

22' UTILITY(PRAWN) BOAT

Aluminum-Design no. 01-229

Designed for coastwise pot/trap fishing, it can also be used as a supply or general service vessel. Boat in photo was built in Los Angeles for coastal pot fishing.

The hull form is a 20-degree dead-rise "V" which gives good performance and sea-keeping properties at all speeds and sea states and is based on our proven hull form developed for commercial vessels over the past 20 years. In addition to good sea keeping, the hull form is relatively easy to build thereby keeping construction (and repair) costs within acceptable limits.

The arrangement features a trunk cabin and a steering shelter to give the skipper good visibility at all times and in all weather conditions. The cargo deck is 9' long (aft end deck shelter to engine box) .

For those who prefer cruising or water taxi service*, it is possible to obtain more interior room by lengthening or re-positioning the cabin with the aft bulkhead located approximately 5' forward of the transom.

To improve safety, three watertight bulkheads are fitted to improve survivability in the event of a grounding or collision.

Power is by single diesel or gasoline stern-drive to give a cruising speed of 25 knots and a top speed of 30+ knots. Alternative propulsion systems could be twin outboards, or water jet. The fuel capacity permits a cruising range in excess of 100 miles with 10% reserve and there is provision for additional fuel to increase the range if required.

PARTICULARS

Length – hull -	22'-0"	Beam – molded -	9'-0"
Depth -molded	4'-6"	Power –diesel or gas -	350 hp
Fuel (US gal)	100	Payload capacity -	3000 lbs.
Water -	optional	Displacement (Dep.Port)	6720 lbs.

Estimated aluminum on ship = 3075 lb - (exclusive of crops)

1. Vessels used for *commercial or passenger service may have to comply with regulatory safety standards. Consult your nearest government marine safety office.
2. A similar but narrower (8'-2" beam) is available – design # 87-222 (file C6)
3. Basic Plans Set: Lines, Offsets, Lofting Plan*, Scantling List, scantling details guide (from another 22' design). (*computer lofted with corrected offsets and some expanded plate drawings for the hull plate)

J. Simpson Ltd.

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