HARKEN®
INNOVATIVE SAILING SOLUTIONS

WINCH & PEDESTAL SYSTEMS

Racing Pedestals

AMERICA'S CUP TECHNOLOGY

Racing pedestals power winch systems that require speed and strength but need to be lightweight. Developed for and tested by America's Cup teams, pedestal-driven winch systems are customized to the specifications of each yacht and allow one or two crew members to grind from a powerful standing position.

Carbon handles can be substituted for aluminum handles to save 1 kg (2.2 lb) per handle

USES

Winch pedestals allow grinders on racing boats to quickly hoist and trim sails.

BELT-DRIVEN

Kevlar® belt-driven pedestals smoothly transmit the grinder's input to the winch system.

For better gear shifting, lighter, more reliable, and more precise foot buttons control the Precision Spline connection and overdrive functions.

MX PEDESTALS

The overdrive mechanism is built inside the MX Pedestal, eliminating the need for an overdrive box and foot button.

Controlled by two push knobs at the base of either handle, the MX system allows grinders to switch between the 1:1 direct-drive and the fast overdrive gear without reversing grinding directions.

The standard and MX Pedestals can be set to 0°,13°, and 26°—custom angles are available upon request.

CARBON FIBER HANDLES

Handles can be removed with a single fastener to open the cockpit for easy maneuvering.

MATERIALS

All pedestals are molded from carbon fiber and epoxy. Aerospace prepreg lamination and autoclave curing maximize stiffness and strength.

Belt-driven drive components are made with Hardkote-anodized aluminum and either 17-4PH stainless steel or titanium.

OPTIONS

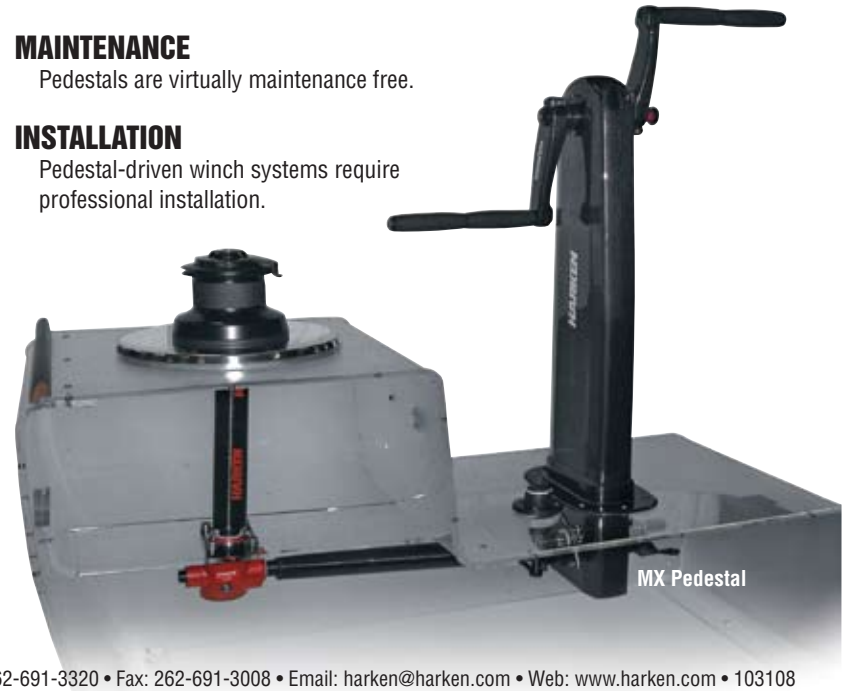
A more powerful 1:2.0 gear ratio can be substituted for the 1:3.0 ratio.

MAINTENANCE

Pedestals are virtually maintenance free.

INSTALLATION

Pedestal-driven winch systems require professional installation.



MX Pedestal

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