

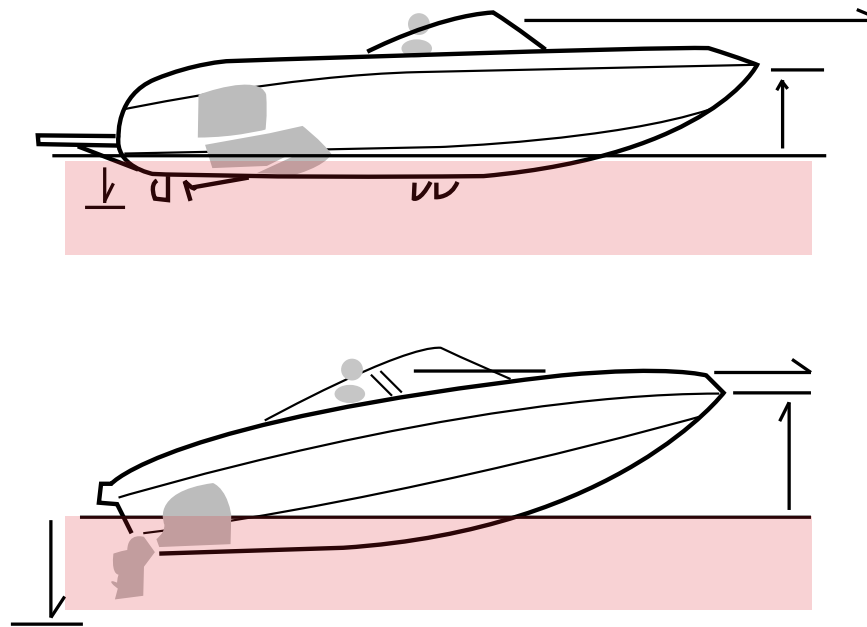
Define.wakeboat

Although it is possible to wakeboard behind any type of vessel, even behind cable and wench systems, there are specialized boats that are customized specifically for the sport. These boats offer an inboard motor which is set up in a "v-drive" propulsion configuration. This is where the engine is rotated 180 degrees and the transmission is in front of the engine. In this setup, the propeller finds itself directly under the engine which offers a better overall weight balance. Also, ballast systems are added to "sink" the boat in order to create a bigger wake. A tower is attached to raise the ski rope about 7 feet above the water's surface for better control and ease of gaining air when performing tricks.



Why.v-drive?

V-drive vs. Inboard/outboard



With a v-drive system, bow rise is minimum. This allows the driver to have better lines of sight, keeping the horizon and fallen skiers in sight and out of danger. Swimmers are also less likely to kick the propeller or get injured around the propulsion system because it is tucked further under the hull. V-drive, additionally, provides better handling because of the tighter turn radius which results in better safety.

Wakeboat vs. standard boat wake comparison



Wakeboat



Standard outboard motor