









| Drawing  | Vector and Bitmap  | Drawing             | Vector and Bitmap   | Drawing             | Vector                                  |
|--|--|---------------------|---|---------------------|---|
| Types of Production  | 2D Games, Advanced Cut-out,<br>Paperless, Traditional Scan &<br>Paint for TV Series and Film | Types of Production | 2D Games, Cut-out, Paperless,<br>Traditional Scan & Paint for TV<br>Series and Film | Types of Production | 2D Games, Cut-out,<br>Paperless (Basic) |
| Architechture  | 64 Bits  | Architechture       | 64 Bits   | Architechture       | 64 Bits                                 |
| Render Quality   | HD, 2K, 4K, 8K   | Render Quality      | HD, 2K, 4K  | Render Quality      | HD, 2K                                  |
| Features   |  |                     | Harmony<br>Premium  | Harmony<br>Advanced | Harmony<br>Essentials                   |
| Cut-out (Vector)   |  |                     | <b>~</b>  | <b>~</b>            | <b>~</b>                                |
| Cut-out: Advanced (Vector)                                       |  |                     | ~   |                     |   |
| Cut-out (Bitmap)   |  |                     | <b>~</b>  | <b>~</b>            | Limited                                 |
| Bones  |  |                     | ~   | ~                   | <b>~</b>                                |
| Deformers (Curve and Mesh)                                       |  |                     | <b>~</b>  |                     |   |
| Rigging Nodes  |  |                     | NEW!  |                     |   |
| Master Controllers   |  |                     | → NEW!  |                     |   |
| Paperless: Basic Drawing   |  |                     | ~   | ~                   | ~                                       |
| Paperless: Advanced Tools  |  |                     | <b>~</b>  | <b>~</b>            |   |
| Paperless: Textured Lines  |  |                     | ~   | ~                   |   |
| Textured Vector Brushes  |  |                     | → NEW!  | ⇒ NEW!              |   |
| Guides & Vanishing Points  |  |                     | ₩ NEW!  | → NEW!              | ₩ NEW!                                  |
| Timeline Thumbnails with Opacity and Exposure Control            |  |                     | → NEW!  | → NEW!              | → NEW!                                  |
| Recolor  |  |                     | ₩ NEW!  | → NEW!              | → NEW!                                  |
| Rotoscoping  |  |                     | <b>~</b>  | ~                   | <b>~</b>                                |
| Advanced Vector Pencil lines: Pressure Sensitive, Variable Width |  |                     | ~   | ~                   |   |
| Scanning   |  |                     | <b>~</b>  | <b>~</b>            | <b>~</b>                                |
| Vectorization  |  |                     | <b>~</b>  | <b>~</b>            | <b>~</b>                                |
| Harmony Server: Advanced Scanning/Vectorization                  |  |                     | Add-on  | Add-on              |   |
| Ink & Paint: Basic   |  |                     | <b>~</b>  | <b>~</b>            | <b>~</b>                                |
| Ink & Paint: Advanced  |  |                     | <b>~</b>  | <b>~</b>            |   |
| Multiplane   |  |                     | <b>~</b>  | <b>~</b>            | <b>~</b>                                |
| Camera   |  |                     | 3D Rotation   | Multiplane Moves    | Multiplane Moves                        |
| Environment  |  |                     | 3D  | Multiplane          | Multiplane                              |
| 3D Integration   |  |                     | <b>~</b>  | Limited             |   |
| Deep Compositing via Renderman or Arnold                         |  |                     | <b>✓</b>  |                     |   |
| Animate 3D Model Parts   |  |                     | <b>~</b>  |                     |   |
| Basic Effects  |  |                     | ~   | <b>~</b>            | <b>~</b>                                |
| Advanced Effects   |  |                     | <b>~</b>  |                     |   |
| Animated Masks   |  |                     | → NEW!  |                     |   |
| Particle Effects   |  |                     | <b>~</b>  |                     |   |
| Effects Plugins  |  |                     | In-house, Open FX   |                     |   |
| Add Functionality via Scripting                                  |  |                     | <b>~</b>  | <b>~</b>            | <b>~</b>                                |
| Harmony Server: Multi-user Environment                           |  |                     | Add-on  | Add-on              |   |
|  |  |                     |   |                     |   |

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Harmony Server: Integrated Batch Rendering

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Add-on

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