

New Version of Industry Leading Swept-path Software, AutoTURN, Launched

Support for Specialized Transport Systems leads the List on New and Updated Features in AutoTURN 7

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Transoft Solutions, developers of the industry leading software for the engineering and architectural communities worldwide, announces the launch of AutoTURN 7.0. The newest version of Transoft Solutions' CAD based swept-path software has added features and enhanced functionality that will be demonstrated at Transoft Solutions' stand 01-121 at Intertraffic exhibition, taking place 23-26 March in the Amsterdam RAI exhibition centre.

"We're excited to be releasing this version of AutoTURN. This is a swept-path software that has traditionally had more transportation engineering know-how and research behind it than others within the industry and we've worked hard to put more into this version," said Product Manager Mike Frost. "Designers will benefit from the product of that research in a more capable software that now includes support for specialty transport vehicles."

Building on its legacy as the industry leading swept-path analysis software, AutoTURN 7.0 supports specialized transport systems in its SmartPath tools. This includes a library of specialized vehicles that includes: Wind Tower Trailer, Wind Blade Trailer, 19-axle Heavy Haul, Beam Transporter I, Beam Transporter II, and a Booster Trailer. These specialized vehicle configurations allow Independent Rear Steering (IRS).

Complementing the addition of the specialized transport systems support are three new functions. The Override Angle/Path Angle function allows designers to use a fixed or dynamic angle during forward simulations with IRS vehicles; to control rear bogie steering independently of the tractor to assess the potential drive path. Billy Chan, EIT, conducted extensive testing to ensure the accuracy of the movement characteristics algorithm. Three Part Reverse simulations for three part vehicles have been included in AutoTURN 7.0. Additionally, with the introduction of Telescoping Joint trailer support gives AutoTURN users the ability to design using logging trucks or create new types of vehicles with similar characteristics.

AutoTURN 7.0 allows designers to take their specialty transport system vehicles one step further to include cargo parameters. Cargo details, within the View/Edit Vehicle function, is a new ability to define the cargo size or set limiting factors to vehicles to operate within industry standards to prevent damage to the payload or surrounding infrastructure. Designers can also include cargo when working with specialized transport systems in the Simulations Properties. The Vehicle Cargo function draws the combined swept-path envelope of the vehicle body and the cargo to give designers a better visual representation of the clearance and tolerances.

"This version of AutoTURN is more robust than it has ever been," said Frost. "Designers will get more productivity out of this software, than any that have come before it."

Further information about AutoTURN 7.0, including a full list of new features and functions, a downloadable brochure, signup for an evaluation copy, product videos, and AutoTURN training solutions can be found at www.transoftsolutions.com/AutoTURN. To sign up for the launch demonstration webinars, please visit <https://transoftsolutionsevents.webex.com>.

About Transoft Solutions

Established in 1991, Transoft Solutions Inc. develops and supports CAD-based software for engineers and architects for their civil and infrastructural design and planning needs. Transoft Solutions is part of the Autodesk and Bentley's developer's network and our products function within these major CAD platforms. Transoft's products have become the "de facto" standard of many National Road Administration and Top Design firms in over 120 countries.

Transoft Solutions is headquartered in Vancouver, Canada. To better service its global clients Transoft has established subsidiaries in Rotterdam, The Netherlands, which services EMEA region (Europe, the Middle East and Africa) and in Sydney, Australia, which services APAC region (Asia Pacific China).

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