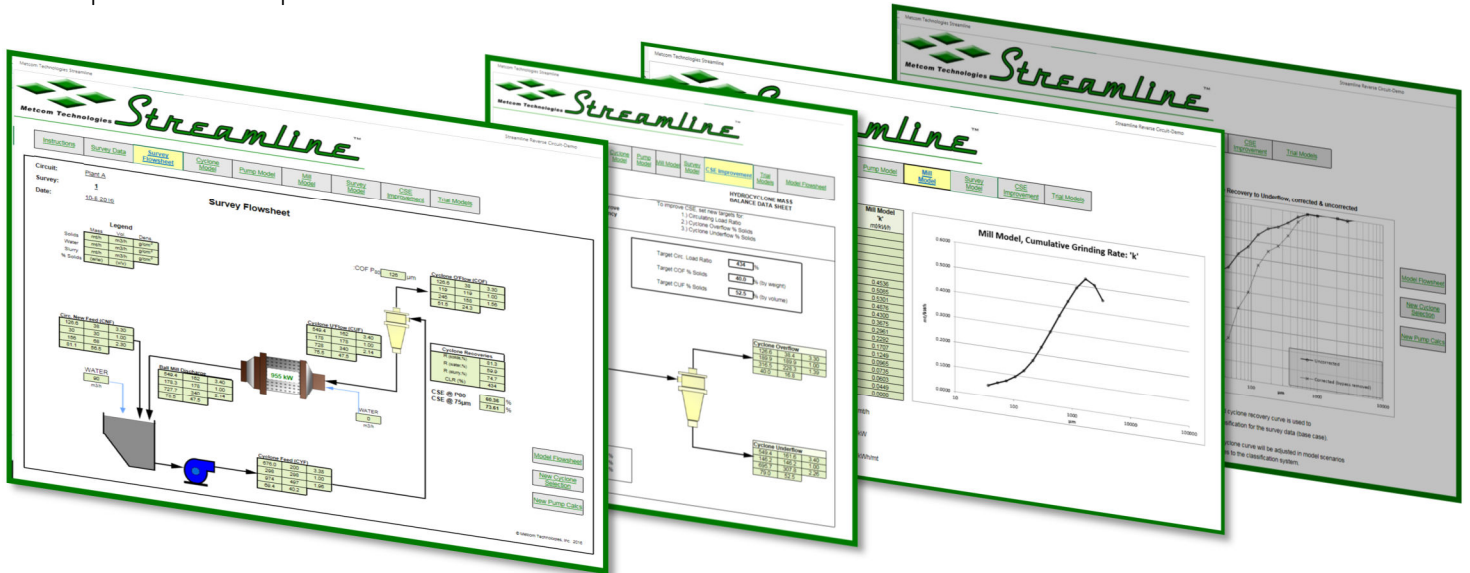




# Streamline™

## Ball Mill Circuit Modeling System

**Streamline™** is the breakthrough ball mill modeling application that uses **Functional Performance Analysis** to carry out circuit performance improvements.



The application uses plant survey data to construct a ball mill size reduction model represented by real-world cumulative grinding rates through all size classes. Cyclone separation performance is characterized using size-by-size recoveries to underflow. This easy to construct, two-unit circuit model perfectly replicates the circuit survey size distributions and mass flows. Pump and cyclone performances can then be adjusted using the provided step-by-step procedure to maximize Classification System Efficiency (CSE), the optimization metric.

**Streamline™** is cloud-based and accessed through your web browser. Easy to understand and use, it is fully supported by tutorial videos, live technical support, and five related training modules from the Metcom Grinding Process Management System:

- ◆ Module 5 - Functional Performance of Ball Milling
- ◆ Module 7 - Hydrocyclone Performance
- ◆ Module 8 - Hydrocyclone Adjustments
- ◆ Module 9 - Slurry Pumping
- ◆ Module 18 - Evaluation of Circuit Classification

**Streamline™** follows Metcom's core philosophy of equipping metallurgists with only the best tools to help them perform their jobs. Unlike past programs, it is based on proven fundamentals. It empowers all metallurgists to make circuit modifications in order to realize valuable performance gains.



Visit [metcomtech.com](http://metcomtech.com) to learn more about **Streamline™**  
email: [info@metcomtech.com](mailto:info@metcomtech.com)  
Phone: 289-238-8924 / 218-212-4350



<b>Streamline™ Pricing Information</b>	<b>Price/user</b>
<b>Streamline™</b> - Seat license with 1st-year online access	\$4,169*
( 2-5 named users )	\$3,969*
( 6+ named users )	\$3,769*
* <b>Discount</b> for Metcom training participants who have completed modules 5,7,8,9 & 18.	(\$1,179)
<b>Annual license renewal</b>	
One year continued online access to Streamline, training modules and program updates.	\$395
<u>Seat licenses include the following:</u>	
Up to 2.5 hours of technical support/application assistance	<i>incl.</i>
Online training seminar on how to use Streamline	<i>incl.</i>
Access and certification for the following Metcom training modules:	
• Module 5 - Functional Performance of Ball Milling	<i>incl.</i>
• Module 7 - Hydrocyclone Performance	<i>incl.</i>
• Module 8 - Hydrocyclone Adjustments	<i>incl.</i>
• Module 9 - Slurry Pumping	<i>incl.</i>
• Module 18 - Evaluation of Circuit Classification	<i>incl.</i>
Certificate of training completion and 1.85 CEU's from the Engineering Institute of Canada	<i>incl.</i>

**Terms and Conditions:**

Seat licenses are per person and may not be shared or transferred.  
 Login credentials and materials may not be shared or distributed.  
 Seat licenses may not be transferred to other companies or organizations.  
 All training participants must sign and return a Metcom Participant Agreement.  
 Certification testing for training modules included.  
 All prices are in \$US, any applicable taxes and withholdings extra.  
 Prices are valid for 30 days from date of accompanying Metcom offer, otherwise subject to change without notice.  
 Terms of payment are net 30 days for company purchase orders. Visa, MasterCard and PayPal also accepted.



# Streamline™

## Ball Mill Circuit Modeling System

Metcom Technologies, Inc.  
 1021 W. Baraga Ave.  
 Marquette, MI, USA 49855  
 Tel: (906) 273-1300  
 Fax: (989) 669-6000  
 programadmin@metcomtech.com

### Metcom Streamline™ Order Form

**Select Pricing Option:**

1 Seat license (1<sup>st</sup> year online access) **\$4,169/user**

2-5 Seat licenses (1<sup>st</sup> year online access) **\$3,969/user**

6+ Seat licenses (1<sup>st</sup> year online access) **\$3,769/user**

**Ball Mill Circuit Type:**

Reverse  Forward  Both

	<b>Streamline™ User - Name &amp; E-mail</b>	<b>\$ US (Each)</b>
1	Name: _____ Email: _____ <small>If user has completed Modules 5,7,8,9,18 please deduct <b>\$1,179</b> from above price(s).</small>	
2	Name: _____ Email: _____ <small>If user has completed Modules 5,7,8,9,18 please deduct <b>\$1,179</b> from above price(s).</small>	
3	Name: _____ Email: _____ <small>If user has completed Modules 5,7,8,9,18 please deduct <b>\$1,179</b> from above price(s).</small>	
4	Name: _____ Email: _____ <small>If user has completed Modules 5,7,8,9,18 please deduct <b>\$1,179</b> from above price(s).</small>	
5	Name: _____ Email: _____ <small>If user has completed Modules 5,7,8,9,18 please deduct <b>\$1,179</b> from above price(s).</small>	

Subtotal: \_\_\_\_\_

Taxes: (Canadian residents, please add applicable, GST, QST or HST): \_\_\_\_\_

**Purchasing Information:**

**Total:** \_\_\_\_\_

<input type="checkbox"/> <b>Purchase Order to follow or as below</b> Purchase Order #: _____ Company/Site: _____ Contact: _____ Billing Address: _____ _____ E-Mail: _____ Phone: _____ Fax: _____	OR	<input type="checkbox"/> <b>Visa / MasterCard</b> Credit Card: Visa <input type="checkbox"/> Master Card <input type="checkbox"/> Card No. _____ Exp. Date: _____ Name On Card: _____			
<p>Form submission:</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; width: 33%;"> <b>Fax:</b>            (989) 669-6000         </td> <td style="text-align: center; width: 33%;"> <b>Scan / Email:</b>            programadmin@metcomtech.com         </td> <td style="text-align: center; width: 33%;"> <b>Mail:</b>            Metcom Technologies, Inc.            1021 Baraga Ave. W, Suite B            Marquette, MI, USA 49855         </td> </tr> </table>			<b>Fax:</b> (989) 669-6000	<b>Scan / Email:</b> programadmin@metcomtech.com	<b>Mail:</b> Metcom Technologies, Inc. 1021 Baraga Ave. W, Suite B Marquette, MI, USA 49855
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**Additional Terms & Conditions**

Password and username valid for 12 months, then \$395/year renewal, provides continued access to Streamline™ Application, training materials, support, upgrades and revisions.

All Streamline Users must sign and return the Metcom Participant Agreement

Training Login credentials and materials may not be shared or distributed.

Price includes certification testing, unless otherwise noted.

Prices are for each Streamline™ User, in \$US, any applicable taxes or withholding extra.

Standard terms of payment are net 30 days for purchase orders.

This offer may not be combined with Major-subscriber, Multi-user or other discounts.