

PTC® Live Global

CUST 203 - How To Get A Move On With Your Assemblies

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Agenda

PTC® Live
Global

- Overview Of Motion Options
- PTC Creo View Animation @ Peterbilt
- Mechanism Design eXtension @ Peterbilt
- Design Animation Option @ Peterbilt
- PTC Creo Illustrate @ Peterbilt



- PTC Creo View Animation
- Design Animation Option
- Mechanism Design eXtension
- Mechanism Design Option
- PTC Creo Illustrate
- PTC Creo Simulate, Etc.



- Specifically For Assembly-Style Instructions
- Pros
 - Fairly Simple Interface
 - Easily Accessed From PTC Windchill
 - Exportable To Video
 - Neutral Of Geometry Assembly Methodology
- Cons
 - Extra Cost License
 - Does Not Read Native PTC Creo Parametric Mechanism Information
 - Must Know Ahead Of Time To Get License
 - Works With Published Data Only





Design Animation Option (DAO)

- Specifically For Assembly Instructions
- Pros
 - Natively Saved In PTC Creo Parametric Data
 - Very Fine Grained
 - Can Leverage Existing Mechanisms
- Cons
 - Steep Learning Curve
 - Fairly Expensive License
 - Typically Bundled, Need To Know At Launch





- For Imparting Real World Motion
- Pros
 - Very Detailed Motion
 - “Exotic” Motion Options
 - Models Real World
 - Fairly Low Learning Curve
- Cons
 - License Cost
 - Considerable Setup
 - Occasional Erratic Behavior With Complex Interactions





- Specifically For Assembly
- Pros
 - Specialized For Technical Publications
 - Fairly Low Learning Curve
 - Growing Functionality/Integration
 - Integrated With Arbortext (Getting There)
- Cons
 - License Cost
 - Completely Separate Package
 - Not Integrated With PTC Windchill





- Full Blow Motion Assembly
- Pros
 - Very Fine Grained And Powerful
 - Native PTC Creo Parametric Interface, Data, Simulate Setup
 - Fully Integrated
 - Opens Up To Even More Powerful Pacakges
- Cons
 - Expensive License
 - Very Steep Learning Curve
 - Big Files
 - Can Be Overly Complicated For “Simple” Designs



- For Dynamic Analysis
- Pros
 - Very Powerful
 - Native PTC Creo Parametric
 - Total Real World Situation (Gravity, etc.)
- Cons
 - License Cost
 - Steep Learning Curve
 - Difficulty Resolving Units



- Your feedback is valuable
- Don't miss out on the chance to provide your feedback
- Gain a chance to win an instant prize!
- Complete your session evaluation now

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