

PS 80-1780/1960 Advanced



DEEPFREEZER TUNA PURSE SEINER - 80 m - 1780 m³ to 1960 m³



With over twenty five years experience of building oceanic and mediterranean tuna fishing vessels, PIRIOU has designed the PS 80 -1780/1960 Advanced, a performing, robust and versatile tuna seiner.

Evolution of the 90 m tuna seiners former generation, the PS 80-1780/1960 Advanced is especially developped to maximise fish storage while keeping a size fitted to all oceans.

She is 80 metres long and features a 1780 m³ standard storage capacity split into 19 refrigerated holds and a brand new freezing system from - 17°C in brine to - 40°C dry freezing. Up to 400 tons of fish per 24 hours can be processed.

Equipped with a classic Diesel or Diesel-electric propulsion, she provides a maximal speed of 17 knots.

The PIRIOU range tuna seiners are fitted with a full equipment, complying with the highest quality standards and can be customized according to the specifications required by fisheries.

- Sea proven
- Slightly inverted bow
- High sea-keeping behaviour, performances and crew comfort
- Several unloading possibilities by handling either through deck panels or side shell door
- Helicopter or UAV landing platform
- Versatile and customizable according to fisheries specifications

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MAIN CHARACTERISTICS

Length overall	79.5 m
Breadth	14.2 m
Depth at main deck	6.7 m
Depth at upper deck	9.2 m
Hull / superstructure	steel
Crew	31
Fish wells	19 - 1780 m ³
Fuel oil	500 m ³
Fresh water	75 m ³
Rigging	californian type
Seine winch	triple drum, waterfall type: 40 t @ 35 m/min
Freezing system	brine chillers NH ₃ / NaCl + coils
Bow thruster	350 kW
Helicopter deck	

OPTIONS

Fish holds	180 m ³
Propeller	CPP - 5 blades
Skiff	11 m - 745 kW
Speed boat	5 m - 115 HP overboard
Net boats	2 x 6 m - 200 HP overboard
Fishing electronic equipment	
Specific hydraulic equipment	
Freezing temperature @ - 40°C	
Freezing capacity @ - 40°C	up to 400 t / 24 h
Diesel-electric propulsion	

CLASSIFICATION

No classification / Construction according to BV rules
 Optional : Bureau Veritas I ✕ HULL • MACH
 Fishing vessel, Unrestricted navigation

ACCOMMODATION

Officer single cabins	3
2 men cabins	4
4 men cabins	5

PERFORMANCES

Maximal speed (half dwt - calm water)	17 kn
Cruising speed (half dwt - calm water)	12 kn
Freezing capacity @ -17°C	200 t / 24 h

PROPULSION / MACHINERY

Main engine	4000 kW @ 1000 rpm
Propeller	FPP - 4 blades
Main gensets	2 x 1360 kW @ 1800 rpm
Auxiliary genset	upon request