

# IRB 38

## Incept Inflatable Rescue Boat

### Prototype 2      11/09/2024

**Specification**

Length	3.60 m (will be 3.80 m)
Beam	1.75 m
Sponson	0.50 m
Keel	0.18 m
Weight	44 kg
Material	1200 gsm Polyurethane / Nylon
Construction	Welded air-chambers, 3 / sponson 1 / floor
Inflation Valves	Halkey Roberts USA
Air Pressure	Sponsons      25 kPa / 3.5 psi Floor            37 kPa / 5.5 psi (Relief valve blow-off)
Motor trim	1 notch from bottom

**Accessory / Fittings**

Secured paddles	Transom eye bolts
Fuel bladder D's	Duckbill drainage
Fuel line loops	Rescue float straps
Rescue knife	Sponson grips
Safety grablines	Foot straps
Carry handles	Bow rope
Flip line / pouch	



### Performance values

Clean wake, Dry boat, no draw on tiller.

Progressive predictable steering in all manoeuvres.

Some prop cavitation on hard port turn, ok on starboard.

General handling on and off water good. Ideal for women.

With Mercury 30 outboard, SS prop, prop guard, 3 crew (285 kg), speed average of up/down runs in light wind was 38.5 kph. Not sensitive to crew positioning.

Boat performs equally well with 2 crew.

Crew comfort / security impressive.

Firmly supportive unbreakable floor.



### Production version changes to include

Extend sponsons 200mm at rear.

Floor construction modified (more rigid)

Chafer strip on keel.

Floor valves positioned to starboard.

Foot straps to soften up.

Minor cosmetics.

### About Incept

New Zealand's largest inflatables manufacturer of 35 years featuring extreme duty polyurethane materials, computer cut components and machine-welded construction. Worldwide whitewater river craft, North American rescue craft, Australian dry docks, New Zealand jet boats, unbranded tenders / sportboats (OEM), fishing craft....