

May 23, 2019

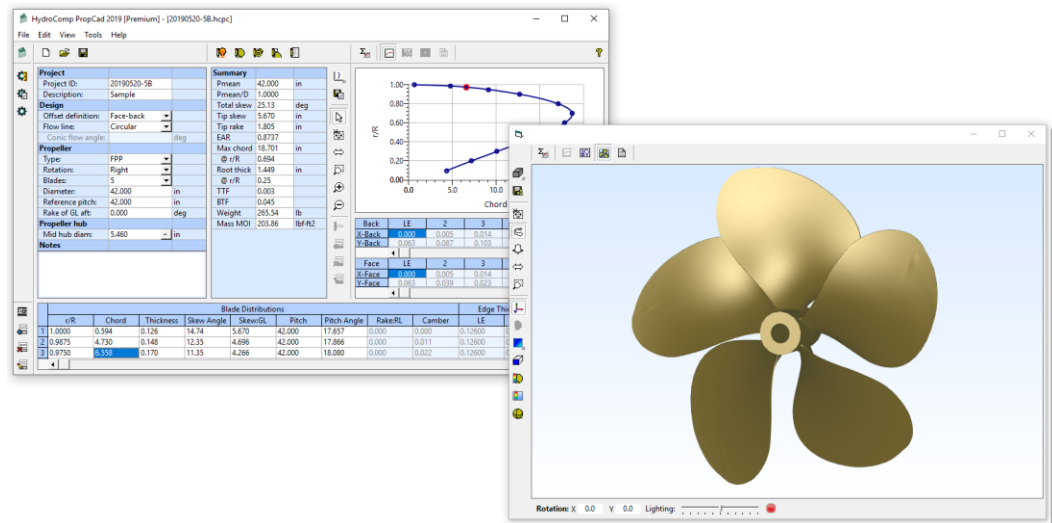
HydroComp PropCad® 2019 Released

New features greatly improve process workflow for propeller designers...

HydroComp PropCad 2019 includes several new exciting additions to make PropCad more effective and easier to use – whether you're extracting design data from full 3D CAD files or you're inputting your own custom distribution data, these new features greatly improve the workflow process for propeller designers, manufacturing engineers, and marine researchers.

Full-Screen Mode for 2D Drawings, 3D Models, and Reports

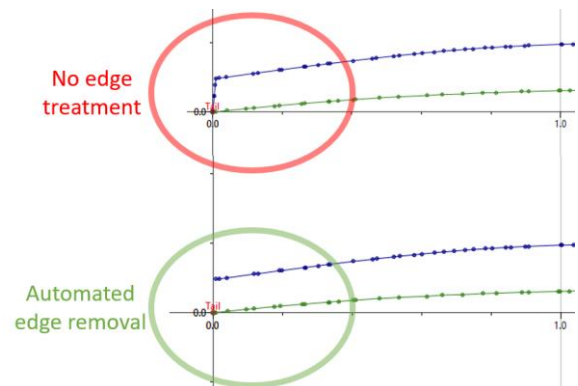
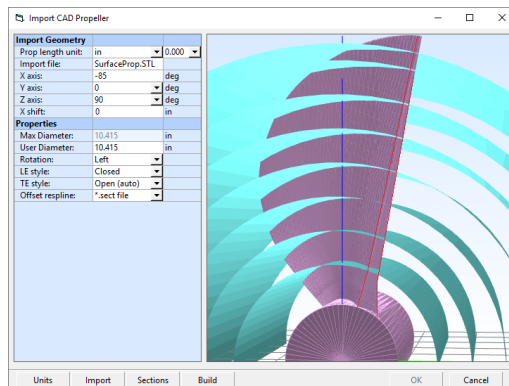
To support the continuing trend of larger screens and multiple monitors, PropCad has been extended to support a dockable and fully sizable display window. To access this feature, use the View menu (**View | Display | Undock display...**).



Automated Feature Extraction from STL Files

PropCad 2019 includes several new features that automate this process even further:

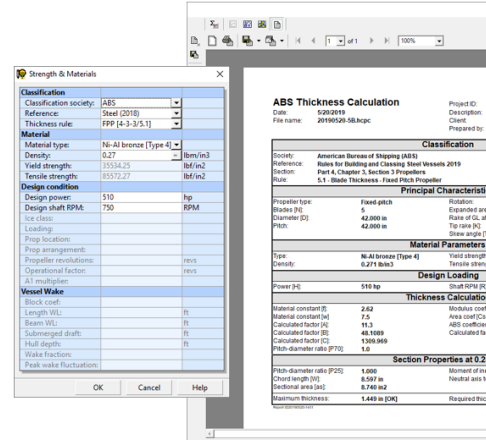
- Automatic removal of edge surfaces
- Optional smoothing of offsets
- Direct creation of distribution files (*.sect)
- Support for manual removal of offsets
- Support for multiple STL surface patches



These new options are included in the settings table of the utility. They greatly improve the speed and usability of the Propeller CAD Import utility, allowing users to painlessly create parametric design files from full 3D data in minutes.

Updated 2019 Classification Society Rules

Propeller designs and manufacturers have come to rely on PropCad's integrated Classification Society Rules to automatically calculate required blade thickness for fixed pitch, controllable pitch, and ducted propellers. HydroComp PropCad includes updates for the 2019 rules for American Bureau of Shipping, Bureau Veritas/RINA, Nippon Japan, Korean Registry, Lloyd's Registry, Chinese Classification Society, the Indian Registry of Shipping, and Swedish-Finnish Baltic Ice rules.



About HydroComp

Since 1984, HydroComp has been a leader in providing hydrodynamic analysis software and services for resistance and propulsion prediction, propeller sizing and design, and forensic performance analysis. Through its unique array of software packages and services, HydroComp services over 1200 naval architectural design firms, shipyards, yacht owners, ship operators, propeller designers, universities and militaries around the globe.

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