GX Pro
High-power Laser Cutting Machine

- Alpha T Bus Control System
- Bus-based Laser Cutting Heads
- Bus Follow-up Response Technology
- Pre-crash Beam
- Optional Linear Motor

Applicable Industry

- Metal machining
- Mechanical equipment
- Engineering machinery
- Agricultural machinery
- Shipbuilding
- Mining machinery

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**Alpha T Bus Control System**

It enables data transmission via EtherCAT bus and features fast speed and stability. This system is easy to be operated and rich in functions. Even green hands can cut high-quality samples.

**Bus-based Laser Cutting Heads**

HSG Laser, based on Japanese optical technology, has developed high-power bus cutting heads, that ranges from 10kW to 40kW based on its study on interaction between metal materials and laser. With that, thick sheets can be cut stably in batch.

- Optical filtering to prevent lens pollution
- Real-time monitoring of laser focus
- Bus-based height adjusting system
- Laser path reshaping technology

**Eco-friendly Cutting**

Blower fans on top cover send positive-pressure blows to press down cutting smoke below machine bed. In combination with zoning ventilation, cutting smoke will be discharged rapidly by intensive suction.

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**Technical parameter**

<table>
<thead>
<tr>
<th>Model</th>
<th>G3015X Pro</th>
<th>G4020X Pro</th>
<th>G6025X Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>12000-30000W</td>
<td>3000-30000W</td>
<td>3000-30000W</td>
</tr>
<tr>
<td>Processing format (L&quot;W)</td>
<td>3048mm*1524mm</td>
<td>4064mm*2032mm</td>
<td>6096mm*2540mm</td>
</tr>
<tr>
<td>X/Y-axis positioning accuracy</td>
<td>±0.03mm/m</td>
<td>±0.03mm/m</td>
<td>±0.03mm/m</td>
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<tr>
<td>X/Y-axis repositioning accuracy</td>
<td>±0.03mm</td>
<td>±0.03mm</td>
<td>±0.03mm</td>
</tr>
<tr>
<td>Acceleration</td>
<td>1.5G</td>
<td>1.5G</td>
<td>1.5G</td>
</tr>
<tr>
<td>No-load speed</td>
<td>140m/min</td>
<td>140m/min</td>
<td>120m/min</td>
</tr>
</tbody>
</table>

The product appearance, parameters, performance description and comparison data displayed on this page/video/picture are all from the internal laboratory of HSG Laser Factory. The testing and testing of the company’s own products are for reference only, and the data provided by the sales staff shall prevail.