

# SMC Scholz Marine Consulting

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Test of Surface Propulsion unit Levi Drive 170-150 "Fisherman"  
with marinised Isuzu Truck Engine 4JB1  
coupled to  
a Koysan Hydraulic Gearbox H4

***Speed achieved 27.7 knots***

*Base is a Isuzu 4JB1 second hand truck diesel engine. This engine was converted with our marinisation kit "Nicki" into a marine engine. This engine develops at 2300 rpm about 55 hp. The engine is coupled to a Koysan Hydraulic Marine Gearbox H4.*



*This propulsion unit was installed in a 25 foot inshore fishing boat in Malaysia and drives a hand steered Levi Drive LD 170-150 .*



Levi Drive at Rest





Surface Propulsion Unit Levi Drive 170-150 in Action. Only 50% of the propeller is immersed.

“Levi Drives” produces 8 models covering the horse power range from 20 – 4000 hp.

The LD 170-150 “Fisherman” is special low cost unit produced in galvanized steel for local fisherman. All other units are made from stainless steel 316L and have hydraulic steering.



A maximum test speed of 27.7 knots was obtained.

The fuel savings with surface propulsion and diesel engines compared with an outboard engine make every boat owner glad..

“Capt. Choog” an other Happy “Levi Drive 170-150” owner.

Tests were done on 10.Dec. 2006 in Penang, Malaysia.

