

# PS 80-1620/1800



TUNA PURSE SEINER - 80 m - 1620 m<sup>3</sup> to 1800 m<sup>3</sup>



With over twenty five years experience of building oceanic and mediterranean tuna fishing vessels, PIRIOU has designed the PS 80-1620/1800, a performing and robust tuna seiner especially developed with versatile and modular equipment in order to adapt to all sorts of operation methods. She is 80 metres long and is especially fitted to West Pacific fishing.

Featuring a 1600 m<sup>3</sup> standard storage capacity split into 17 refrigerated wells and /or holds for - 17°C brine freezing (optional - 40°C dry freezing), the PS 80-1620/1800 can process up to 400 tons of fish per 24 hours.

Equipped with a classic Diesel or Diesel-electric propulsion, she provides a maximal speed of 16.5 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.

- All oceans
- Cost effective, robust, easy to operate and maintain
- Optional Diesel-electric propulsion offering economical energetic performances
- 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 - 1620 m <sup>3</sup>
Fuel oil	500 m <sup>3</sup>
Fresh water	75 m <sup>3</sup>
Rigging	californian type
Seine winch	triple drum waterfall type - 40 t @ 35 m / min
Freezing system	brine chillers NH <sub>3</sub> / NaCl + coils
Bow thruster	350 kW
Helicopter deck	

## OPTIONS

Fish holds	180 m <sup>3</sup>
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)	16.5 kn
Working speed (half dwt - calm water)	12 kn
Freezing capacity @ -17°C	200 t / 24 h

## PROPULSION / MACHINERY

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