | 4.7m       | 5.0m       | 5.3m       | 5.5m       |
| Overall width                    | 1.75m      | 1.75m      | 1.75m      | 2.14m      | 2.14m      | 2.14m      |
| Weight empty                     | 100kg      | 110kg      | 120kg      | 135kg      | 150kg      | 170kg      |
| Buoyancy Tube Diameter           | 0.45m      | 0.45m      | 0.45m      | 0.55m      | 0.55m      | 0.55m      |
| Folded Dimensions-inc floorboard | 1.4mx0.65m | 1.4mx0.7m  | 1.4mx0.8m  | 1.5mx0.7m  | 1.6mx0.8m  | 1.9mx0.9m  |
| <b>Inflation Chambers/Safety</b> |            |            |            |            |            |            |
| Main Tube compartments           | 3          | 3          | 3          | 4          | 5          | 5          |
| Amount of Inflation Valves       | 3          | 3          | 3          | 4          | 5          | 5          |
| Amount of Safety Valves (3 bar)  | 3          | 3          | 3          | 4          | 5          | 5          |
| Inflatable Keel                  | 1          | 1          | 1          | 1          | 1          | 1          |
| Lower Speed Tubes (hi-jackers)   | 2          | 2          | 2          | 2          | 2          | 2          |
| Engine Capacity                  |            |            |            |            |            |            |
| Shaft length                     | Short-15"  | Short-15"  | Short-15"  | Long-20"   | Long-20"   | Long-20"   |
| Recommended Power                | 30hp/23kW  | 40hp/30kW  | 50hp/37kW  | 60hp/45kW  | 70hp/53kW  | 80hp/60kW  |
| Max power                        | 50hp/37kW  | 60hp/45kW  | 70hp/53kW  | 70hp/53kW  | 80hp/60kW  | 90hp/67kW  |
| Max engine weight                | 98kg       | 110kg      | 115kg      | 129kg      | 140kg      | 150kg      |
| <b>Options of tube fabric:</b>   |            |            |            |            |            |            |
| Tube fabric-Neoprene             | 1100 dtx   | 1100 dtx   | 1100 dtx   | 1670 dtx   | 1670 dtx   | 1670 dtx   |
| Tube fabric-Durotex-heat welded  | 1450 gm2   | 1450 gm2   | 1450 gm2   | 1450 gm2   | 1450 gm2   | 1450 gm2   |
| Inflatable Keel                  | Reinforced | Reinforced | Reinforced | Reinforced | Reinforced | Reinforced |
| Speed Tubes-Hi-jackers           | Reinforced | Reinforced | Reinforced | Reinforced | Reinforced | Reinforced |
| All wear areas below waterline   | Reinforced | Reinforced | Reinforced | Reinforced | Reinforced | Reinforced |
| Floorboards-option               |            |            |            |            |            |            |
| Rigid Anodized Aluminium         | 3 Alum/2Mp | 3 Alum/2Mp | 3 Alum/2Mp | 4Alum/2Mp  | 4Alum/2Mp  | 4Alum/2Mp  |
| Marine Ply-Covered with fabric   | 5 Mp       | 5 Mp       | 5 Mp       | 6Mp        | 6Mp        | 6Mp        |
| Longitudinal Stringers           | 2 Alum     | 2 Alum     | 2 Alum     | 2          | 2          | 2          |
| <b>Handling and Towing</b>       |            |            |            |            |            |            |
| Carrying Handles (moulded)       | 6          | 6          | 6          | 8          | 10         | 12         |
| Bow handle                       | 1          | 1          | 1          | 1          | 1          | 1          |
| Exterior Lifeline                | 2          | 2          | 2          | 2          | 2          | 2          |
| Interior Lifeline                | 2          | 2          | 2          | 2          | 2          | 2          |
| Interior Tie Down D-Rings        | 9          | 9          | 10         | 12         | 14         | 16         |
| Bow-S/S towing D-Ring            | 2          | 2          | 2          | 2          | 2          | 2          |
| Transom-S/S towing D-Ring        | 2          | 2          | 2          | 2          | 2          | 2          |
| Bow-Internal S/S lifting points  | 2          | 2          | 2          | 2          | 2          | 2          |
| Transom-S/S lifting points       | 2          | 2          | 2          | 2          | 2          | 2          |