

ERIS

EXPEDITION BOATS INTEGRAL SERVICES



HEAVY DUTY INFLATABLE BOAT PUMAR 5

Is a boat designed for the **tourism industry** and expeditions in remote and Polar Regions. It is a **safe and reliable**, capable of navigating in adverse sea conditions. It has a large load capacity, which makes it especially suitable as a support boat in maritime operations.

It consists of a buoyant tube built in **1670 dtexhypalon/- neopren fabric**, which provides additional resistance to UV rays, interior lifeline (peripheral) over pressure valves, intercom valves system, transom stainless plates, and a removable interior aluminum floor and marine plywood.

Furthermore, it is fully foldable, allowing its volume to be reduced to two transport bags. **It offers great versatility and safety in maritime operations.**

CAPACITY

- Max. number of people (ISO 6185): **15 people**
- Max. payload (ISO 6185): **2550 kg-5556 lb**
- Maintube volume: **3700 lts - 130.7 ft³**
- Floorboard usable area: **4.57 m²-49.1 ft²**

DIMENSIONS

- Inside length: **420 cm-13'9"**
- Overall width: **248 cm-8'2"**
- Inside width: **122 cm-4'0"**
- Weight empty (with floor): **250 kg-551 lb**
- Buoyancy tube diameter: **63 cm-25"**
- Folder dimension:
Boat bag: 210x90x48 cm 6'11"x2'10"x1'4"
Floor bag: 150x84x28 cm 4'11"x2'9"x0'11"

FABRIC

CSM/Neoprene Duratane™ fabric

- Main buoyancy tube: **Black, 1670 dtx, polyester**
- Lateral stabilizer/Bottom: **Black, 1880 dtx, polyamide**
- Keel buoyancy tube/Baffle: **Black, 1100 dtx, polyester**



SAFETY/INFLATION

- Airtight compartments on main tube: **5**
- Lateral stabilizer: **2**
- Inflatable keel: **1**
- Tube air pressure: **3,48 psi - 240 mbar**
- Intercommunication inflation valve on main tube: **4**
- Connecting hose from main tube to lateral stabilizer: **2**

ENGINE POWER

- Shaft length: **L-20**
- Recommended power: 90 hp
- Max. power: **115 hp**
- Max. power with 2 engines: **2 x 65 hp**
- Max. weight with 2 engines: **2 x 130 kg**

FLOOR

- Anti-skid floorboard (anodized aluminum): **4 panels**
- Bow floorboard (marine plywood) 12mm: **2 panels**
- Fixed bow thrust board (hard wood): **1 panel**
- Floorboard bag: **1**
- Aluminum stringers: **6**

VALVE

- Inflation - overpressure valve: **4**
- Keel - stabilizer valve: **1**
- Connecting hose from main tube to lateral stabilizer: **2**

HANDLING/LIFELINE

- Bow handle (chromed aluminum with black coating): **1**
- Exterior lifeline (peripheral): **1**
- Interior lifeline (peripheral): **1**
- Carry handles: **12**

REINFORCEMENT

- Peripheral rubbing strake: **1 @ 120mm**
- Rubbing strake underneath lateral stabilizer: **3 of triangular section**
- Large transom ovoid reinforcement: **1 @ 1880 dtex**
- Rubbing strake bow triangular profile: **2 @ 1670 dtex**
- Transom stainless: **2 pieces @ 3mm**

TOWING/LIFTING

- Towing D-ring AISI 316L: **2 bow + 2 Aft**
- Lateral large lifting D-ring: **12**
- Lifting point: **2 forward + 2 aft**
- Bow towing D-ring (brass): **1**

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