

FILE NAME: Garlock (GAR)

DATE: 1947 Mar

DOC#: GAR019

DOCUMENT DESCRIPTION: Trade Journal Advertisement & Article - Modern Power and Engineering

Contents

	Page
Hydraulic Turbines	57
Industrial Steam Turbines	61
Steam Engines	67
Internal Combustion Engines	73
Detroit Diesel	75
Caterpillar Diesels	76
Nuclear Energy in Industry	77
Flow Measuring Instruments	79
Hot Liquids	84
Centrifugal B. F. Pumps	85
Diesel Controls	90
Helpful Hints	94
News	96
Personals	98
New Equipment	100
Library	102

EDITOR—H. A. HATFIELD

MANAGER — W. B. HART
MANAGER INDUSTRIAL NEWSPAPERS
J. L. CRAIG

TORONTO 2—481 University Avenue, Telephone Adelaide 5961.

MONTREAL Centre 2 — Dominion Square Bldg., 1010 St. Catherine St. West, Telephone Marquette 2321, H. Martin, Representative.

UNITED STATES—522 Fifth Ave., New York 18; 260 West Jackson Blvd., Chicago 6.

GREAT BRITAIN—London: Maclean-Hunter Ltd., Sun Life of Canada Building, Trafalgar Square, London, S.W.1. Cable address: Atabek, London.

Subscription rate \$2.00 per year. Single copies 25c.

Authorized as second-class mail, Post Office Department, Ottawa.

MACAB

MEMBER

Printed and Published by

MACLEAN-HUNTER

Publishing Company Limited

481 University Ave., Toronto 2, Ont.

JOHN BAYNE MACLEAN
Founder and Chairman

HORACE T. HUNTER, President

FLOYD S. CHALMERS
Executive Vice-President

THOMAS H. HOWSE
Vice-President and Treasurer

PUBLISHERS OF

Modern Power, Canadian Machinery, Canadian Shipping and Marine Engineering News, Industrial Progress, Canadian Printer and Publisher, Maclean's Magazine, Chatseline, Mayfair, Canadian Homes and Gardens, Style, Men's Wear Merchandising, The Financial Post, Canadian Advertising, Canadian Aviation, Canadian Automotive Trade, Bus and Truck Transport, Hardware and Metal, Canadian Grease, General Merchant, Canadian Paint and Varnish Magazine, Painting and Decorating Contractor, Sanitary Engineer, Canadian Hotel Review, Canadian Bookseller, Canadian Stationer, Drug Merchandising, Plant Administration, Le Prix Courant, L'Epicer. And five business publications in the United States and Great Britain. Other Services: Canadian Press Clipping Service, The Financial Post Corporation Service.

MODERN POWER and Engineering

March, 1947

"Information about prime movers is hard to get." We know it for the reasons outlined on page 55 and because our readers frequently ask for details. Here's hoping the articles in this issue will be helpful to those now interested and spur the interest of people who should install their own prime movers.

There are still too many to be converted. To convince them we will need help in the form of articles or letters from readers who have their own power plants. Please let us hear about your loads, the equipment you have and why it was selected for your working conditions. Most of all we need figures showing how close the actual savings come to the estimated returns.

We would also like to hear the other side of the story and know our reader's reasons for buying power and fuel when suitable plant equipment will supply both heat and power.

Meantime we want to thank the contributors who helped with this issue for their time and suggestions.

Regarding the articles, this time, of course, we are not in a position to pick the highlights. Probably they should have had an introduction. A page or two about the number of people employed in the industry and something indicating the number of plants and millions of dollars invested. The power industry is Big Business with capital "B's" but the government's statistics tell what there is to know about its past.

We believe our readers are more interested in the future. More millions and more skilled people will be needed before we catch up with the demand for power. What happens will depend on three unknown quantities. The output of fuel, the production of plant equipment, and the men who operate power plants.

The equation will be readily solved provided everyone in the industry can see a future for himself. In our opinion there has never been a time in the history of the power industry when there was as many opportunities or when equipment of such technical interest was being prepared for industrial purposes. If these conditions do not raise our enthusiasm, what will?

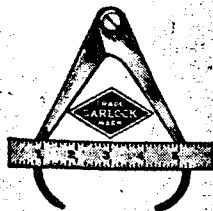


FROM
RAW MATERIAL
 TO

Finished Product



GARLOCK 234 Braided Asbestos Packing in Coil form. GARLOCK 244—Coil with wire. GARLOCK 239—Rings. GARLOCK 249—Rings with wire.



60th Anniversary 1887-1947

ALL GARLOCK packings are *quality controlled* from raw material to the finished product. Photo shows the first step in the preparation of crushed asbestos fibre for use in the manufacture of Garlock asbestos packings. One of these Garlock products is GARLOCK 234 which is recommended for rotary or centrifugal pumps handling hot water, cold water, caustic solutions or weak acids. For long, dependable service specify GARLOCK 234.

THE GARLOCK PACKING COMPANY OF CANADA LIMITED

General Offices: MONTREAL, QUE.

Branch Offices: HAMILTON, TORONTO, WINNIPEG, CALGARY, VANCOUVER

GARLOCK 234