



LAUBWERK

## 3D PLANTS FOR CG ARTISTS

*Laubwerk Plants Kits offer a new solution for architects and CG artists working in 3ds Max® and 3ds Max Design® who want high-quality, render-ready trees at their disposal, with adjustable amounts of detail to suit their needs.*

3D trees are an essential part of many CG scenes. However, until now, professional designers have been forced to choose between laborious photomontage, static plants that lack versatility, or overly-complicated modeling tools with hundreds of parameters that drastically slow

the creative process. Each Laubwerk drag-and-drop 3D tree is created by a team of botanist and 3D artists who utilize Laubwerk's unique tree modeling software that combines procedural techniques with handcrafted details. This give users one-click access to realistic 3D trees that can be fine-tune for season, age, variation and level of detail.



*fig. 02*

### KEY FEATURES

- *Render-ready, Versatile 3D Tree species*
- *Advanced Level of Detail Controls*
- *Drag and Drop Plant Browser*
- *Intuitive and Fluent Viewport Feedback*
- *Dedicated V-Ray® Support*

### KEY BENEFITS

- *Save Time While Working and Rendering*
- *Easy-to-Use and Integrated Interface*
- *Quickly Customize Each 3D Plant Species*
- *State-of-the-Art Rendering Quality*
- *Beautiful and Useful 3D Tree Models*

### 3D TREES FOR EVERY PROJECT

*Ideal applications for Laubwerk Plants include:*

- Architectural visualizations
- Landscape and garden design
- Urban design and planning
- Real estate development visualization
- Green roof design
- Landscape architecture
- Architecture competitions

*Architecture (Jan K. Vollmer | jankvollmer.de)*



*Landscape (Tobias Hoffmann | postwendend.com)*



LAUBWERK.COM

**Autodesk**  
Authorized Developer

compatible with:



3ds Max®



## PLANTS KIT DETAILS

*Laubwerk Plants Kits are a line of easy-to-use software extensions for architects and CG artists looking for a fluent way to insert authentic, highly-detailed 3D plants into their scenes.*

### LAUBWERK ADVANTAGE

#### *Plug and Play*

One-click solution for architects and CG artists who need realistic 3D trees, immediately.

#### *Fast and Fluent*

Render-ready 3D trees minimize the need for fine-tuning that can otherwise interrupt your workflow.

#### *Easy and Integrated*

Drag-and-drop plants inside 3ds Max® and 3ds Max Design®.

#### *Intuitive*

Simple settings are a mouse click away.

#### *Smart Content*

Go beyond static models! Choose the shape, age, season and detail of each tree.

#### *High Tech*

Laubwerk technology minimizes the usual compromise between high-quality graphics and efficient memory usage.

## TREE SPECIES AND CONFIGURATIONS

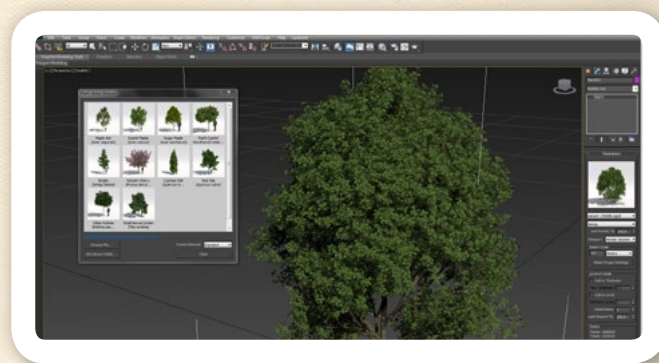
*Highly useful trees from North America and Europe, with just the right amount of control for each tree.*

- Each Plants Kit comes with 10 customizable tree species.
- Plants Kit Freebie comes with two fully-functioning tree species, the tropical *frangipani* and temperate *field maple*.
- Each tree species comes in three (3) shapes, three (3) ages and four (4) seasons, for a total of 36 variations.
- More species and Kits coming soon.

## FREE LAUBWERK PLAYER

*The free Laubwerk Player plug-in brings the 3D trees to life.*

- Drag and drop simplicity from the plant library browser.
- Hull and skeleton modes for quick viewport response, even as your scene grows.
- Seamless integration into Autodesk® 3ds Max® and 3ds Max Design®.
- Dedicated V-Ray® support for the fastest rendering times.
- Adjustable level of detail allows for fine-grained quality vs. memory tradeoff.
- Individually control leaf and branch detail levels as well as adaptive subdivision.



*Laubwerk Plants inside 3ds Max*

## REALISTIC 3D TREES

*Laubwerk uses a hybrid of procedural modeling and hand-detailing by botanist and 3D artists to make the most realistic CG trees.*

- Each species comes render-ready, with preset materials and textures for Scanline, V-Ray® and mental ray®.
- Leaves consist of more than just a single polygon, so they bend and catch highlights.
- Models maintain shape and density, regardless of detail level.
- High quality photo textures from real trees.

### SYSTEM REQUIREMENTS

- 3ds Max and 3ds Max Design 2010-2013
- A computer that is capable of running your version(s) of 3ds Max
- 800MB of hard disk space for the Laubwerk Player, plants, and textures.
- V-Ray 1.5 supported. Use V-Ray 2.2 and higher for special optimization.