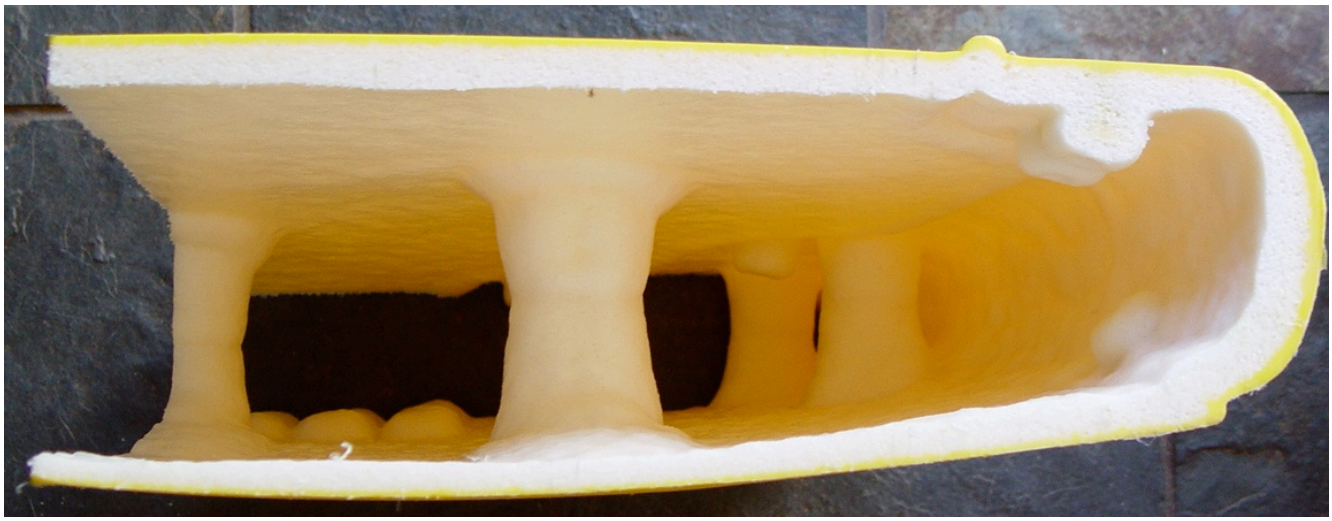
EXTRACTOR PRO MODEL
PWC RESCUE SLED



PRO MODEL
SPECIFICATIONS

• recommended for three-seat pwcs for all types of waterborne rescue operations or recreational activities, including tow-in surfing, spear fishing. This model has been the standard for rescue operations around the world for over 19 years!

• molded High Density Polyethylene shell (Highly U.V. Resistant from degradation or color fade, will not become brittle or fade from sun exposure like ABS plastic skins and polyethylene foam skins, exceptional rebound and tensile strength- will not crack, high flexural modulus, maintains overall shape even after impact, maintains physical properties and will not warp under normal operating climate conditions, resistant to all chemicals. Monolithic molded part without laminated skins. Will not delaminate from water invasion at the seams like bodyboard style sleds where layers of plastics have been heat welded or glued (see Lifesled, HSA, Turbo,GBoards, MJ Sleds etc.). Easy to mend with plastic welder, resistant to folding or creasing under manufacturer recommended use guidelines.

• Hulls have a HDPE outer shell with a 10-13 mm thick Low Density rigid polyethylene foam inner layer for added impact strength and durability, preventing hull cracks. Inner core is hollow- air filled core. The hull is sealed with a vent/drain plug (98% waterproof- better than the average 5% water absorption rate in sleds with a closed-cell expanded bead or extruded polypropylene or polyethylene foam core- nothing is 100% waterproof)

• Length: 63 in. (160 cm) and 67 inches (170cm) with optional bumper.
• Width: 37.50 in. +/- 0.50 inches (95.25cm +/- 1.27cm)
• Thickness: 3.85 in at thickest point (10cm),

Tail is tapered at 2.5 inches thick (6.75 cm) so that the sled will not have too much flotation, and will sink a few inches under water while the pwc is at idle. (Stretcher or Litter baskets had been in widespread use for many years, especially in swift water or river conditions because the basket would sink under the water several inches and allow the rescue swimmer to place the victim in the basket at the water level.) Likewise, this feature in the PRO model sled allows rescue swimmers to easily place
hypothermic or unconscious victims upon sled deck from the water level without having to "lift" the victim up onto a sled as one would have to do with a sled that has too much buoyancy. The PRO Sled tail lifts back up on top of water surface and planes efficiently while pwc is moving forward. A much better improvement and application over the litter basket, the PRO sled offers a more comfortable, stable, and secure ride.
• Some of our competitors claim that their product is better because their sleds have more flotation in the tail area. A four inch thick tail, with the additional flotation is great if you are sitting or laying on the sled in the open ocean or surf zone for several hours and need to stay out of the water, but for the most part, rescues or tow surfing pickups take place within a matter of minutes or seconds and prolonged riding on the sled is seldom used. People typically sit on the pwc seat if traveling long distances or if they are going to be on the water for more than a few minutes.

THE MAIN IDEA BEHIND THE USE OF THE PWC AND SLED HAS ALWAYS BEEN TO GET THE VICTIM OUT OF DANGER AND BACK TO SHORE IN THE SHORTEST TIME POSSIBLE! TREAT THE VICTIM AFTER THEY ARE OUT OF DANGER. CPR CAN STILL BE PERFORMED ON THE PRO SLED EFFICIENTLY BY STRADDLING THE VICTIM WHILE THE PWC IS MOVING FORWARD AND MAKING PROGRESS BACK TO SHORE.

• Capacity: 397lbs.(180 kg)or two adults.
Total attached weight to pwc = approximately 55 lbs (27kg)-including all attachment hardware, optional bumper, and removable/replaceable handles.
• Available in 3/point connection Tie Down Version
• • 3/8" thick PVC Foam Deck Pad- Very Comfortable
(Durable and provides the right amount of traction. Non-slippery like the polyethylene bodyboard foams or non-textured PVC foams. Non-Abrasive and will not create skin rashes like textured medium density EVA “Hydroturf” type foams)

• 8 Handgrips or 10 Handgrips (Last Chance Handgrips as an option) made from 5000lb test nylon webbing, over-molded with proprietary, flexible elastomers, very durable and resistant to the elements. Handgrips are anchored to the sled hull using 7000lb test brass mold-in inserts and stainless fasteners that will not rust. Fasteners are secured from backing out using Loktite.

You will not find a more comfortable secure-feeling handgrip on any other sled! This is one of the best features our customers comment on after tying their sled out for the first time.
• Vibration Issues- The PRO Sled utilizes flexible linear low-density polyethylene, flexible urethanes or EVA copolymers as bumpers at the connecting points, and a cushioning deck pad. All of these items have been used to reduce vibration caused from pwc motors. The PRO sled, being a molded sled, transfers no more insignificant vibration than any other sled on the market, contrary to what competitors may like you to believe.
• Vent Drain Plug on hollow, molded PRO model
• Guaranteed to outlast any other pwc sled available in the world, provided use and maintenance guidelines adhered to.
Hull Colors: red, orange, yellow, military green, battleship grey, or black
Hand grip/bumper Colors: Red or Black

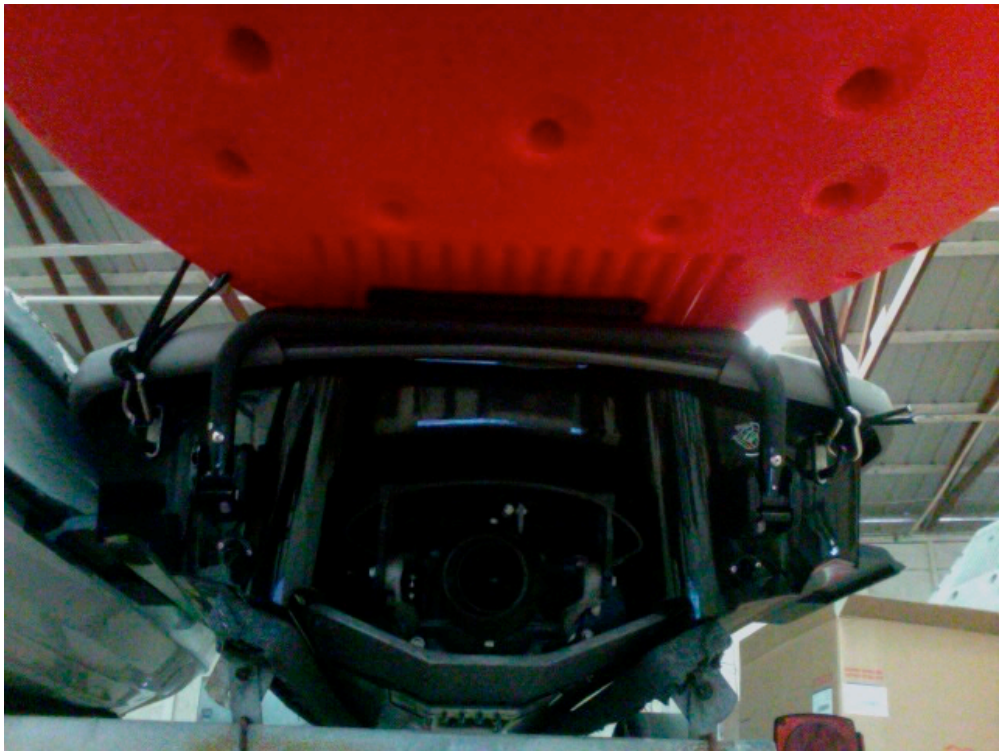
ATTACHMENT CONFIGURATION:

Basic Tie Down Version with nylon webbing/bungee cords/bumper (Similar to Standard Connection offered by all sled manufacturers) , Utilizes universal, convenient 3-point hookup to all makes and models of pwcs. The attachments are non-invasive as they are already molded into the sled as holes for rigging. These attachment points will not fail as they go through the entire hull and spread the load evenly across the surface. The main center tow point can be rigged to connect from the top/front nose of the sled, or from underneath.

Body board style sleds have proven to fail at the attachment points due to types of materials and engineering configurations used to create the anchor points located within the cores, or mount externally on their sleds. The core materials are relatively weak and can easily be taken beyond their breaking points, so the anchor hardware/fiberglass stringers and Delrin or metal rods, holding the fastening points to the sled, tear out, leaving the sled, many times, beyond repair. Sleds with internal metal frames provide a stronger tow point than other foam core sleds, but their weakness is the foam core. These molded polyethylene sled hulls are more durable and stronger than any other option.

Nylon webbing and stainless spring clips are used and attached to the center main holes in the sled for the center attachment point to the pwc; bungee cords and stainless spring clips are attached to the outboard holes in the sled hull for the other 2 attachment points. Bungees are protected from fraying easily on the sled rails by sleeving the rigging through clear pvc

hose.
U-bolts to be installed on pwc hull for mounting sled to the pwc are included (all pwcs require at least one, and up to three of the U-bolts installed on all tie down sleds for a proper 3-point hookup (depending on pwc model), as pwc manufacturers will not provide these proper attachment points on their craft from the factory for liability reasons). Nose of sled is protected through use of a replaceable bumper.



The Basic Connection is the most widely used and most affordable option.