

Comparative study of engine horse power of wooden purse seiners of Ratnagiri, Maharashtra

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■ **ABSTRACT** : For the wooden purse seiners fitted with below 100 hp engine in operation from Mirkarwada Fishing Harbour, Ratnagiri, Maharashtra, overall length ranged from 11.88 to 16.02 m, breadth at midship 3.63 to 7.2 m, depth of vessel was between 1.77 to 2.09 m, length of freeboard 1.0376 to 1.1941 m, draught 1.0411 to 1.7058 m, length of keel 10.64 to 14.28 m and gross tonnage 30.15 to 8.44 tons. Whereas, for wooden purse seiners fitted with 100 to 200 hp engine, overall ranged from 11.39 to 19.1 m, breadth at midship 2.28 to 7.7 m, depth of vessel 1.96 to 3.4 m, length of freeboard 0.8070 to 1.2147 m, draught 0.8941 to 2 m, length of keel 8.81 to 14.28 m. and gross tonnage 32.11 to 78.44 tons. All wooden purse seiners were fitted with Ashok Leyland make six cylinder inboard diesel engines with their fuel consumption ranging from 15 to 17 lit/hr.

■ **KEY WORDS** : Purse-seining, Wooden purse seiners, Horse power, Technical specifications, Engines

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