

# TRINGA : Detailed specifications T650

Naval architect : Pierre Delion [www.archi-delion.com](http://www.archi-delion.com)

Specifications	Sailing	On-road and Off-road
Construction	Hull & internal structure : Marine grade aluminum Deck : Infused sandwich polyester	
License	Saling license *	Car driving license *
Category	C ( winds not over 27knots, mean wave height not over 2,0m)	Leisure amphibious roadable boat *
Passenger capacity	(6 adults) or (4 adults + 4 children < 37,5 Kg) - ISO 12217	4 persons
Length	Hull overall : 6,36 m (with anchor roller and stern ladder) Hull alone : 6,25 m At waterline : 5.52 m (without stern ladder)	With out-board engine : 7,23 m
Width	Overall: 2,48 m	Inside deck : 2,07 m
Height	Deck to covering board : between 0,65 m and 0,69 m Deck to guardrail : 0,84 m Air draft : 2,48 m	Wheels out, windshield up : 3,0 m low 2,67m Wheels out, with T-top : 3,46 m Wheels in, windshield up : 2,52 m, low 2,2 m Wheels in, with T-top : 3,00 m
Water draft	Hull alone : 0,43 m	Out-board engine : 0,69 m
Weight	Hull without fuel/outboard engine/anchor: 1232 Kg Ready at sea : 1526 Kg (with 150HP OB engine, fuel, anchor, electronics) Max : 2361 Kg (ISO 12217)	Weight empty : 1463 Kg without gazoline / anchor At max load : 2060 Kg
Dead rise	12° at stern	
Outboard engine power	Outboard engine : gazoline 4 strokes injection Minimum : 115 HP Recommended : 150 HP Maximum : 175 HP	In-board engine : twin-cylinders injection 25 HP 3 wheels drive
Fuel tank (Gazoline)	Shared for sailing and driving : 100 ltr + extra storing capacity for 2 containers of 30 ltr	
Maximum speed	Outboard engine 115 HP : max 27 Knots, cruise 20 knots Outboard engine 150 HP : max 31 Knots, cruise 22 knots Outboard engine 175 HP : 34 Knots, cruise 23 knots	Max 16 Km/h (1 km = 4 minutes) Slope till 31% In slope start till 22%
Fuel consumption essence projetée	At cruising speed : 1,0 liter/ nm with 2 persons onboard, full tank and little extra load	16 liter / 100 km
Propulsion	Hydraulic steering Power steering	Power steering / Adjustable suspensions Short turning radius = 7,5 m Off-road tyres Anti-slip function, all independent wheels for slippery grounds Bow video camera shows off at GPS screen Front wheel video camera Drive capability in Crawl position
Monitoring	Digital screen "Real Time Dashboard" with real time 3D animation, dubbed by push-buttons for manual back-up operation, and numerous driving aids.	Ditto for Sailing
Safety	Removable white 360° sailing light Ground engine compartment extinguisher Deck extinguisher storing facility Two life raft storing locations Suspension on pilot and co-pilot seats Fuel tank natural ventilation Electric fan for ground engine compartment ventilation	LED Homologated traffic light (front low beam, front and rear position and direction lights, stop lights, slow vehicles...) 4 safety belts removable at sea, mirrors, Automatic parking brake Windshield whippers and spray

\* Country regulation dependant