We know a lot of people don't play golf; however, we like the jokes.

Jack Benny: ***"Give me the fresh air, a beautiful partner and a nice round of golf and you can keep the fresh air and the round of golf."***

Lee Trevino: ***"Columbus went around the world in 1492. That isn't a lot of strokes when you consider the course."***

Paul Harvey: ***"Golf is a game in which you yell "fore," shoot six and write down five.***

A successful diet is the triumph of mind over platter.

A man's home is his castle, in a manor of speaking.

Corduroy pillows are making the headlines.

A gossip is someone with a great sense of rumor.

Is a book on voyeurism a peeping tome?

A grenade thrown into a kitchen in France would result in Linoleum Blown-apart.

Past ***encores*** online at **mesabi.com**

L AND M RADIATOR, INC.

ISO 9001:2000 CERTIFIED

Manufacturers and Distributors of MESABI® Flexible Core Heat Exchangers

1414 East 37th Street • Hibbing, MN 55746 U.S.A.
Phone: 218-263-8993 • Toll Free U.S.A. & Canada: 1-800-346-3500 • Fax: 218-263-8234 • E-mail: cool@mesabi.com

MANUFACTURING FACILITIES:

UNITED STATES
L&M Radiator, Inc.
Hibbing, Minnesota

L&M Radiator, Inc.
El Paso, Texas

L&M Radiator, Inc.
Independence, Iowa

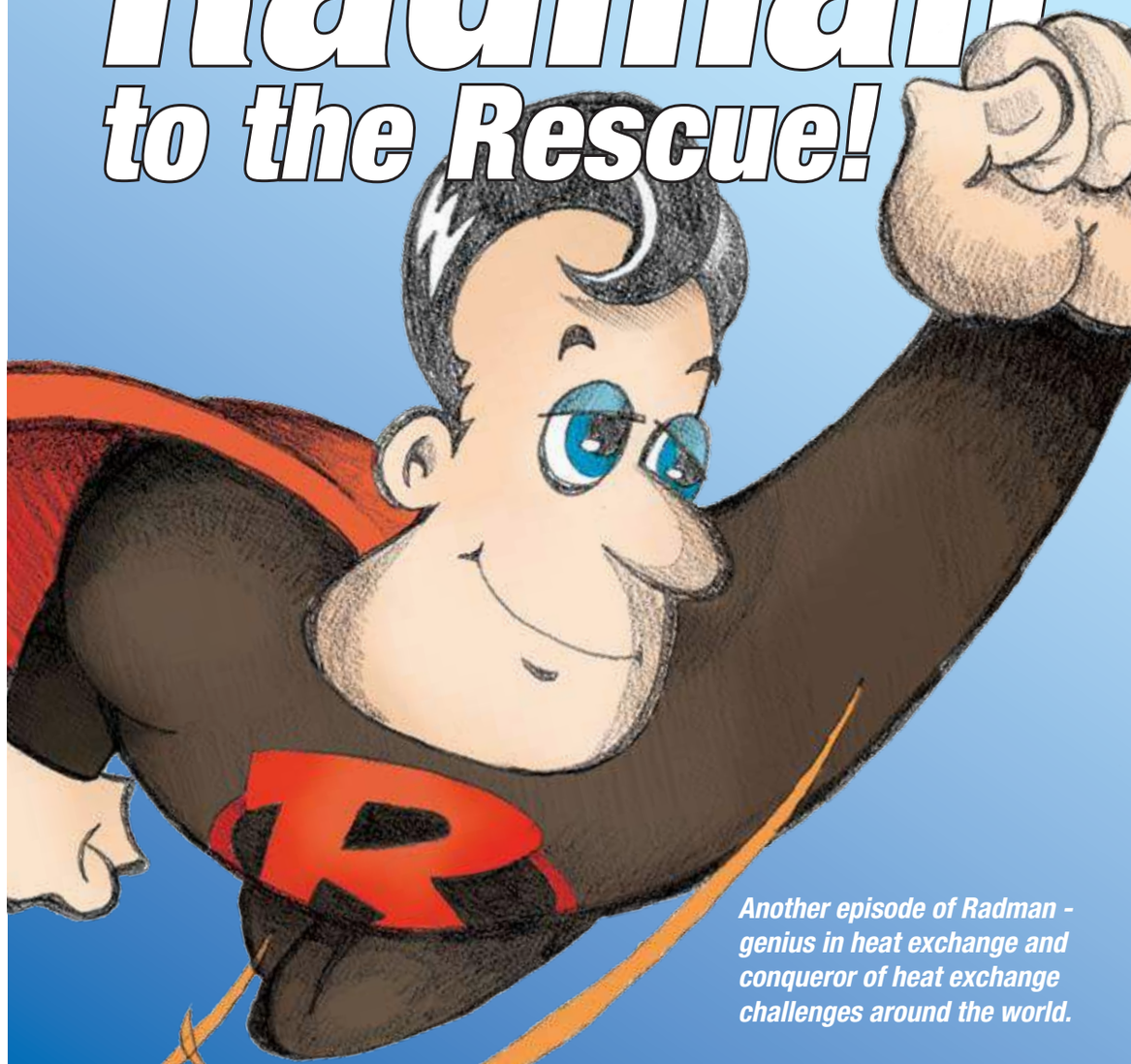
AUSTRALIA
L&M Radiator Pty. Ltd.
East Victoria Park, W.A.

MEXICO
L y M de Mexico S.A. de C.V.
Hermosillo, Sonora

L AND M ***encores***

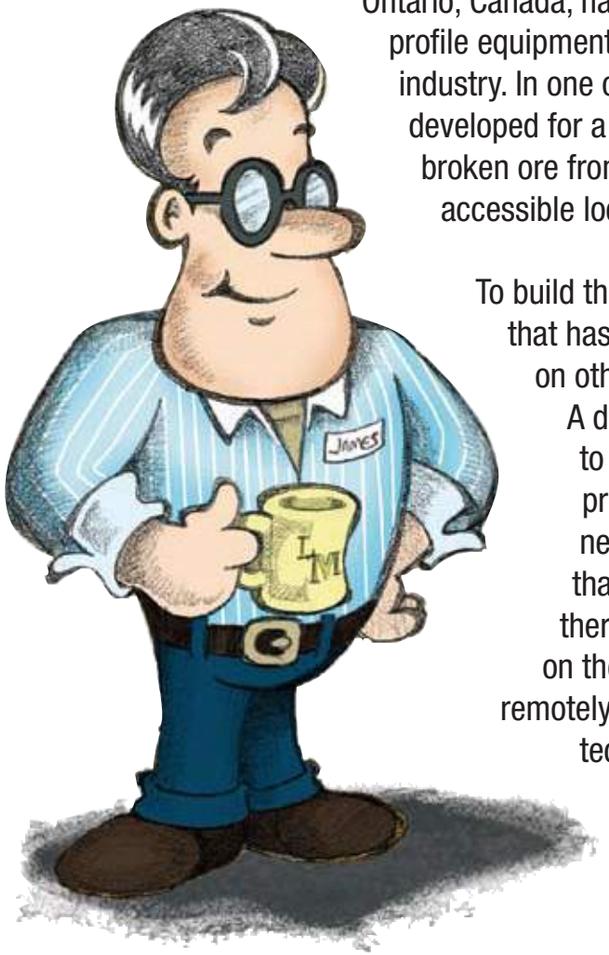
November 2006

Radman to the Rescue!



Another episode of Radman - genius in heat exchange and conqueror of heat exchange challenges around the world.

How do you design a radiator for a remote controlled underground rock pusher that is only ONE METER HIGH?



Sandvik Mining and Construction in Burlington, Ontario, Canada, has long been a supplier of low-profile equipment to the underground mining industry. In one of their major markets, a need developed for a low-profile bulldozer to push broken ore from the mining area to a more accessible location.

To build this dozer, SMC used technology that has been successfully applied on other underground equipment. A diesel engine coupled directly to a hydrostatic drive system provides the compact dimensions necessary in a machine less than one meter (40") tall. Since there is no room for an operator on the machine, it is controlled remotely using the latest in CANbus technology (a network of multiple microcontrollers that can communicate with each other). The unit has been named the Reef Dozer.

*James Mattson, genius in heat exchange at L&M Radiator, keeps design engineers and maintenance managers cool under the threat of radiator downtime, thanks to his alter ego - **MESABI® Radman!***

Certainly this machine required a unique radiator and L&M's Radman came up with the answer, and we can add, a radiator a whole lot smaller than we are used to dealing with.

Our engineers had to downsize their thinking from a radiator large enough to cool a 3,000 horsepower diesel engine - say 2 1/2 meters high and 3 meters wide (about 8 feet by 10 feet) - to a radiator less than one meter high. Adjust we did, with the end product being about two feet square and 18 inches deep. We hardly knew where to look for a 17-inch fan, but we did find one.

We conducted a successful cooling test on the radiator in an underground mine in Africa, with Radman in attendance.

Alex Chisholm

Sandvik's Reef Dozer