## KayaKart, Canoe/Kayak Carrier

Designed by Nick Petrescu and James Raine, December 2006

If you own a canoe or a kayak then you certainly know the pain of launching it alone if you decide to go for an afternoon solo paddling. In addition, most of these products require that the wheels or the wheel mounting guides are left on.



Our solution is based on a few principles:

- simple, easy to install and store in the boat or in the car
- less expensive than currently offered solutions
- reliable and effective.

With these in mind, we came up with the Canoe/Kayak Quick Launcher. The maximum load is 150kg.



## **Technical Details**

The Quick Launcher axle assembly is comprised of a combination of two different aluminum alloys 6063 for the main axle and respectively 6061 for the machined wheel hub that are press fitted into an amazingly light, yet strong unit.



The axle by itself weighs les than 1Kg but will support a kayak or a Canoe loaded with full camping gear weighing up to 150Kg. Once the pneumatic, corrosion free wheels are attached, the whole assembly can actually float eliminating costly mistakes during inwater attaching. One strap firmly secures the axle to the boat in matter of moments. When not in use, the axle can be decoupled at its center and the two wheels can be removed by simply detaching the pins.