



## ESAB Welding & Cutting Products

For more information, contact:  
*Shara Hrdalo, Marketing Manager*  
ESAB Group Canada Inc.  
905-670-0220, 1-877-935-3226  
[CanadaMktg@esab.com](mailto:CanadaMktg@esab.com)

### **FOR IMMEDIATE RELEASE:**

#### **ESAB'S NEW FALCON CUTTING SYSTEM - NEW DIMENSIONS IN FLAME AND PLASMA CUTTING**

ESAB Canada, based in Mississauga, Ontario, introduces the new Falcon Cutting System for plasma, oxy-fuel or combined plasma and oxy-fuel cutting with a cutting capacity of up to 150 mm (5.85 in.).

All processes are controlled from an ESAB CNC system like the Vision 51. Extensive control functions, interfaces and an integrated cutting database with 65 fixed programs deliver a high degree of reliable, reproducible quality of cut-parts.

The Falcon operates with a 100-200A plasma power source (ESP-101, ESP-150 or ESP-200) for plasma cutting. The precise setting of the cutting torch height is achieved automatically with initial height sensing and maintained by an arc voltage height control during the cutting process ensuring optimum cutting quality at all times.

The Falcon can also be fitted with up to two oxy-fuel cutting torches for cutting mild steel plates. Each tool carriage is provided with a reliable automatic ignition device. Solenoid valves on the carriages allow for automatic piercing. The cutting height is determined by a capacitive ring, which automatically maintains the torch height to ensure the best cut quality.

The ESAB collision protection system will immediately stop the cutting process and shut down the machine in case of a collision or crash for maximum operator safety.



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**Company**  
ESAB Group Canada, Inc.  
6010 Tomken Road  
Mississauga, ON L5T 1X9

**Telephone**  
1-877-935-3226  
905-670-0220

**Fax**  
1-800-363-8841  
905-670-4879

**Web/Email**  
[www.esab.ca](http://www.esab.ca)  
infomaster@esab.com

For more information about the Falcon or other ESAB mechanized cutting systems, please call 1-877-935-3226 or visit [www.esab.ca](http://www.esab.ca).

*Nearly 70 years' experience of cutting and responding to customers' needs have resulted in an extensive range of products to meet profile cutting applications. Based around the four methods of laser cutting, oxy-fuel cutting, plasma cutting and waterjet cutting, ESAB has developed a range of machines that deliver better cut quality, higher cutting speeds, lower operating costs and allow sophisticated integration into automated production methods. Visit [www.esab.ca](http://www.esab.ca) for more information.*

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<b>Company</b> ESAB Group Canada, Inc. 6010 Tomken Road Mississauga, ON L5T 1X9	<b>Telephone</b> 1-877-935-3226 905-670-0220	<b>Fax</b> 1-800-363-8841 905-670-4879	<b>Web/Email</b> <a href="http://www.esab.ca">www.esab.ca</a> infomaster@esab.com
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