

# Wet Drum Magnetic Separator

## REPAIR / REBUILDS



Innovative Magnetic Technologies Inc. provides a cost efficient repair program for a variety of magnetic separation systems used in industry. In particular, processing facilities which utilize Low Intensity Magnetic Wet Drum Separators, benefit due to the cost saving of the rebuild as opposed to the cost of a replacement separator.



### IMT's repair/ rebuilds include some or all of the following:

- Complete disassembly of separator
- Replace and or repair all bearings and seals
- Weld and machine drive stub shaft (inner seal surface)
- Remove and Reinstall magnetic core with rebuilt core assemblies
- Install a casing on the magnetic core to prevent any potential damage to drum from debris
- Sandblast and repaint inner steel yoke to prevent further corrosion
- Sandblast and paint inner bearing housings to prevent further corrosion
- Clean and coat aluminum endplates for enhanced corrosion and abrasion resistant
- Repair holes in stainless drum (if necessary)
- Remove and replace outer drum cover with Stainless Steel skin
- Clean and polish outer shaft stubs
- Reassemble drum, utilizing silicon and thread sealer where necessary
- Supply and install new fasteners



# IMT

Innovative Magnetic  
Technologies Inc.

#1 3308 Appaloosa Rd.  
Kelowna, BC Canada  
V1V 2W5  
Phone: 250-491-5806  
Fax: 778-753-6234  
[www.imt-inc.com](http://www.imt-inc.com)  
e-mail: [info@imt-inc.com](mailto:info@imt-inc.com)



### INDUSTRIAL MAGNETIC SOLUTIONS

Manufacturers of Permanent Magnetic Head pulleys, Cross Belt Separators, Suspended Plate Magnets, Chute Separators, Magnetic Drums and Vertical Magnetic Conveyors