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AutoTURN Pro 3D



Driving productivity through innovation

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April 2011

Celebrating 20 Years of Excellence

AUTOTURN

AUTOTURN
InSite™

PARKCAD

InVision

AEROTURN



AEROTURN PRO
Version 2.0

GUIDSIGN

SIGMA

TORUS
ROUNDBOUTS

NEXUS
INTERSECTIONS

For the last 20 years,
we have advanced **AUTOTURN:**



Through Research



For the last 20 years,
we have advanced **AUTOTURN**:

Click the vehicle name to see sample profile



Small Aerial RM 1338 FIRE AERIAL

Emergency B ▶ ▶

Model: AD-173	Model: FD-133
Small Aerial RM 55H	Small Aerial RM 100H
Small Platform RM 87H	Small Pumper 01000 mount
Wayne Pumper	Small Pumper Midship 2
Small Pumper #1800000	Zakrec Rescue Unit
Interface	

Click the vehicle name to see sample profile



Mini TruckPack 5000 (PFFHSF TRUCK)

Refuse Collector A ▶ ▶

Wayne Kurtz C17	Mini TruckPack 7888
Wayne Tractor	Wayne Pops 0716
Mini TruckPack 5800	Accurato ECK Rail Off
Mini Rapid Rail Co-Collector	

Recreationall

By Listening to our Users



Today,

we are INTRODUCING:



“The world’s most advanced 3D swept path solution for modeling, analyzing and visualizing vehicle movements!”



BENEFITS

1. **3D Swept Path of Vehicle Body or Body Clearance.**
2. **Dynamic 3D simulation.**
3. **Cross-Section Display and Analysis of 3D Simulation.**
4. **Analysis of Overhead & Ground Clearance.**
5. **Dynamic Conflict Analysis of Obstacles.**
6. **Realistic 3D Vehicles.**

Differences between AutoTURN Basic (2D) and AutoTURN Pro 3D?

AutoTURN Basic (2D)

- Design in plan view
- Display different 2D envelopes (body, tires etc.)
- Display articulating limits on one plane

AutoTURN Pro 3D

- Interaction with surface
- Create 3D Swept Path (3D envelope)
- Display articulating limits on all three planes
 - Yaw, Pitch, and Roll
- Work with other 3D models (Structural, Civil etc.)
- Design and Analysis in 3D
- Visualization in 3D



Technical Demonstration



Review of Main Features

1. 3D Swept Path (3D Envelope)
2. Generate 3D Arc Path
3. Analyze Vertical Clearance
4. Analyze Punch Through
5. Dynamic Conflict Analysis
6. Convert 2D to 3D
7. Ground Clearance
8. Realistic 3D Vehicles

Compatibility and Supported Platform

- **AutoCAD 2007 to 2011**
- **Civil 3D 2010 and 2011 - Alignments and Surfaces**
- **MicroStation XM, V8i**
- **Base geometry from GeoPak and InRoads for XM and V8i**

- **Ability to use Grading Data as a terrain from:**
 - **Nexus 1.0**
 - **Torus 2.0**

- **Full support for 64-Bit operating systems**
- **Workstation: XP (XP (32-Bit or 64-Bit), Vista (32-Bit or 64-Bit), Windows 7 (32-Bit or 64-Bit)**
- **Server: Windows Server 2000, 2003, 2008**



**We truly believe that this is
the most advanced
3D Swept Path Analysis and Design software
on the market.**



*Thank you for attending
today's presentation*



**If you have technical related questions,
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