

## POSEIDON 12 m HDPE Sea Taxi



### Basic Characteristics:

**LOA:** 12,26 m

**Beam:** 4,56 m

**Draft:** 0,78 m

**Full Disp.:** 10,5 ton (@ 0,78 m draft)

**Lightship Weight:** 7 ton

**Engine Power:** 2 \* 200 / 450 HP OPTIONAL (inboard diesel engines)

**Max. Speed:** 25-45 knots (according to engine and propulsion system configuration)

**D/O Tank Capacity:** 0,6 ton

**Seating Capacity:** 12 pas. + 1 captain

**Accommodation:** 1 WC

**Building Material:** HDPE

**Designed by:** POSEIDON Co.

**Functional Purpose:** sea taxi, crew transportation, pilotage, marina & harbour services

### Why HDPE Material?

#### **Advantages of the HDPE (High Density Polyethelene) Workboat**

The HDPE Work Boats are designed and manufactured to provide a solution for a durable offshore workboat for commercial & military use. Traditionally rigid hull inflatables and aluminium boats have been used as workboats, but this HDPE boat has advantages over both in many situations.

Application	Fibreglass	Aluminium	HDPE
Impact Resistance	Poor	Good	Excellent
Repair ability	Good	Good	Excellent
Mass	Good	Excellent	Poor
General Abuse Resistance	Poor	Poor	Excellent
UV Resistance	Poor	Excellent	Excellent
Operator Skill Level	Skilled	OK	Unskilled
Maintenance Requirements	High	High	Low
Sandy Beach Landings	Good	Good	Good
Rocky Beach Landings	Poor	Poor	Excellent
Puncture Resistance	Poor	Good	Excellent

