

# 701 Gear Box



Bevel Box

Gear boxes should be installed by a professional.

## AMERICA'S CUP TECHNOLOGY

The 701 gear box is an instant trickle-down from 2007 America's Cup technology. This powerful gear box is designed for up to an eight-man, three-plus pedestal input. It features larger bevel gears than the 601C used on 2003 AC boats, with no weight added. With a 98% efficiency rating and oil-bath lubrication, the 701 gear box is virtually maintenance-free.



## USES

The 701 gear box works with pedestal grinder systems on grand prix racers like the GP42, TP52, IRC69, and VOR70.

## FEATURES

A sealed oil bath lubricates the gears, greatly reducing maintenance requirements by eliminating the need to grease gear teeth.

A magnet near the level gauge collects any small particles.

A clear inspection window on the bottom of the box shows oil levels.

## OPTIONS

The modular gear box features a female input shaft and adapts to left hand, right hand, T-box, X-box, XX-box and other configurations. Contact Harken for options.

## MATERIALS

Housing is CNC-machined from a solid piece of high-strength 6061 T-6 aluminum alloy and is Hardkote-anodized for maximum durability.

Gears and shafts are 17-4 PH stainless steel.

## MAINTENANCE

The oil bath ensures minimal maintenance. Oil levels are visible through the window.



The new disconnect system developed for the 2007 America's Cup features carbon brackets and lever to save weight, and to provide a very precise and smooth connection.