Maximized productivity
Easy operation
Reliable performance
Maximized productivity

MAXPRO200 combines fast cutting speeds and quick process changes to maximize productivity.

- The fastest cut speeds in its class produce more finished parts per hour.
- Engineered with 100% duty cycle for the most demanding production environments.
- Quickly transition between cutting, gouging, mechanized and handheld processes with automatic settings, tool free leads and quick disconnect torches.

Fast cutting speeds = maximum productivity

<table>
<thead>
<tr>
<th>Material Thickness</th>
<th>MAXPRO200 (O₂)</th>
<th>Air plasma (105 A)</th>
<th>Oxyfuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 mm (3/4&quot;)</td>
<td>2500</td>
<td>1000</td>
<td>500</td>
</tr>
<tr>
<td>25 mm (1&quot;)</td>
<td>2000</td>
<td>800</td>
<td>400</td>
</tr>
<tr>
<td>32 mm (1-1/4&quot;)</td>
<td>1500</td>
<td>600</td>
<td>300</td>
</tr>
</tbody>
</table>

Easy operation

The easiest plasma system in its class for air and oxygen plasma cutting – easy to install, easy to operate, easy to maximize performance.

- Intuitive one step interface and automatic gas control deliver consistent results without operator intervention.
- Advanced diagnostics simplify troubleshooting and service.
- Optional serial communications allow full control of the system from the CNC.
Low operating cost

Exceptional consumable life and consistent performance deliver more cost-effective results.

- Do more with less power: patented consumable designs enable best in class cut speeds and robust production piercing using lower amperage levels.
- Superior cut quality and consistency minimize high cost secondary operations.
- Advanced consumable technologies including LongLife®, CoolFlow™ and TrueFlow™ significantly increase consumable life to reduce cost per part.

Longer consumable life = more cost effective

12 mm (1/2") mild steel
200 A Air/Air, 30 m (100′) leads

MAXPRO200 vs. oxyfuel

Cut speeds and pierce times are as much as 7 times faster for maximized productivity.

- Significantly lowers operating cost per part up to 50 mm (2").
- Less dross, less warping, and a smaller heat-affected zone to minimize high-cost secondary operations.
- Increases flexibility to cut and gouge mild steel, stainless steel, aluminum, and stacked, painted or rusted metal.
- Improves mild steel cutting safety over the use of acetylene, a highly flammable gas used for oxyfuel cutting.

Reliable performance

Engineered and tested using the same proven design process as the HyPerformance® HPRXD® product family for superior reliability in the most demanding cutting environments.

- During development, Hypertherm systems endure rigorous reliability testing procedures equivalent to years of use in extreme operating environments.
- The MAXPRO200 is built with less than half the number of internal parts compared to other systems on the market. Fewer parts provide greater reliability and serviceability.
- Self-diagnostics are performed automatically at startup and continually throughout the cutting process.
Specifications

**Input voltages**
- 200/208 VAC, 3-PH, 50 Hz, 108/104 A
- 220 VAC, 3-PH, 60 Hz, 90 A
- 380 VAC, 3-PH, 50 Hz, 57 A
- 400 VAC, 3-PH, 50 – 60 Hz, 54 A
- 415 VAC, CE, 3-PH, 50 Hz, 52 A
- 440 VAC, 3-PH, 60 Hz, 49 A
- 480 VAC, 3-PH, 60 Hz, 45 A
- 600 VAC, 3-PH, 60 Hz, 36 A

**Output voltages**
- 50 – 165 VDC

**Maximum output current**
- 200 A

**Duty cycle rating**
- 100% @ 33 kW, at 40°C (104°F)

**Operating temperature**
- -10°C to 40°C (+14°F to +104°F)

**Power factor**
- 0.98 @ 33 kW output

**Gas supply**
- Plasma gas: Air, O₂, N₂
- Shield gas: Air, N₂

**Supply pressure**
- 6.2 +/- 0.7 bar (90 +/- 10 psig)

Handheld torch and gouging

- 200 A handheld torch capable of cutting up to 75 mm (3") for demolition, scrapping and other heavy-duty cutting demands.

- Drag-cutting consumables make it easy to follow a line or template.

- Metal removal rate on mild steel up to 18.7 kg/hr (41.2 lbs/hr).

- Plasma gouging can replace grinding or carbon arc gouging for many metal-removal applications. Plasma gouging produces less noise and fumes than carbon arc gouging and avoids risks of metallurgic problems from carbon contamination.

Cut with confidence


- Hypertherm’s full-system warranty provides complete coverage for one year on the torch and leads and two years on all other system components.

- Hypertherm’s plasma power supplies are engineered to deliver industry leading energy efficiency and productivity with power efficiency ratings of 90% or greater and power factors up to 0.98. Extreme energy efficiency, long consumable life, and lean manufacturing lead to the use of fewer natural resources and a reduced environmental impact.

Hypertherm®
Cut with confidence®
www.hypertherm.com

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**Operating data**

<table>
<thead>
<tr>
<th>Material</th>
<th>Current (amps)</th>
<th>Thickness (mm)</th>
<th>Approximate cutting speed (mm/min)</th>
<th>Thickness (inches)</th>
<th>Approximate cutting speed (ipm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mild steel&lt;br&gt; Air plasma&lt;br&gt; Air shield</td>
<td>50</td>
<td>1</td>
<td>8050</td>
<td>20 ga</td>
<td>325</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3780</td>
<td>1½</td>
<td>150</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>130</td>
<td>12</td>
<td>3865</td>
<td>½</td>
<td>110</td>
</tr>
<tr>
<td>Air plasma&lt;br&gt; Air shield</td>
<td>200</td>
<td>6</td>
<td>4885</td>
<td>½</td>
<td>60</td>
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<tr>
<td></td>
<td>12</td>
<td>2794</td>
<td>1/4</td>
<td>25</td>
<td>2</td>
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<tr>
<td></td>
<td>20</td>
<td>1415</td>
<td>2</td>
<td>8</td>
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<tr>
<td></td>
<td>25</td>
<td>940</td>
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<td>150</td>
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<td>32</td>
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<tr>
<td></td>
<td>50</td>
<td>215</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>O₂ plasma&lt;br&gt; Air shield</td>
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<td>1</td>
<td>6775</td>
<td>20 ga</td>
<td>270</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3650</td>
<td>1½</td>
<td>130</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>130</td>
<td>12</td>
<td>3825</td>
<td>½</td>
<td>150</td>
</tr>
<tr>
<td>O₂ plasma&lt;br&gt; Air shield</td>
<td>200</td>
<td>6</td>
<td>6210</td>
<td>½</td>
<td>235</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>3415</td>
<td>1/4</td>
<td>25</td>
<td></td>
</tr>
<tr>
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<td>1920</td>
<td>2</td>
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<td>1430</td>
<td>3</td>
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<tr>
<td></td>
<td>32</td>
<td>805</td>
<td>1</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>50</td>
<td>270</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stainless steel<br> N₂ plasma<br> N₂ shield | 200 | 12 | 220 | ½ | 80 | 40 |
| | 20 | 1140 | 3/4 | 50 | 11 |
| Air plasma<br> Air shield | 200 | 12 | 3050 | ½ | 120 | 40 |
| | 20 | 1520 | 3/4 | 60 | 11 |

* The thickness that can be severed at approximately 125 mm/min (5 ipm) with reduced cut quality. Cutting at severance thickness should be infrequent.