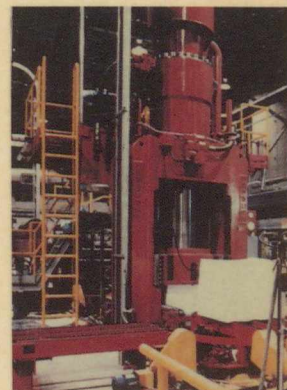
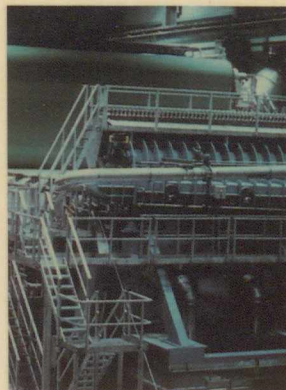
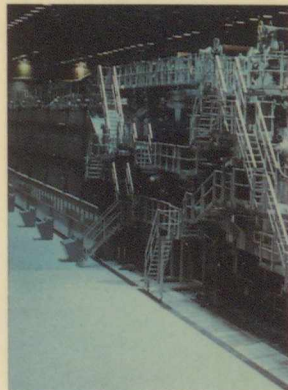
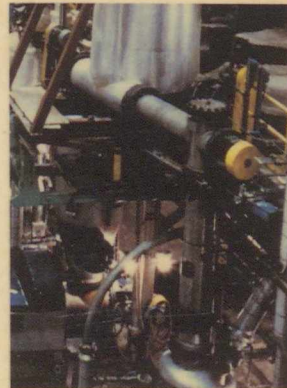
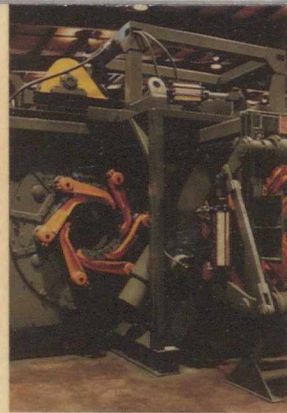
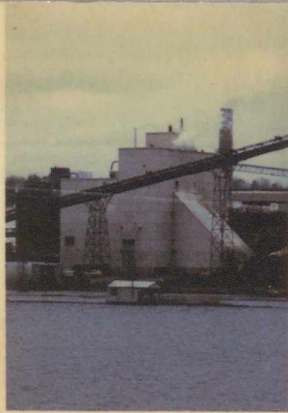


stor  
CA1  
EA  
89P76  
ENG



# PULP AND PAPER EQUIPMENT AND SERVICES FOR WORLD MARKETS



External Affairs  
Canada


Affaires extérieures  
Canada

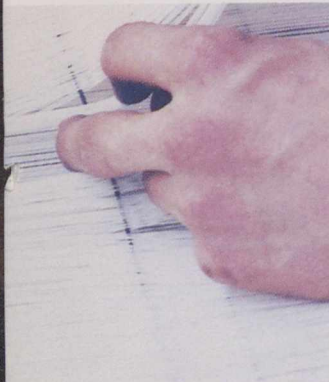
OUT OF PRINT - NO MORE COPIES  
MASTER COPY

DO NOT REMOVE

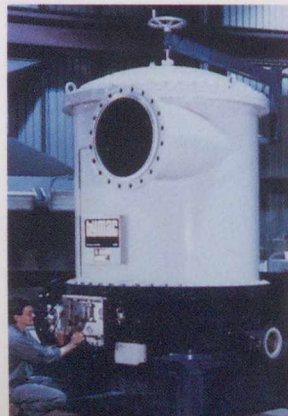
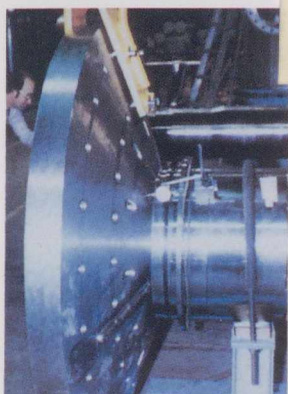
VTW-7-EN-89



LIBRARY E A/BIBLIOTHEQUE A E  
  
 3 5036 20011840 7



Storage  
 CA1 EA 89P76 ENG  
 Pulp and paper equipment and  
 services for world markets. --  
 43265621



UTW-7-EN-89

# CONTENTS

## FOREWORD

A quick preface to *Pulp and Paper Equipment and Services for World Markets*: the pulp and paper industry and its suppliers ..... 5

## INDUSTRY AND SUPPLIER OVERVIEW

A more in-depth examination of the Canadian pulp and paper industry, its size, diversity and the major markets.  
A closer look at the performance of Canadian equipment manufacturers and consulting engineers, their capabilities, markets and areas of achievement ..... 6

## CANADA'S PULP & PAPER PRODUCERS

A reference guide to Canada's 68 pulp and paper companies ..... 8

## PRODUCT CROSS-INDEX

A detailed reference of available equipment and products, followed by listings of the companies active in each category ..... 14

## CAPABILITY GUIDE

A brief description of each pulp and paper industry equipment supplier, including their areas of expertise and strength ..... 16

## EQUIPMENT MANUFACTURER'S AND CONSULTING ENGINEERING DIRECTORY ALPHA INDEX

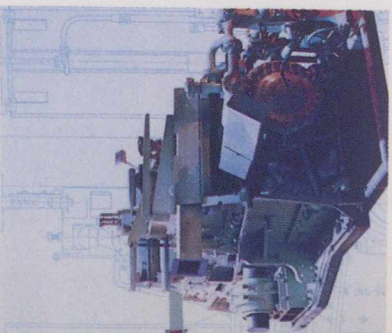
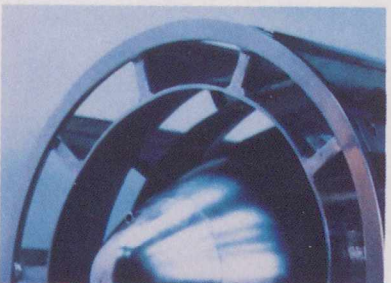
An alphabetical listing of industry suppliers and the page numbers where you can find out more about them ..... 50

43-265-621

Dept. of External Affairs  
Min. des Affaires extérieures

SEP 2 1993

RETURN TO DEPARTMENTAL LIBRARY  
RETOURNER A LA BIBLIOTHEQUE DU MINISTERE



# FOREWORD

---

Long the world's leading exporter of pulp and paper, the Canadian industry has undergone many changes over the years in response to new markets, products and technologies in the international trading environment. Indeed, Canada has excelled to obtain a dominant position: it produces one-third of all the pulp and paper traded in the world marketplace.

Canadian suppliers of equipment and consulting services to the industry have also responded to this change. This sector of the industry boasts a number of established and notable firms which have earned outstanding reputations for quality and reliability in Canadian and international markets.

The capabilities of these companies to service both the domestic and export markets is enhanced by the wide range of products and services they offer. Everything from feasibility and market studies to stock pumps, entire paper machines and complete mill systems. Virtually everything pulp and paper producers need to expand, modernize or build a new operation is available in Canada.

Canada truly is an exporter to the world. Not just in pulp and paper, but also in pulp and paper equipment and services. *Pulp and Paper Equipment and Services for World Markets* is designed to help you find everything you need — from Canadian sources.

Although this capability guide is representative of a broad range of Canadian suppliers, it includes only those concerns that have agreed to participate.

# INDUSTRY AND SUPPLIER OVERVIEW

In the international market for pulp and paper, Canada truly is one of the largest players. Canadian participants in this vibrant manufacturing sector supply nearly one-third of total world exports, making the country the world's leading exporter.

Shipments of pulp, paper and paperboard reached record levels in 1987. Total value of 1987 shipments was \$17 billion, with exports accounting for \$13.5 billion or about 19.2 million tonnes. Among the country's resource processing industries, the pulp and paper sector is by far the largest exporter.

The Canadian pulp and paper industry is comprised of more than 150 mills, and with operations in almost every province, the employment impact is significant right across the country.

Growth in the industry has taken place in the face of increasing international competition and other structural changes. Canadian companies, are undertaking major modernization and expansion projects both at home and abroad to maintain or increase their competitiveness in established and developing markets. In the future, Canada will not only compete against such other major players as Scandinavia and the U.S., but also emerging competitors in Asia, South Africa and South America.



Canadian pulp and paper production is dominated by two product categories: newsprint and wood pulp. On a world scale Canada is the largest newsprint producer and the largest exporter of newsprint and market pulp. The U.S. is responsible for most of the growth in newsprint sales. Overseas markets account for most of the recent increases in pulp exports.

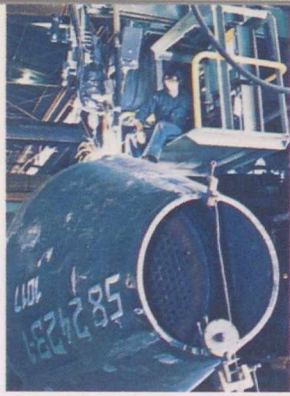
The other sectors of the Canadian industry, namely packaging paper and board and printing, writing and sanitary papers, are also enjoying modest growth.

Despite Canada's successes, it is not resting on its laurels and taking expanding markets for granted. The industry is becoming increasingly international, and as illustrated by a number of Canadian companies which have diversified abroad, its participants will have to be aggressive if they hope to outperform the competitions.

Although low wood and energy costs and easy access to the United States provide Canada with a good starting base, significant changes in industry technologies have led to increased international competition. Canadian companies have responded to these new challenges by improving their productivity, product quality and awareness of individual customer needs.

A number of Canadian operations are adapting or developing new technologies, and a shift toward adding value to paper products is underway.

Canada is responding to the challenges and choices it faces with intelligence and determination. The industry is changing, and Canadian companies are making the right moves to maintain the country's leadership role.



While Canadian producers of pulp and paper are well known worldwide, so too are the companies whose excellence in equipment and services has helped build their reputations.

Canadian suppliers to the international pulp and paper industry have grown to number more than 100 companies. Most are located in the large industrial areas of Ontario, Quebec and British Columbia and thus are in good position to service virtually any domestic or international market.

Always quick to respond to developments taking place in the pulp and paper industry, the supply sector itself has undergone many changes throughout its history.

In the past Canadian suppliers have excelled in supplying equipment and services to producers of newsprint and market chemical pulp, the domestic pulp and paper industry's major products. This expertise has also made the suppliers a valuable source for foreign producers of those products.

In addition to this traditional business, Canadian suppliers in recent years have displayed their technological strengths in such new fields as thermomechanical and bleached chemi-thermomechanical pulping. In fact, Canada is now a leading manufacturer of market BCTMP, a high technology pulp. A number of other trends are emerging, among them energy optimization, process control, environmental protection and a general swing toward higher value-added products. For Canadian suppliers of pulp and paper equipment and consulting services, these developments have created customers whose demands are far greater now than they ever have been.

Products and services available from the Canadian supplier sector are very broad-based. Everything from market studies to debarkers to complete paper machines are available from Canadian manufacturers. And to help keep abreast with the needs of its customers, suppliers maintain close ties with individual enterprises and industry associations in Canada and abroad.

Many companies which produce specialized pulp and paper equipment have been doing business worldwide for many years, and manufacturers of valves, raw materials handling systems and other auxiliary equipment have made strong gains in export capabilities in recent years. Suppliers of consulting and engineering services are also strong in this regard, as they continually secure a large number of major international projects.

While the U.S. has traditionally been a strong export market for Canadian suppliers of equipment and services, companies have also been active in the Pacific Rim, South America and all over Europe. Recent projects undertaken by Canadian consulting firms have been vital to the development of the pulp and paper industries in Australia and New Zealand.

Indeed, Canadian suppliers of pulp and paper equipment and services are active all over the world. But this international reputation has not come easily, it is the result of years of commitment to technology and service.



# PRODUCT CROSS-INDEX

---

## WOODROOM / WOODYARD EQUIPMENT

Brunett Machine Works  
Celcotec  
Dresser Canada Inc.  
FMP/Rauma  
G-E Canada  
Hooper, S.W. & Co.  
Huot, S. (1976)  
Lamb Canada  
Precision Service & Engineering  
Reliance electric  
Startco Engineering

## PULP PROCESSING EQUIPMENT

Advanced Dynamics  
Albright Wilson Americas  
Babcock & Wilcox  
Bailey Controls  
C-E Power Systems  
Chemetics Int.  
Doyle Engineered Products  
Dresser Canada  
Ecodyne  
EIMCO  
Ellett Group  
Foster Wheeler  
Gaco Systems  
G-E Canada  
Hamilton Gear  
Hepburn, John T.  
Hooper, S.W.  
Hymac Ltd.  
Industries USP  
Johnson Wires  
Koehring Waterous  
Lamb Canada  
Lefebvre et Frères Ltée  
Leitch, The Arthur S. Co. Ltd.  
Lundberg, A.H. Equipment  
Niagara Lockport  
Reliance Electric  
Sala Machine  
Startco Engineering  
Sweco Canada  
Tervco-Eclipse  
Titanium Ltd.  
Valmet-Dominion

## PAPER MILL EQUIPMENT

Advanced Dynamics  
Bailey Controls  
Beloit Canada  
Devron-Hercules  
Doyle Engineered Products  
Dresser Canada  
Fibron  
Foster Wheeler  
G-E Canada  
GL&V  
Hamilton Gear  
Henderson, Barwick  
Hepburn, John T.  
Hymac Ltd.  
Industries USP  
James Ross  
Johnson Wires  
Kaneng Industries  
Lamb Canada  
Leitch, The Arthur S. Co. Ltd.  
Mec-Fab  
Niagara Lockport  
Startco Engineering  
Sweco Canada  
Valmet-Dominion

## VALVES / PUMPS

Doyle Engineered Products  
Dresser Canada  
Fisher Controls  
G-E Canada  
Leitch, The Arthur S. Co. Ltd.  
Titanium Ltd.  
Velan

## ENERGY

Babcock & Wilcox  
C-E Power Systems  
Clayburn Refractories  
Dillingham Construction  
Dresser Canada  
Foster Wheeler  
Gaco Systems  
G-E Canada  
Leitch, The Arthur S. Co. Ltd.  
Lundberg, A.H. Equipment  
Precision Service & Engineering  
Reliance Electric

## CHEMICAL HANDLING

Chemetics Int.  
CIRCUL-AIRE  
G-E Canada  
GL&V  
Lundberg, A.H. Equipment  
Mec-Fab  
Titanium Ltd.

## LABORATORY / RESEARCH

CIRCUL-AIRE  
G-E Canada  
Industries USP  
Leitch, The Arthur S. Co. Ltd.

## ENVIRONMENTAL

Chemetics Int.  
CIRCUL-AIRE  
Dresser Canada  
EIMCO  
Gaco Systems  
G-E Canada  
Lundberg, A.H. Equipment  
Mec-Fab  
Paques Lavalin  
Reliance Electric  
Sala Machine  
Sweco Canada  
Titanium Ltd.  
Western Research

## PROCESS CONTROL / INSTRUMENTATION

Applied High Technology  
Bailey Controls  
Chemetics Int.  
CIRCUL-AIRE  
Dillingham Construction  
Fisher Controls  
G-E Canada  
Lundberg, A.H. Equipment  
Tervco-Eclipse  
Valmet Automation  
Western Research



## **ROLL HANDLING / FINISHING**

Advanced Dynamics  
Albright Wilson Americas  
Bailey Controls  
Beloit Canada  
Dillingham Construction  
G-E Canada  
Hepburn, John T.  
Lamb Canada  
Reliance Electric  
Startco Engineering  
Titanium Ltd.  
Valmet Automation  
Valmet-Dominion

## **TRAINING**

Applied High Technology  
Chemetics Int.  
Doyle Engineered Products  
Klockner Stadler Hurter  
SACDA Inc.  
Tervcon-Eclipse

## **CONSULTING ENGINEERING / CONSTRUCTION CONTRACTING**

Applied High Technology  
Chemetics Int.  
Clayburn Refractories  
Dillingham Construction  
Doyle Engineered Products  
GL&V  
HurterConsult  
Klockner Stadler Hurter  
Nystrom, Lee, Kobayashi  
SACDA Inc.  
Sandwell Swan Wooster  
Simons, H.A. Ltd  
Stohtert Group  
Tervcon-Eclipse

## **BEARINGS, CONVEYOR BELTS, DRIVE BELTS, PACKING**

Anchor Packing  
Dillingham Construction  
Startco Engineering

## **CORROSION CONTROL**

Chemetics Int.  
CIRCUL-AIRE  
Clayburn Refractories  
Dillingham Construction  
Titanium Ltd.

## **ELECTRIC MOTORS / DRIVES, FANS, BLOWERS**

Dillingham Construction  
G-E Canada  
Hamilton Gear  
Reliance Electric  
Startco Engineering  
Titanium Ltd.

# CAPABILITY GUIDE

---



---

## **Advanced Dynamics Corporation Ltd.**

1700 Marie-Victorin Blvd.  
St. Bruno,  
Quebec  
J3V 4P6

For information:  
Telephone: (514) 653-7220  
Telex: 05-25134  
Facsimile: (514) 653-8460

Advanced Dynamics Corp. is a supplier of paper roll and pulp bale-handling systems to the pulp and paper industry. Its custom-designed equipment includes roll-wrapping machines, pulper charging systems, paper machine broke conveyors and parent roll carts. Finishing room equipment includes skid and pallet handling and wrapping systems. Pulper feed systems include kraft bale and waste paper feed systems, roll splitting systems and wet lap bale handling equipment. The company provides custom-designed equipment for client's special requirements and designs, fabricates and tests all equipment at its plant site, using the latest state-of-the-art control equipment.



---

## **Albright Wilson Americas**

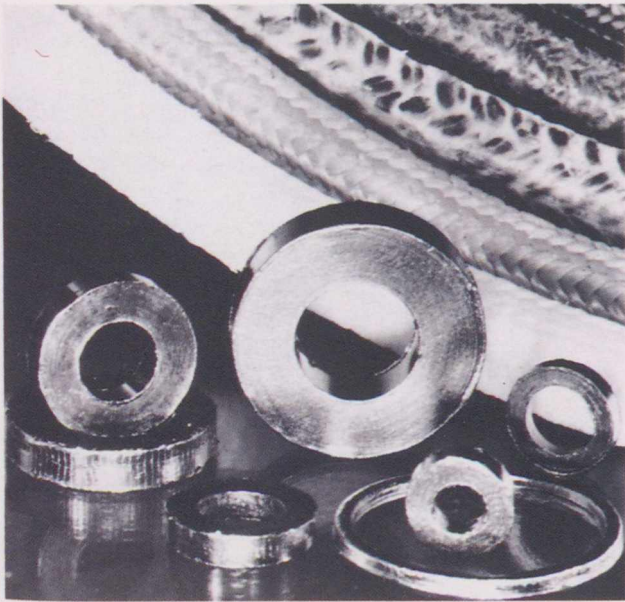
2 Gibbs Road,  
Toronto,  
Ontario  
M9B 1R1

For information:  
Telephone: (416) 239-7111  
Telex: 06-967663  
Facsimile: (416) 232-2146

Albright & Wilson Americas is internationally recognized for the innovative technology of the chemical processing systems it designs and engineers. Its experience in rosin-based specialty chemicals and sizing agents is well known. With its expansion into organic compounds, corrosion inhibitors, flame retardants and oilfield specialty chemicals, the company has enhanced its ability to service many industries in many ways. Albright is a subsidiary of Albright & Wilson Ltd., an international chemical company with research and development, manufacturing, and customer service worldwide.

# CAPABILITY GUIDE

---



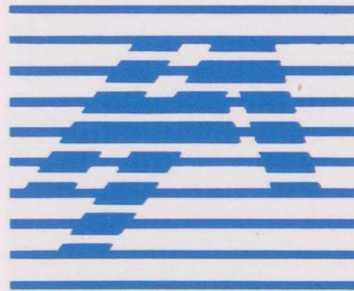
---

## **Anchor Packing Division Robco Inc.**

5600 Philippe Turcot,  
Montreal,  
Quebec  
H4C 1V7

For information  
Telephone: (514) 937-9151  
Telex: 055-66149  
Facsimile: (514) 937-7586

Established in 1911, Anchor Packing, Division Robco Inc., is a Canadian-owned and operated manufacturer of fluid sealing products. Numerous Anchor seals have been specifically engineered for the changing needs of the pulp and paper industry. Among the newest products are the expanding line of Enviropak non-asbestos packings, Jointex gasket sealant and Exact-A-Seal mechanical seals. Jointex and Exact-A-Seal products as well as Enviropak gaskets and packing are sold through Robco Inc. in export markets. Robco U.S. affiliates are now located in Pittsburgh, Pa. and Houston, Texas, as well as in Ceres, Ca. and Troy, MI. Distribution centres have been established in Indonesia, Malaysia, the Phillipines and Central America.



---

## **APPLIED HIGH TECHNOLOGY Ltd**

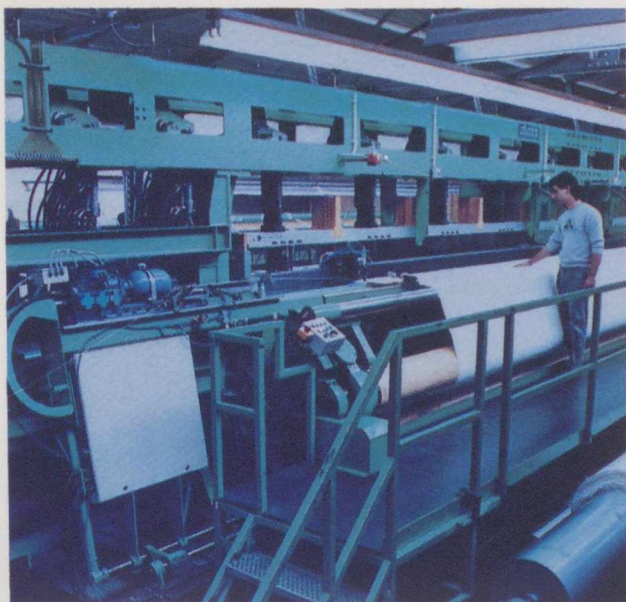
---

### **Applied High Technology Ltd.**

2000 Mansfield Street, Suite 506,  
Montreal,  
Quebec  
H9H 3Z3

For information:  
Telephone: (514) 844-2998  
Telex: 055-62171 MTL  
Facsimile: (514) 844-1590

Applied High Technology is a company formed to provide worldwide consulting services in systems engineering, simulation technology, specialized software, installation and commissioning of control systems and personnel training. Since 1983, successful major projects have been completed in the fields of pulp and paper, metallurgical plants, chemical products, food products, and general administrative software development. The company has developed a 'real-time' and 'faster than real time' dynamic simulator to be used in engineering design, operator training and, finally, plant optimization using "what-if?" scenarios.

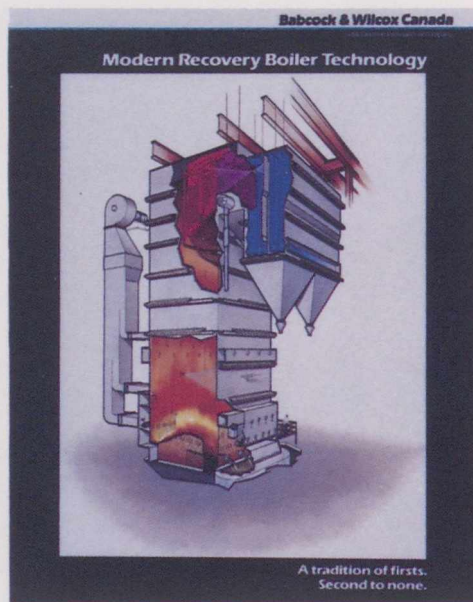


## Asten-Hill Inc.

213 Boulevard du Havre,  
Valleyfield,  
Quebec  
J6S 1R9

For information:  
Telephone: (514) 373-2424  
Telex: 05-268609  
Facsimile: (514) 373-4745

Asten-Hill Inc. was established in 1935 in Canada as a manufacturer of papermakers' dryer fabrics. Today Asten-Hill is part of Asten Group Inc., and dedicated to the manufacture of the complete range of paper machine clothing including forming fabrics, wet felts, and dryer fabrics. The Asten-Hill product line includes a variety of woven monofilament Synmesh dryer fabrics and high temperature-resistant multifilament Thermesh fabrics. Monofilament forming fabrics and 100% synthetic press felts comprise the balance of the Asten product line.



## Babcock & Wilcox

581 Coronation Blvd.  
Cambridge,  
Ontario  
N1R 5V3

For information:  
Telephone: (519) 621-2130  
Telex: 069-59318  
Facsimile: (519) 622-2409

Babcock & Wilcox is Canada's largest manufacturer of steam generation products and for decades has supplied equipment and services for customers in Canada and in more than 35 countries. B&W in Canada is the headquarters of the Babcock & Wilcox international division and directs the marketing and execution of all overseas projects involving the supply of fossil-fired boilers for industrial steam plant facilities. The international mandate reflects the confidence B&W and McDermott have in B&W in Canada. It results from the company's strong initiative in foreign markets over the past three decades during which more than 30 major projects have been completed. The division is also responsible for servicing all equipment supplied worldwide by B&W's U.S.-based divisions, involving approximately 1,200 units in total. The company offers complete fossil-fuel steam generating systems and services to utility and industrial customers, fuel preparation systems, boiler erection and repair, alteration, upgrading and maintenance services, and diverse general and heavy mechanical construction capabilities.

# CAPABILITY GUIDE



## Bailey Controls

860 Harrington Court  
Burlington  
Ontario  
L7N 3N4

For information:  
Telephone: (416) 639-8840  
Telex: 061-8506  
Facsimile: (416) 639-8639

Bailey Controls, a division of Babcock & Wilcox Industries Ltd. of Cleveland, Ohio, is a leading supplier of instrumentation and distributed control systems for the industrial process and utility markets in Canada and overseas. The company, which has its head office in Burlington, Ontario, employs about 450 people in the design, development, manufacturing, marketing and commissioning of high technology instrumentation and control systems. It has major engineering and manufacturing facilities and regional sales and service offices across Canada. Bailey offers systems-oriented solutions to problems in measurement, display and control, with total capabilities for system design, engineering, manufacturing and checkout, installation supervision, operator training and continuing field service. It also provides close support to engineering/procurement/construction firms who prefer to perform certain engineering functions themselves. Also offered are a diverse line of products such as sensors, final elements and auxiliary devices.



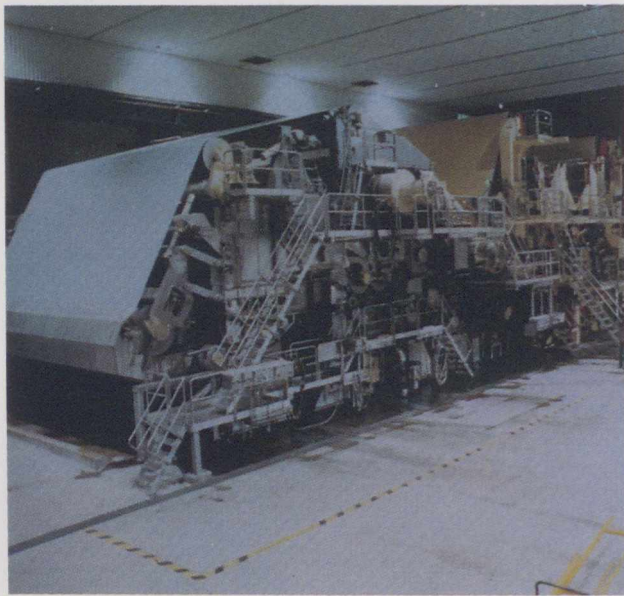
## Bedarco McGruer Inc.

5730 Place Turcot,  
Montreal,  
Quebec  
H4C 1V8

For information:  
Telephone: (514) 993-7551  
Telex: 055-66368  
Facsimile: (514) 932-2942

Bedarco McGruer offers a complete line of custom fabrication work. For over 25 years Bedarco and McGruer have been leaders in the plate and sheet metal fabrication industries as well as in transportation with the "Bedard" line of custom-designed tanker trailers. The company has experience in the petrochemical, pulp and paper, road and rail transportation, nuclear, food and sanitary, hydro-electric and mining industries. It handles projects of all sizes (from fabrication work to on-site installation and repairs).

# CAPABILITY GUIDE

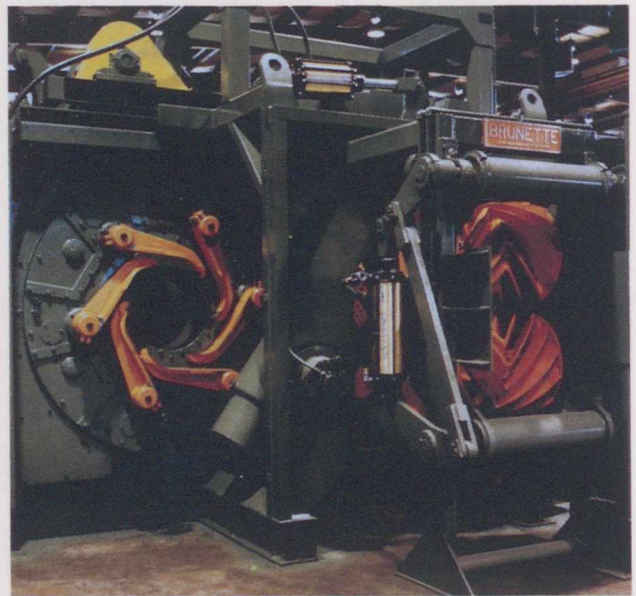


## **Beloit Canada Ltd.**

275 Hymus Blvd.,  
Pointe Claire,  
Quebec  
H9R 1G6

For information:  
Telephone: (514) 695-8520  
Telex: 05-821528 BELOIT PCLR.  
Facsimile: (514) 695-8520 ext. 3216

Beloit Canada was established in Sorel, Que. in 1962. In 1973 sales and engineering were moved to their present location, Pointe Claire, a western suburb of Montreal, with manufacturing remaining in Sorel. The Canadian unit has built 32 complete paper machines in its 28-year history with three of them exported to Poland. The company also has the ability to design and manufacture in both imperial (inch) and metric measurement systems and uses computer aided drafting systems (CAD), thus tying in with all Beloit entities worldwide. Paper machines are provided to cover tissue, printing and writing, coated, newsprint, corrugating medium, linerboard and multi-ply board. Rebuilds and/or components for all of the above are also provided. Bel Baie formers were introduced in the late 60s for newsprint formation. Beloit Canada also supplies coaters both on and off machine, winders and supercalenders. The Sorel plant is capable of manufacturing machines with wire widths in excess of 10 metres (400 inches).



## **Brunette Machine Works**

330 Edworthy Way,  
New Westminster,  
British Columbia  
V3L 5G5

For information:  
Telephone: (604) 522-3977  
Telex: 04-351189  
Facsimile: (604) 522-6806

Brunette Machine Works Ltd. is one of Western Canada's leading machinery manufacturers serving the forestry industry in the supply of capital equipment and maintenance services. The company's main product line is log ring debarkers, incorporating the Brunette-patented rotary air seal. This enables remote and/or automatic control of debarking pressure to accommodate different species and conditions, resulting in a significant reduction in fibre loss while achieving required bark content levels. Special models for stringy bark, double ring and combination machines are available to accommodate any situation. Feed speeds of more than 300 fpm, sizes from 17 to 72-inch, and a variety of mechanisms are available. The company boasts over 600 installations to date. Licences of the rotary air seal cover S.E. Asia, Australia, New Zealand, Europe and the U.S. Brunette machines are designed for ease of maintenance and low operating costs.

## COMBUSTION ENGINEERING

### Combustion Engineering

99 Bank Street,  
Ottawa  
Ontario  
K1P 6C5

For information:  
Telephone: (613) 560-4545  
Telex: 053-3394  
Facsimile: (613) 560-4494

C-E Canada Power Systems supplies steam-generating plant and related equipment and services for power and process industries including chemical recovery boilers for the pulp and paper industry in Canada, the U.S. and around the world. C-E is a full-scope supplier of turnkey boiler islands and offers a wide range of construction and inspection services.



### Celcotec Systems Inc.

331 Consortium Court,  
London,  
Ontario  
N6E 2S8

For information:  
Telephone: (519) 685-2700  
Telex: 064-74150 CELCOTEC LDN  
Facsimile: (519) 685-2703

Incorporated in 1986, Celcotec Systems Inc. specializes in the design and supply of cost-effective and reliable woodyard materials handling systems. The company's management group, with a combined experience of more than 80 years of woodyard materials handling, and its staff of experienced design/engineering professionals, are qualified to take full responsibility for the design, supply and start-up of any project: from a single conveyor to a complete woodyard. The systems are custom-designed using state-of-the-art CAD technology. Celcotec's woodyard materials handling systems are suitable for softwoods or hardwoods. The slasher/merchandizers cut logs effectively. The sorting systems separate and distribute logs according to length and diameter. Deicing systems precondition frozen wood and rock traps and washing systems remove impurities. Celcotec's chip handling systems feature first-in-first-out storage and reclaiming. The bark and woodwaste and boiler feed systems provide removal or shredding of oversize material and instant response to varying steam demands. Modular constructed storage bins provide high-density storage and stoke reclaimers are ideal for materials such as chips, bark, woodwaste and short logs.

# CAPABILITY GUIDE

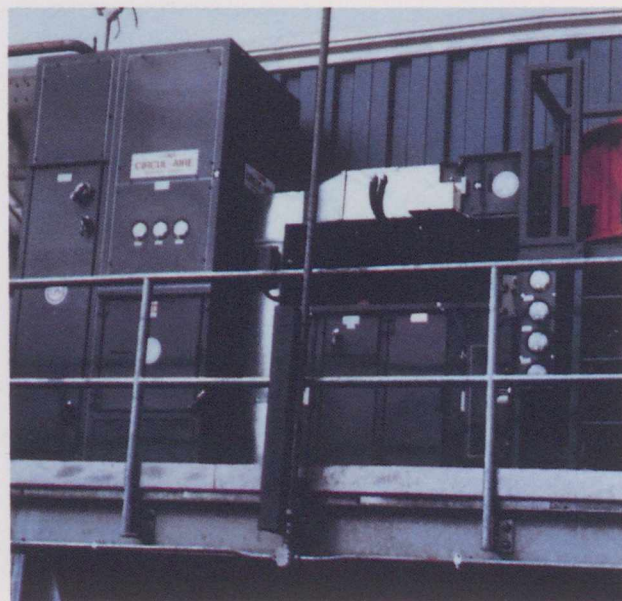


## **Chemetics International Company**

1818 Cornwall Avenue  
Vancouver  
British Columbia  
V6J 1C7

For information:  
Telephone: (604) 734-1200  
Telex: 04-507612  
Facsimile: (604) 734-0340

Chemetics International Company, together with its forest products division MoDo-Chemetics, is the world's leading supplier for a number of proprietary process technologies to the pulp and paper industry worldwide. MoDo-Chemetics supplies environmental processes in the form of odor control systems, foul condensate stripping systems, black and white liquor oxidation, and pulp delignification with MoDo-Chemetics medium and high-consistency oxygen bleaching processes. MoDo-Chemetics also supplies millwide information and fibre-line process control systems, proven in many installations in Scandinavia and around the world. Chemetics International is one of the world's leading suppliers of on-site bleaching chemical facilities. Chemetics provides proprietary processes for the on-site production of chlorine, caustic soda, sodium hypochlorite and integrated sodium chlorate/chlorine dioxide systems.



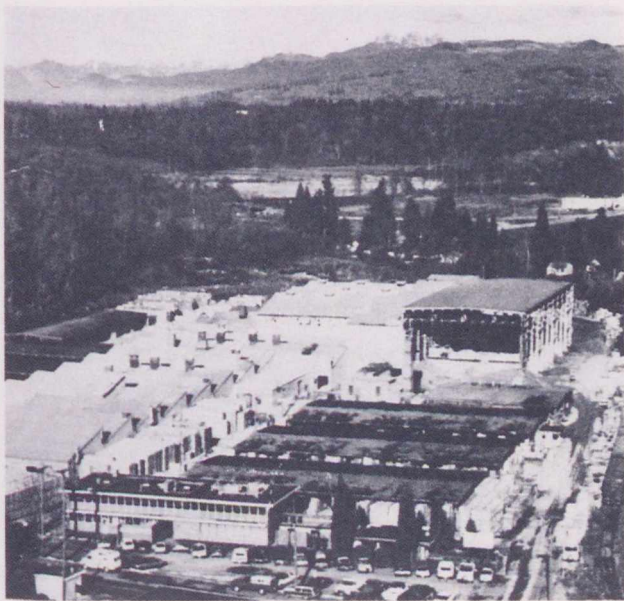
## **Circul-Aire Inc.**

3999 Cote Vertu,  
St-Laurent,  
Montreal,  
Quebec  
H4R 1R2

For information:  
Telephone: (514) 336-3330  
Facsimile: (514) 336-3023

CIRCUL-AIRE Inc. has provided solutions to the environmental corrosion problems faced by the pulp and paper industry worldwide for more than 20 years and claims to be the leading North American supplier of materials, equipment, technology and services for today's demanding air quality control applications. It has developed and commercialized a wide range of innovative air cleaning, air conditioning and environmental monitoring and control systems for computer rooms, control rooms and other areas requiring protection against the corrosive effects of gaseous contaminants. The Circumflex-1 design concept offers maximum flexibility, scalability and simplicity in pulp and paper corrosion applications. It allows for standard components to be combined in a complete skid-mounted package tailored to each project's specific requirements. The environmental control package controls toxic/corrosive gases, conditions air, and provides protection to electronics in pulp and paper mills.



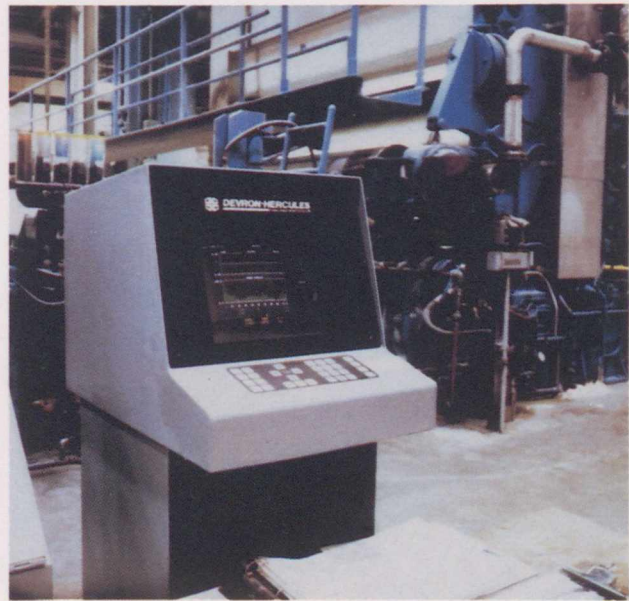


## Clayburn Refractories Ltd.

33765 Pine Street,  
Abbotsford,  
British Columbia  
V2S 5C1

For information:  
Telephone: (604) 859-5288  
Telex: 04-363540  
Facsimile: (604) 859-0424

Clayburn manufactures and installs refractory products. These include acid-resisting brick, fireclay and insulating brick, high alumina fired brick shapes, a wide range of castables, mortars and plastic refractory. Clayburn has research and development facilities as well as engineering and installation capabilities.



## Devron-Hercules Inc.

500 Brooksbank Ave.,  
North Vancouver,  
British Columbia  
V7J 3S4

For information:  
Telephone: (604) 980-3421  
Telex: 04-352620  
Facsimile: (604) 980-0120

Devron-Hercules works with papermakers, machine builders and other suppliers of measurement and control systems to provide co-operative solutions to mills' requirements for paper machine control by designing its systems with the concept of interfacing built-in. The company can interface cross-machine control for all types of paper machines, measurement computers, and control systems. Devron-Hercules has interfaced with all major measurement systems and can take signals from the measurement computer or raw data directly from the scanner. Its systems employ advanced PC-based multiprocessor technology for which standard components are available worldwide. The open architecture of the control systems encourages mills to customize the control of their actuator systems for optimum performance under their specific operating environment.

# CAPABILITY GUIDE

---



---

## **Dillingham Construction Ltd.**

20 Brooksbank Avenue  
North Vancouver  
British Columbia  
V7J 2B8

For information:  
Telephone: (604) 986-5911  
Telex: 04-352848  
Facsimile: (604) 980-5875

Dillingham is a large diversified construction organization. The company has been involved in the construction of forest product facilities since 1946 and is the largest builder of kraft mill facilities in western Canada, having completed many major pulp and paper projects including the total construction of seven major grassroot facilities and numerous kraft mill expansions, upgrades and modernizations at mills in British Columbia and Alberta. The company has the capability to undertake all aspects of large complex projects and performs virtually all of the construction work with its own forces, including specialties such as electrical, instrumentation and insulation work, piping, machinery and major process equipment.



---

## **Dorr-Oliver Ltd.**

174 West St. S.  
Orillia  
Ontario  
L3V 6L4

For information:  
Telephone: (705) 325-6181 or (416) 363-8781  
Telex: 0687-5577  
Facsimile: (705) 325-3363

Dorr-Oliver Canada Ltd. is a worldwide supplier, designer and manufacturer of vacuum/pressure pulp disc thickeners/washers, vacuum drum thickeners/washers, brown and bleach stock washers, bleaching equipment, fibre recovery equipment, DSM fractionating screens, complete recausticizing and fluosolids systems and environmental waste treatment equipment.

## CAPABILITY GUIDE

---



---

### Doyle Engineered Products Co.

374 Hamilton Road,  
New Hamburg,  
Ontario  
N0B 2G0

For information:  
Telephone: (519) 662-1353  
Facsimile: (519) 662-3481

Doyle produces high quality specialty products such as precision refiner plates and high speed paper machine rolls. The company manufactures, repairs and modifies mechanical components used in the most abrasive or corrosive areas of the pulp and paper industry. Modern casting methods, welding techniques and numerous non-destructive testing methods are employed to address specific process problems. Various hardfacing or metal overlay processes are used as required. Doyle also supplies wear components used in the modern pulp mill. These are cast or fashioned from high grade alloys. Specialized designs are combined with metallurgical knowhow and field experience to produce longer lasting, more productive and more efficient componentry.



---

### Dresser Pump Division, Dresser Canada Inc.

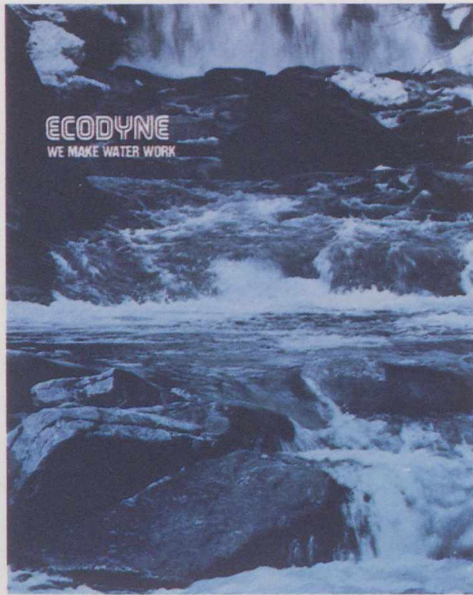
Worthington Dr.  
P.O.Box 40,  
Brantford,  
Ontario  
N3T 5M5

For information:  
Telephone: (519) 753-7381  
Telex: 061-81165 WORTHCAN BTFD  
Facsimile: (519) 753-0845

Dresser Pump Division was established in 1955 as Worthington Canada Ltd. with manufacturing beginning in Brantford, Ontario the following year. In 1963 the company introduced its first family of paper stock pumps for the pulp and paper industry and began to export to world markets. Today, Dresser Pump manufactures Worthington, Pacific and Pleuger pumps, which operate reliably in more than 70 countries. The company has a world product mandate, and is the sole source for, a broad range of paper stock and process pumps, abrasive slurry pumps and rotary screw and gear pumps. These pumps are designed for the tough services encountered in pulp and paper mills and are very energy efficient. The pumps are serviced internationally through a network of associates, distributors, agents and repair centres.

# CAPABILITY GUIDE

---



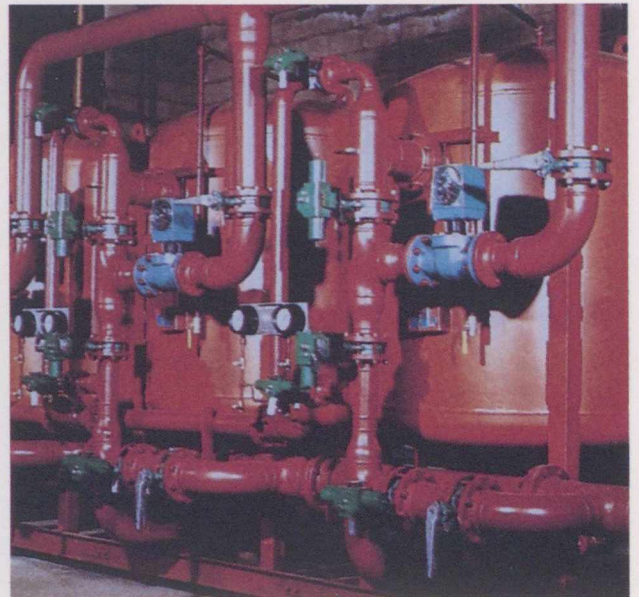
---

## **Ecodyne Limited**

2201 Speers Road,  
Oakville,  
Ontario  
L6L 2X9

For information:  
Telephone: (416) 827-9821  
Telex: 06-982212 ECODYNEOKVL  
Facsimile: (416) 827-8428

Ecodyne is a Canadian company with 30 years of extensive experience and expertise in all phases of water treatment. Its divisions provide design, sales, engineering, manufacturing, installation and servicing of a broad range of equipment to treat water and waste water and to cool water and other liquids. Ecodyne can therefore supply and service equipment or offer 'turnkey' service with total responsibility for the complete job in one corporate group. The company's forte is design and manufacturing with both handled in-house for close control and supervision of timing, materials and costs.



---

## **Eimco Process Equipment**

5155 Creekbank Road,  
Mississauga,  
Ontario  
L4W 1X2

For information:  
Telephone: (416) 625-6070  
Telex: 06-961455 EIMCO CDA MSGA  
Facsimile: (416) 625-3519

EIMCO Process Equipment is a leading supplier of processing equipment and water and waste water treatment equipment and systems. EIMCO recausticizing systems for chemical recovery incorporate the latest in solids/liquid separation technology. The EIMCO white liquor pressure filter and the EIMCO Reacticizer white and green liquor clarifiers are major advances in reducing space and energy requirements in the modern mill. Other system equipment components such as slakers, precoat filters, clarifiers and causticizers are custom engineered to each client's specific requirements. EIMCO EIMEX ion exchange systems are provided for boiler feedwater treatment, condensate polishing and other specialty applications. EIMCO water and wastewater treatment plants incorporate Reactor-Clarifier treatment units, combining slow speed turbine flocculation and high-volume recirculation for optimum solids contact and enhanced solids removal. Heavy duty thickener drives are built to pulp and paper industry standards.

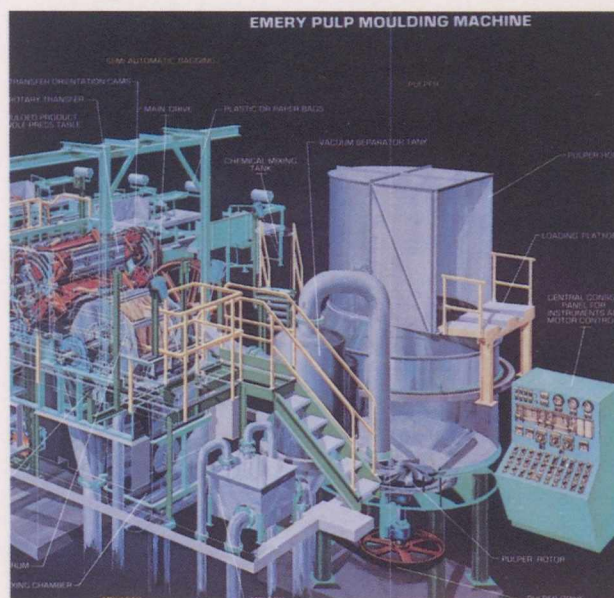
## ELLETT

### Ellett Group

1575 Kingsway Avenue,  
Port Coquitlam,  
British Columbia  
V3C 4E5

For information:  
Telephone: (604) 941-8211  
Telex: 04-353557 ELLETT PTCQ  
Facsimile: (604) 941-7669

The Ellett Group of companies is actively involved in the design and fabrication of special material products used in the processing of pulp. The company has played an active role in the manufacture of this equipment since 1921. Items the company specializes in include towers, storage tanks, vessels, heat exchangers and piping using high corrosion-resistant materials including stainless steel, titanium, CU Ni, monel and zirconium.



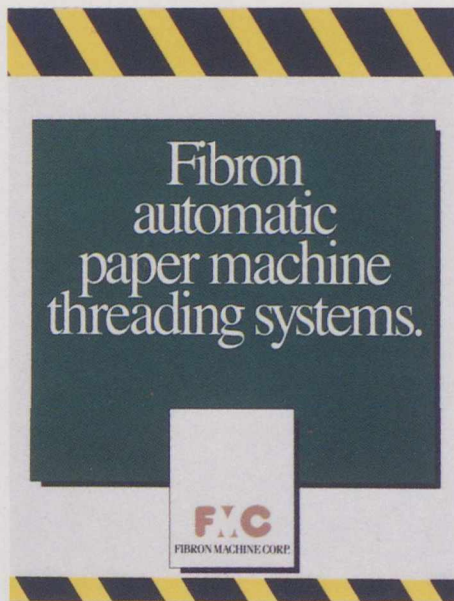
### Emery International Developments Ltd.

340 Ferrier Street, Suite # 1,  
Markham,  
Ontario  
L3R 2Z5

For information:  
Telephone: (416) 470-6066  
Telex: 06-986105 ROYEMERY  
Facsimile: (416) 470-6505

Roy W. Emery Limited, consultants and engineers, and Emery International Developments Limited, equipment manufacturers, engineers and general contractors, offer package or turnkey contracts for the supply of comprehensive engineering services and equipment for the establishment or rehabilitation of pulp and paper mills and pulp moulding plants. The company has supplied and established complete pulp moulding plants around the world.

# CAPABILITY GUIDE

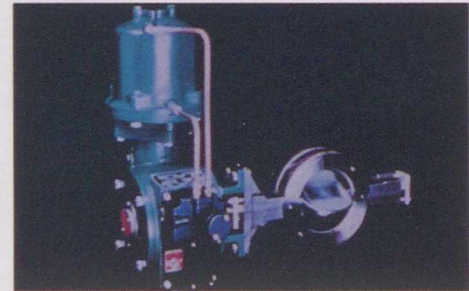
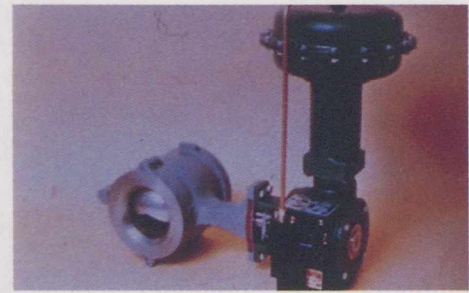


## Fibron Machine Corp.

225 Edworthy Way  
New Westminster,  
British Columbia  
V3L 5G4

For information:  
Telephone: (604) 525-6919  
Telex: 04-351164 WESTCOAST NWR  
Facsimile: (604) 525-7211

Fibron Machine Corp. designs and manufactures the state-of-the-art in paper machine threading equipment. Fibron utilizes the vacuum tail transfer concept as the heart of its threading system. In addition to the conveyors, the company also uses a variety of deflectors, paper shoes, calender threading shoes, tail rippers, tail choppers and /or tail cutters to balance the full machine speed threading. Special care is taken to design the Fibron system into the existing equipment in the mills. By combining the use of horizontal and/or vertical pivots the company's engineers can provide a high degree of flexibility to quickly and easily adjust the Fibron concept to a wide variety of applications. In all cases the system is designed and engineered to provide for a long-term dependable full machine speed threading process.



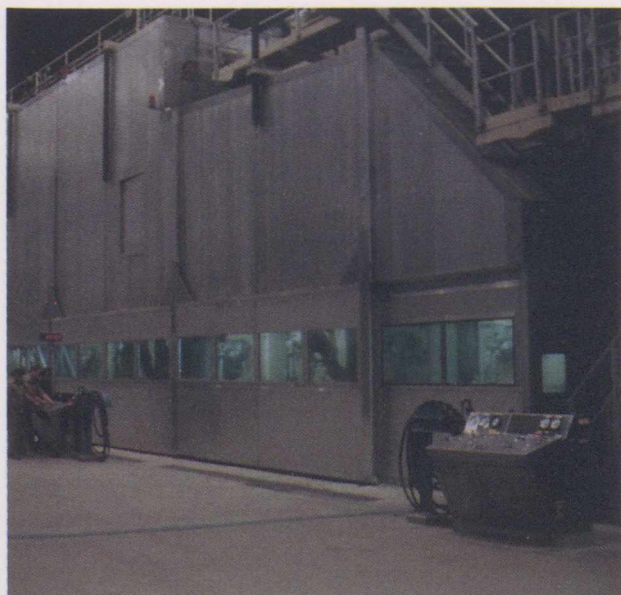
## Fisher Controls Co. of Canada

P.O. Box 578  
1039 Dundas Street,  
Woodstock  
Ontario  
N4S 7Z6

For information:  
Telephone: (519) 539-9892  
Telex: 064-74117  
Facsimile: (519) 537-2479

Fisher Controls' Canadian operations include a valve and instrument manufacturing facility in Woodstock, Ontario; an electronics systems facility in Cambridge, Ontario; and eight independent representative sales organizations in 13 strategic locations across the country. The facilities stock process control equipment for quick, off-the-shelf delivery. Highly trained personnel are committed to providing responsive professional service. The nationwide complement of engineers and technicians have vast experience in solving process control problems. Long-established industries served include oil and gas production and transmission, refining, power, pulp and paper, mineral processing, chemical, and petrochemical in addition to many expanding industries such as water treatment, food and beverage, and pharmaceuticals.

# CAPABILITY GUIDE

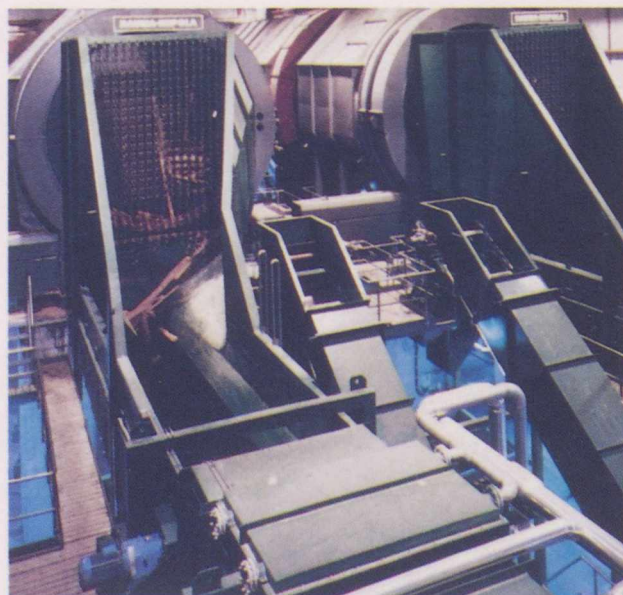


## **Flakt Ross Inc.**

304 St-Patrick  
Lasalle  
Quebec  
H8N 2H1

For information:  
Telephone: (514) 366-5160  
Telex: 055-66359  
Facsimile: (514) 366-3608

Flakt Ross specializes in the design, manufacture and installation of drying systems for the pulp and paper industry. In tissue drying, a high efficiency air cap has been developed using gas or oil as a heating medium. Some of these units are operating in excess of 6,000 fpm. For newsprint, fine paper and linerboard, a new concept of atmospheric control hood, an energy-efficient means of drying paper, has been developed to enhance sheet quality and to reduce operating cost. With the Flakt Ross heat recovery system overall energy is minimized.



## **FMP/Rauma Inc.**

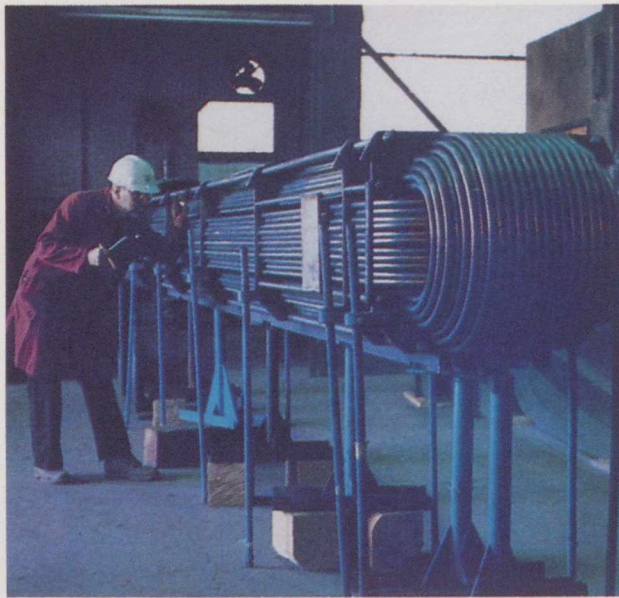
1-2145 Dunwin Drive,  
Mississauga  
Ontario  
L5L 1X2

For information:  
Telephone: (416) 828-9770  
Facsimile: (416) 828-9774

FMP/Rauma Inc. is a joint venture between Rauma Repola of Finland and FMP of Chicago Bridge and Iron to engineer and supply turnkey woodrooms and woodroom equipment in Canada. The joint venture offers the best of Scandinavian technology and Canadian experience to Canadian pulp and paper mills. FMP/Rauma's primary products include FMP corrugated barking drums, Rauma hydrostatic or rubber tire-supported barking drums, Rauma chippers, chip screens and screw reclaimers, FMP and Rauma bark presses, Rauma shredders, Rauma grinder feed systems, de-icing decks and conveyor systems.

# CAPABILITY GUIDE

---



---

## Foster Wheeler Limited

81 Eastchester Avenue,  
St. Catherines,  
Ontario  
L2R 7B7

For information:  
Telephone: (416) 688-4434  
Telex: 061-5134 FWL STCA  
Facsimile: (416) 688-4588

Foster Wheeler Limited, Canada, established in 1926, is a member of the Foster Wheeler World Group of companies. The headquarters and manufacturing facilities of Foster Wheeler Limited are located at St. Catherines in Ontario. Foster Wheeler offers a complete range of heat transfer equipment including steam generating units for both land and marine use employing solid, liquid or gaseous fuels, waste heat boilers, nuclear boilers, condensers and feedwater heaters, heat exchangers and gas turbine recuperators.



---

## Gaco Systems Limited

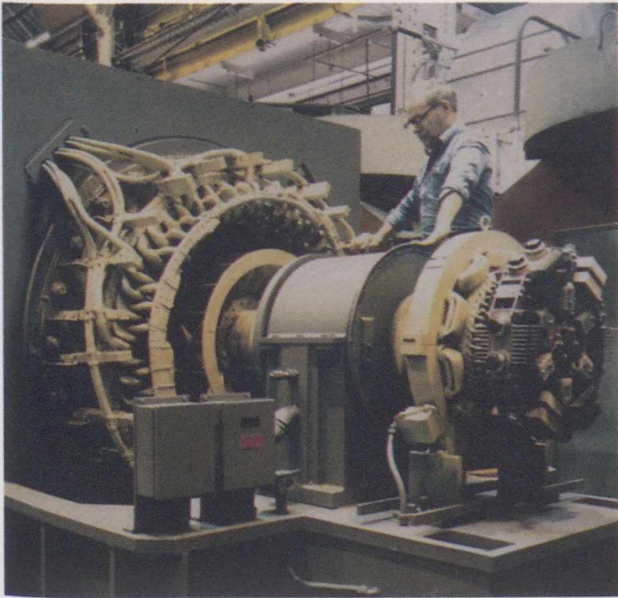
54 Morton Avenue East,  
P.O. Box 1810,  
Brantford,  
Ontario  
N3T 5W4

For information:  
Telephone: (519) 759-0270  
Telex: 061-81256  
Facsimile: (519) 759-0505

Gaco Systems is a major supplier of custom-engineered water and waste water treatment systems and equipment for many industries. Established more than 30 years ago, Gaco maintains sales, procurement and engineering design offices in Brantford, Ontario and Lockport, New York. Modern facilities for full integrated manufacturing are located across North America. Gaco's scope of supply encompasses clarifiers, filters, reverse osmosis systems, demineralizers, deaerators, ultrafiltration equipment and related components with flow rates up to 15,000 gpm. The company offers services from budget designs, estimates and preparation of specifications, through to installation, commissioning and troubleshooting of complete water and waste treatment plants.



# CAPABILITY GUIDE



## General Electric Canada Inc.

795 First Avenue  
Lachine  
Quebec  
H8S 2S6

For information:  
Telephone: (514) 485-4211  
Telex: 062-2023 GE CANADA HSGA  
Facsimile: (514) 485-4225

GE Canada designs and manufactures a wide range of electrical apparatus and heavy machinery products and systems for electric utility and industrial uses. Included in these products and systems are induction motors, large AC and DC motors, power conversion equipment, meters and appliance control, industrial drive systems and technical service.



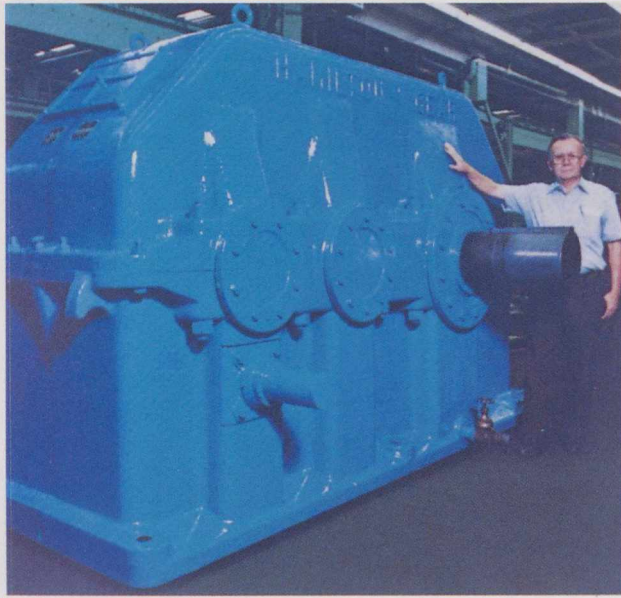
## GL&V (Groupe Lapierre & Verreault Inc.)

220 Brunswick Boulevard,  
Pointe-Claire  
Québec  
H9R 1A6

For information:  
Telephone: (514) 630-7944  
Facsimile: (514) 630-7947

GL&V offers design engineering of new pulp, board, newsprint, tissue, fine paper machines; rebuilds of complete machines or machine sections; computer-assisted design; system design (color mixing, chemical handling) and custom components design. It produces feasibility studies, project definition and estimating; detailed engineering (TMP mill, de-ink mill, paper machine); project and construction management; process analysis (simulation) and machine audit. Field service, troubleshooting and staff training are also offered. The company specializes in instrumentation (high and low voltage; the installation and start-up of DC drive systems; substations; with installation, connexion, calibration, modification and start-up; programming of PLC and installation; the configuration of process control systems, and control panel fabrication and installation. GL&V is also involved with used water treatment systems, unloading and chip-handling systems, reservoirs, TMP and TCMP, mechanical pulp preparation and roll handling systems and the fabrication and installation of piping.

# CAPABILITY GUIDE



## Hamilton Gear

950 Dupont Street,  
Toronto  
Ontario  
M6H 1Z3

For information:  
Telephone: (416) 534-8401  
Telex: 06-22250  
Facsimile: (416) 534-8020

Canada's largest gear manufacturing company, Hamilton Gear has been manufacturing helical and spiral bevel gear reducers since 1911. Products include spur, helical, herringbone bevel straight tooth, spiral bevel drier gears and worm gear sets. The company offers fully warranted rebuilding of herringbone, helical, spiral bevel/helical and worm-gear reducers.



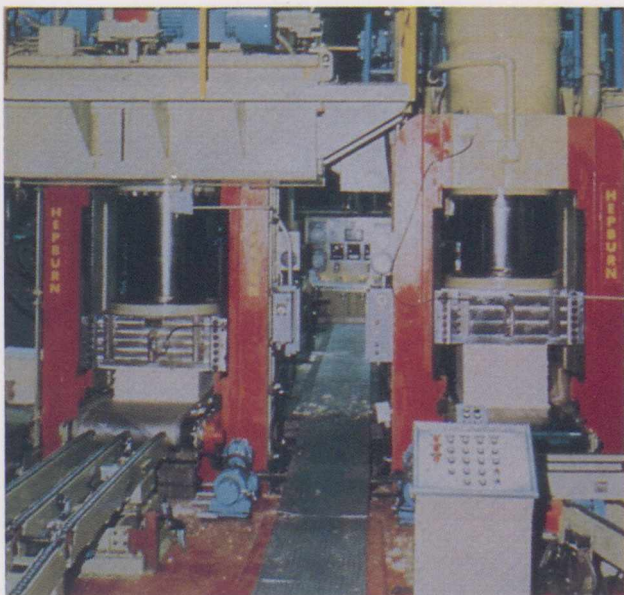
## Henderson, Barwick Inc.

176 Peel Street  
Montreal,  
Quebec  
H3C 2G7

For information:  
Telephone: (514) 935-4623  
Telex: 055-60822

Since 1922 H.B. Inc. has been a leading fabricator of corrosion-resistant pipe, tubes and fittings as well as custom sheet metal and structural components for North American industry. The company's substantial plants are equipped with the latest and best of metal fabricating equipment. H.B.'s customer list includes every type of industry, with particular emphasis on pulp and paper, water and sewage treatment, chemical, petrochemical, mining, food and other process industries. Its products include custom-made storage tanks, pressure vessels, conveyors, cabinets, ducts primarily in stainless steel, nickel alloys, aluminum, Hastelloy and titanium.

# CAPABILITY GUIDE

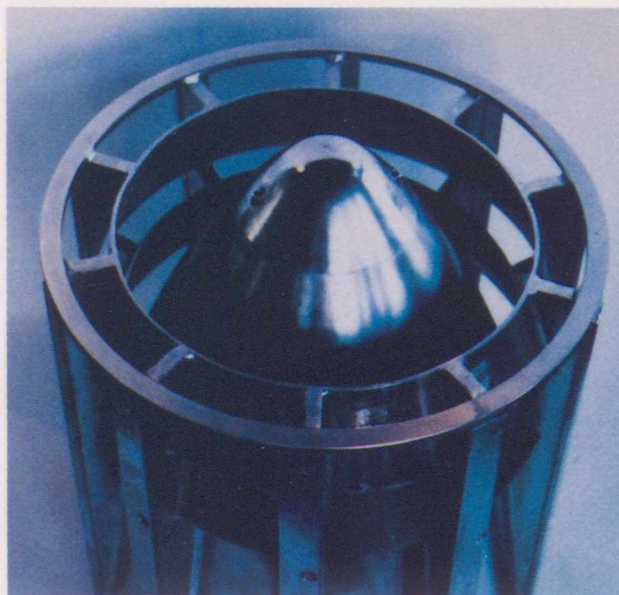


## Hepburn, John T. Ltd.

7450 Torbram Road,  
Mississauga,  
Ontario  
L4T 1G9

For information:  
Telephone: (416) 671-2200  
Telex: 06-968793  
Facsimile: (416) 671-0499

John T. Hepburn Ltd. has been designing, manufacturing and servicing cranes, hydraulic presses, mill machinery, mine hoists and marine equipment around the world since 1905. The company has a large staff of professional engineers and technicians and established design experience extending through structural, mechanical, hydraulic, electrical and control engineering. Large modern production facilities and computer-assisted design and manufacturing control systems are complemented by quality assurance and project management expertise. Hepburn supplies the pulp and paper industry with high-speed pulp baling presses, which operate in pulp finishing lines across Canada, the U.S. and abroad. A 1,200-ton capacity Hepburn baling press installed at International Paper's South Carolina mill is believed to be the fastest-operating baler on the continent. Hepburn also supplies cranes and special purpose handling equipment to the paper industry, including overhead cranes, reel handling, log handling, gantry and semi-gantry cranes.



## Hooper, S.W. & Co. Ltd.

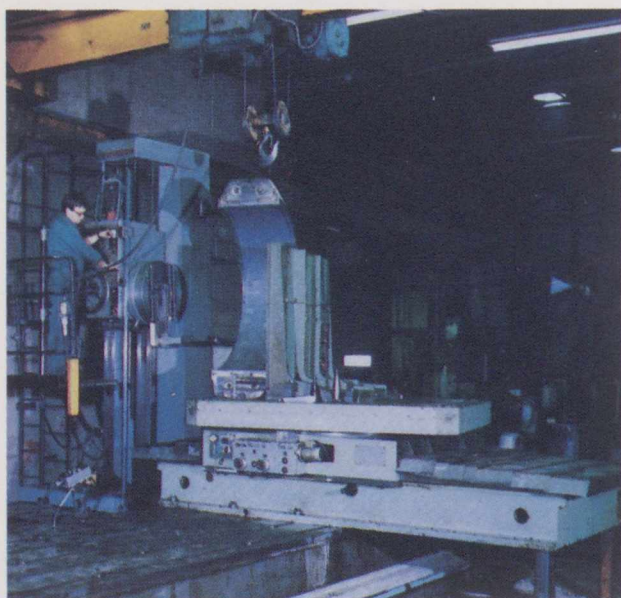
4999 Ste. Catherine Street West, Suite 500,  
Montreal,  
Quebec  
H3Z 1T3

For information:  
Telephone: (514) 481-0148  
Telex: 055-66390 HOOPER MTL  
Facsimile: (514) 482-0631

S.W. Hooper & Co. Ltd. was established in 1954. It designs, develops and manufactures all its own products exclusively for the pulp and paper and biomass energy industries. Company head office is in Montreal, Quebec with manufacturing and research in Sherbrooke, Quebec. U.S. headquarters is in Atlanta, Georgia. European distributor is Sprout-Bauer in Vienna. All other countries are served by local agents. The company's current product line consists of specialized, proprietary component equipment. It is best known internationally for its PSV 11 pressure screen which is used with the holes or slots on all types of virgin pulps. The patented screen design provides superior shive removal and fractionation. The pumping action of the rotor allows complete systems to be installed without intermediate tanks and pumps. Chemical and mechanical softwood and hardwood pulps can be handled at 4-5% consistency. Several hundred units have been installed worldwide.

# CAPABILITY GUIDE

---



---

## Huot, S. (1976) Inc.

1000, rue Ste-Thérèse  
Québec  
Québec  
G1N 4N3

For information:  
Telephone: (418) 681-0291  
Telex: 051-3364  
Facsimile: (418) 681-3742

S. Huot Inc. is a company involved in manufacturing handling equipment for the wood industry, sawmill and pulp and paper mill. It employs 150 people in operations located in Quebec City and designs, manufactures and erects woodroom equipment such as infeed decks or conveyors, in-line slashers or slasher decks, barker in-feed and outfeed, green wood station stackers, reclaimers and so on. It is also involved in chip-handling equipment and in refuse-handling equipment such as reclaim hoppers, chain, belt or screw conveyors and ash conveyors. Huot designs, builds, erects and installs hydraulic units for all kinds of operations.



---

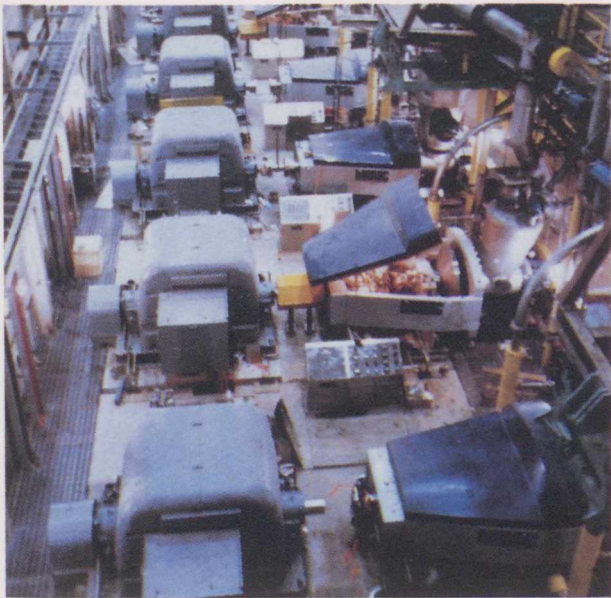
## HurterConsult Incorporated

51-5450 Canotek Road,  
Ottawa,  
Ontario  
K1J 9G3

For information:  
Telephone: (613) 749-2181  
Telex: 053-4112 HURTERCON OTT  
Facsimile: (613) 749-1382

HurterConsult Incorporated was founded by A.M. Hurter in 1978 to exploit his 35 years of experience in the design of pulp and paper mills worldwide, using a very wide range of raw materials. The firm provides feasibility studies, market studies, raw material studies, conceptual and process design, basic engineering and detailed process and plant engineering for pulp, paper and fibreboard projects, based on wood and non-wood fibres such as straw, bagasse, bamboo, reeds, cotton linters, flax, hemp, sisal, abaca and grasses. In addition, the firm will undertake training of personnel, plant start-up, and on-going management for pulp and paper projects. HurterConsult also offers the design of small to medium-sized pulp, paper and fibreboard projects, with appropriate technology that is profitable and easy to operate and maintain. The firm also undertakes rehabilitation and expansion of existing pulp and paper mills.

# CAPABILITY GUIDE



## Hymac Ltd.

2995 boul. Le Corbusier,  
Laval,  
Quebec  
H7L 3M3

For information:  
Telephone: (514) 337-4750  
Telex: 05-27366 HYMAC VDL  
Facsimile: (514) 687-4774

Hymac's primary pulp and paper business activities are in high-yield pulping, recycled fibre and stock preparation equipment. The single-disc cantilevered refiner, the HXD two-stage refiner, pulp sulphonation reactor vessel, TMP and/or CTMP/CMP system auxiliaries (chip washers, preheaters, plug screw feeders, digesters, pressure cyclones and heat recovery systems) form the heart of the high-yield pulping group activities. In recycled fibre processing, the company is active in deinking, board and supplementary kraft pulping lines, and in stock preparation Hymac provides a broad range of products for mechanical and chemical pulp and paper mills, including agitators, under the machine broke pulpers, low-pulse headbox screens, thickeners, slushers, centrifugal cleaner systems, high-consistency Hymac/Thune screw presses, twin-wire thickeners, and deflakers. Founded in 1906, the company has specialized since 1930 in the development and manufacture of process machinery for the pulp and paper industry. Some pioneering achievements include the Cowan screen, Hunter screen, the first two-stage pressurized TMP system with heat recovery for paper drying without recompression in Canada, the co-development of equipment for the Opco pulping process and now the HXD refiner with up to 32,000 hp motors.



## Industries USP Inc.

72, Queen St.  
Lennoxville  
Quebec  
J1M 2C3

For information:  
Telephone: (819) 562-4754  
Telex: 05-836227  
Facsimile: (819) 562-6064

USP manufactures drilled, perforated and slotted screen plates and cylinders: these products are used in the screening of pulp in the papermaking process. These screens can be supplied flat, curved or formed and in cylindrical form with rings. Industrial hard chrome plating: plating is done on pieces such as shafts, rolls, housings, rotors, screens, and several other pieces within the company's capabilities. Grinding and polishing services are available for surface finishing and for meeting specifications and tolerances. Screen cylinders are also being chromeplated for extra long life, especially in abrasive applications.



## James Ross Limited

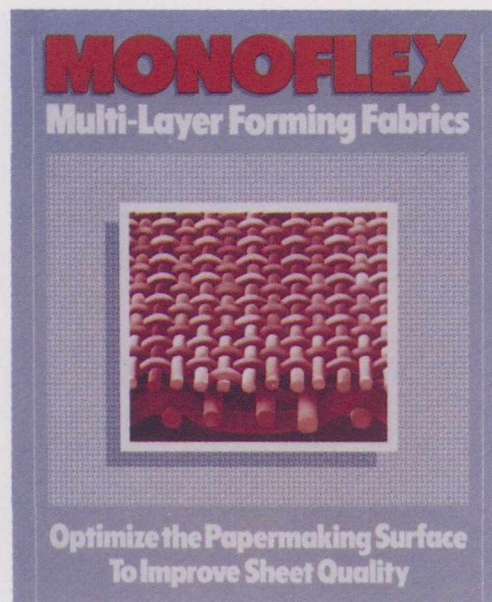
---

### James Ross Limited

2211 Parkedale Ave.,  
Brockville,  
Ontario  
K6V 6B2

For information:  
Telephone: (613) 342-7734  
Telex: 066-36568  
Facsimile: (613) 342-8439

James Ross Limited designs and manufactures proprietary engineered systems and equipment for the international pulp and paper industry. The company specializes in the manufacture of doctors and doctor holders for conventional pulp and paper machines. It has a patented design for high-speed tissue machines. The Rossilator shower system includes an electro-mechanical oscillator and showers of various designs. Other products include felt/fabric dewatering devices and plastic wear strips. About 40% of James Ross' products are exported, primarily to the U.S. with about 10% of sales being offshore North America. All sales activity is managed from company head office in Brockville, Ontario. James Ross has a network of agents in the U.S. but is also seeking affiliations with Japanese/Pacific Rim and Scandinavian companies with a view to technology transfer.



### Johnson Wires

530 de Courcelle,  
Montreal,  
Quebec  
H4C 3C3

For information:  
Telephone: (514) 933-7311  
Telex: 05-25391 JOHNSONWIREMTL  
Facsimile: (514) 933-0318

Founded in 1904, Johnson Wires now employs 300 people in the manufacturing and marketing of clothing and drainage equipment for the pulp and paper industry and is one of the leading developers of new products in Canada. Johnson Wires' products include woven synthetic single and multilayer forming fabrics for the wet end of fourdrinier machines, twin wires and hybrid formers. Different mesh and weave designs of these forming fabrics are available to produce a range of paper products from tissue to wallboard, including pulp. Synthetic and stainless steel screens are also produced for pulp preparation operations. The company manufactures dewatering equipment to optimize the drainage on the wet end of a paper machine. These products are stationary components such as foil units, foil blades, low and high vacuum boxes, and vacuum control equipment. All the above products are supported by applications, sales and technical service groups which are available at all times.

# CAPABILITY GUIDE



## **Kaneng Industries Inc.**

28 Rue Canvin,  
Kirkland  
Quebec  
H9H 4S4

For information:  
Telephone: (514) 695-4710  
Telex: 055-62171  
Facsimile: (514) 695-4153

Kaneng has a manufacturing licence to produce doctors and doctor blades for the Canadian and U.S. markets from Vickers of Greenwich, England. The company, presently in the planning stage of building a manufacturing facility to handle this product, also designs and sells dryer section steam and condensate systems and calendar stack systems such as cold and hot air caliper control systems, and hot water recirculation systems.



## **Klockner Stadler Hurter Ltd.**

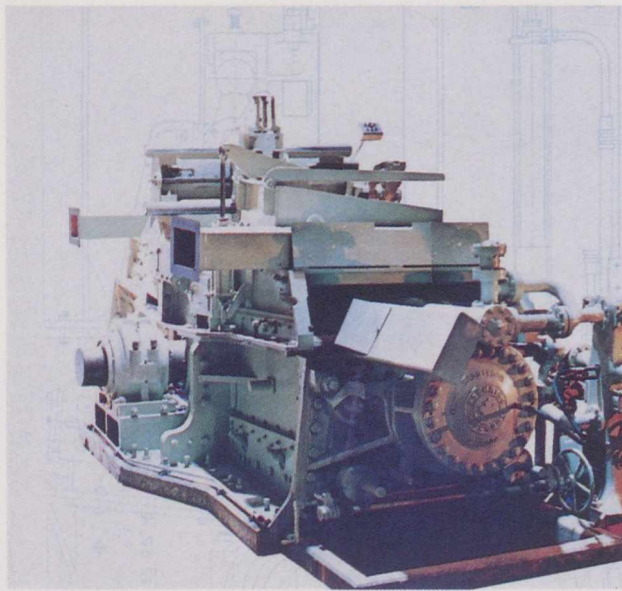
1600 Rene Levesque Blvd. W., Suite 1200,  
Montreal,  
Quebec  
H3H 1P9

For information:  
Telephone: (514) 932-4611  
Telex: 05-24838 KLOCKSTAD MTL  
Facsimile: (514) 932-9700

Klockner Stadler Hurter Ltd. is a large internationally oriented engineering consultant and turnkey contractor to the forest products and related industries. Over the years Klockner Stadler Hurter has accumulated comprehensive experience in the design, supply, and construction of pulp and paper mill wood-processing plants and forestry projects in many parts of the world. Projects have been designed to process softwoods and hardwoods, as well as non-wood fibres such as bagasse, bamboo, kenaf, sisal, reeds and straw. The company provides the complete range of engineering, contracting, project construction management services, as well as arranging for multinational financing for large international turnkey projects. The company's range of expertise includes forestry inventory, plantation and forest management and logging operations; log and chip transport and handling systems; sawmills; chipping plants; plywood, particle board and other reconstituted board plants; mechanical, CTMP, semi-chemical and chemical pulp mills; complete newsprint, fine paper, tissue and packaging grade mills; paper and board converting mills; chemical recovery plants; and pollution control.

# CAPABILITY GUIDE

---



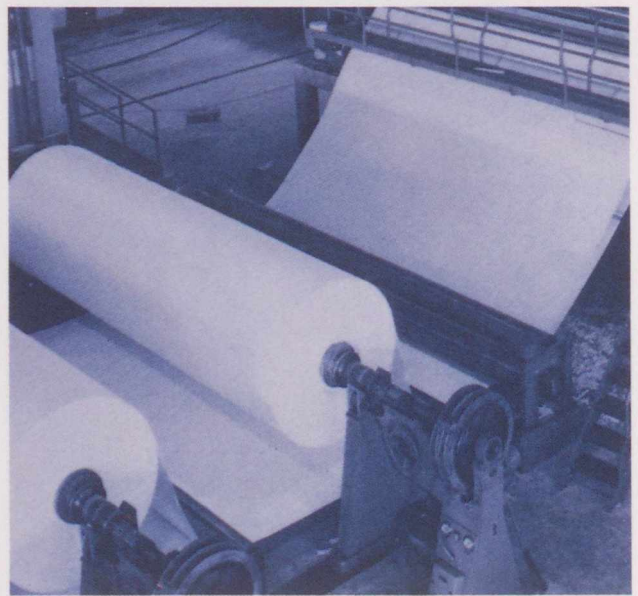
---

## Koehring Waterous

P.O. Box 490,  
Market Streets S.,  
Brantford,  
Ontario  
N3T 5P6

For information:  
Telephone: (519) 752-6571  
Telex: 061-81117  
Facsimile: (519) 752-3413

The Waterous Engine Work Company was incorporated in the late 1800s. Its original product line included grinders, chippers, barking drums, sawmills, boilers, fire engines and other pulp mill-related products. Today the company produces atmosphere pulpwood grinders designed to grind roundwood from 36 to 60 inches in length. Two types of grinders are manufactured; Great Northern and Super Magazine. Great Northern grinders are designed for single floor operation and Super Magazine grinders are loaded from a second floor. Modern pulpwood grinders are manufactured using 315L stainless steel in areas subject to process water corrosion and are designed to offer longer service life, lower maintenance and operating costs and superior corrosion resistance.



---

## Lamb Canada Ltd.

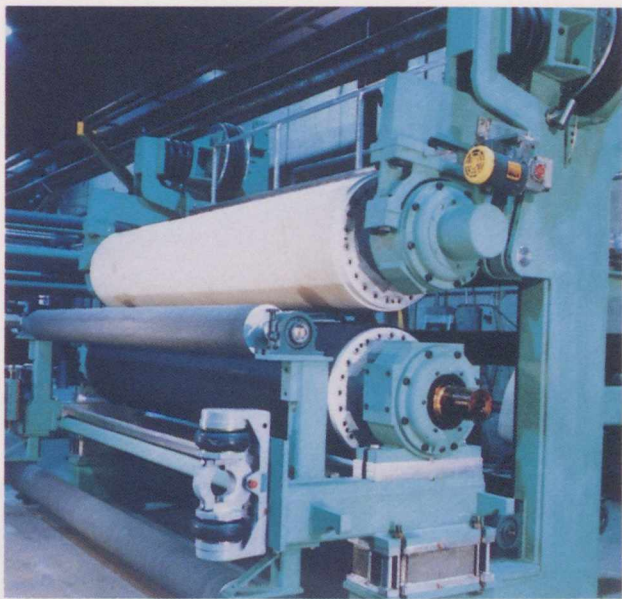
8545 Dalton Road  
Montreal  
Quebec  
H4T 1V5

For information:  
Telephone: (514) 737-2011  
Telex: 05-824-157  
Facsimile: (514) 737-2030

Lamb Canada Ltd./Ltée., Montreal, and its manufacturing associate, Lamb-Cargate Industries of Vancouver, British Columbia, have a long history of innovation and automation in material handling and packaging for the pulp and paper industry. At its principal offices in Montreal Lamb Canada maintains a staff of mechanical and electrical designers for machinery and system design of pulp and paper handling systems in Canada, the U.S. and other markets. The newest innovations in technology and design are available to them from affiliated engineering and development facilities in the U.S. and Europe. Marketing, technical and parts services for Lamb systems and equipment is also conducted from Montreal offices that have access to comparable Lamb facilities in the U.S. and Europe. Lamb pulp and paper wrapping and handling equipment is in operation in more than 600 mills around the world.



## CAPABILITY GUIDE



### Lefebvre et Frères Ltée.

3900 Tricentenaire,  
Montreal,  
Quebec  
H1B 5L6

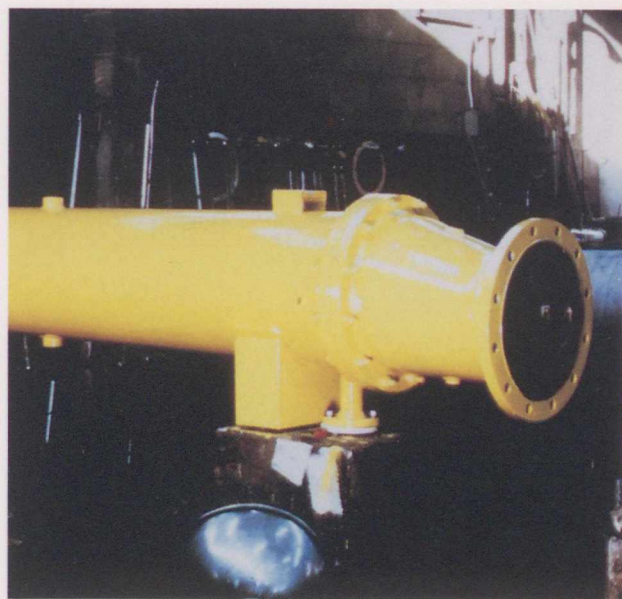
For information:

Telephone: (514) 645-9251

Telex: 05-828661 LEFEBVRE MTL

Facsimile: (514) 645-2436

Lefebvre Freres Limitee, established in 1914, is a machinist and fabricator of custom-built machinery for the pulp and paper industry and others. It has more than 150 skilled staff who work in a modern 65,000 square foot plant built in 1975. Equipment built in these shops includes chip handling systems, stock preparation equipment, paper machine components and finishing room equipment, all according to the customer's specifications and design.



### Leitch, The Arthur S. Co. Ltd.

423 Cornell Drive,  
Midland,  
Ontario  
L4R 4L7

For information:

Telephone: (705) 526-5496

Telex: 06-875549

Facsimile: (705) 526-0020

The Arthur S. Leitch Company is a privately-owned Canadian concern established in 1920 and with head office and plant at Midland, Ontario. The company designs and manufactures horizontal and vertical centrifugal pumps used for general water service, condensate service, boiler feed and booster pump service. Company-designed shell and tube exchangers are used extensively in the industry in Canada for heating and cooling various liquids and gases, and are manufactured to the ASME Code. Pressure vessels are also manufactured to the ASME Code. Equipment can be designed in-house or to the designs of customers.

# CAPABILITY GUIDE

---

# AL

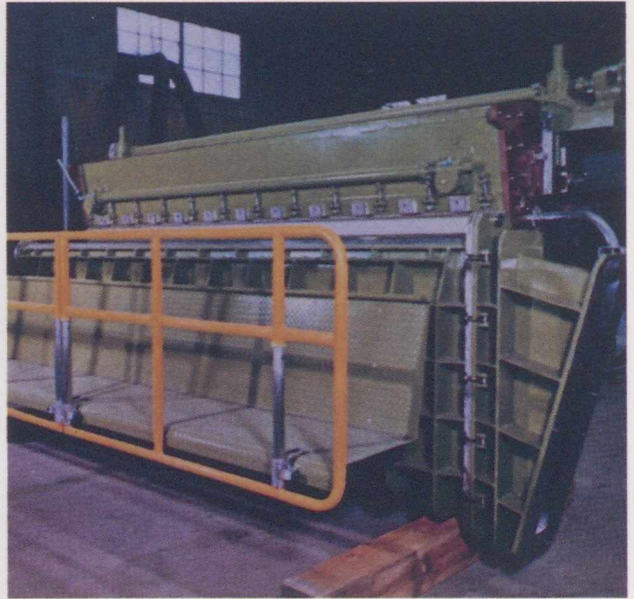
---

## **Lundberg, A.H. Equipment Ltd.**

150-1055 1 Shellbridge Way,  
Richmond,  
British Columbia  
V6X 2W8

For information:  
Telephone: (604) 273-5204  
Facsimile: (604) 273-7231

A.H. Lundberg is involved in the design, supply, and engineering of systems for the pulping industry. Through its specialized expertise in peripheral process areas within the pulp mill, the company has become a leading supplier of black liquor oxidation systems, chemical handling and chemical preparation systems. Other systems include condensate stripping, digester liquor heaters and circulating systems, direct contact jet condensers, evaporators, flame arresters and safety disks, heat exchangers, heat recovery (blow heat, TMP, waste heat boilers), heavy liquor heating systems, incinerators, NCG collection systems, pressure/vacuum relief valves, turpentine recovery, soap collection and skimming, pressure vessels, scrubbers and absorbers, and foam breakers.



## **Mec-Fab Inc.**

1401 Graham Bell,  
Boucherville,  
Quebec  
J4B 6A1

For information:  
Telephone: (514) 655-7910  
Telex: 05-267624 MECFAB MTL  
Facsimile: (514) 655-5189

Mec-Fab Inc., incorporated in 1975, is a custom fabricator of processing equipment such as headboxes, inlet headers, cross flow spreaders, surge tanks, vacuum chambers, deculator systems, rectifier rolls, slice lips, save all pans, shafts, cookers, digesters, pulleys and pulpers. The company repairs and rebuilds headboxes and has successfully shortened existing headboxes for narrower machine applications.

# CAPABILITY GUIDE

---



---

## Niagara Lockport Quebec Industries Inc.

1 Lee Blvd.  
Warwick  
Quebec  
J0A 1M0

For information:

Telephone: (819) 358-5566  
Telex: 05-838580 LOCKPORT WWCK  
Facsimile: (819) 358-5146

Niagara Lockport has been supplying paper machine clothing around the world for more than 100 years. The clothing comprises forming fabrics, wet felts, dryer felts and carrier rope.



---

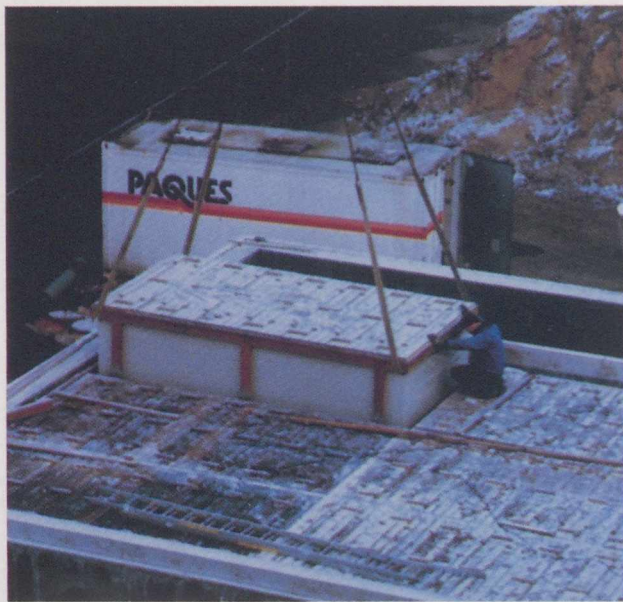
## Nystrom, Lee, Kobayashi (NLK)

2130 West 12th Avenue  
Vancouver,  
British Columbia  
V6K 2N3

For information:

Telephone: (604) 733-0344  
Telex: 04-53432  
Facsimile: (604) 734-4316

Established in Vancouver in 1975, NLK specializes in pulp and paper consulting engineering services. It maintains offices in Montreal, Seattle and Tokyo and prides itself on up-to-date analysis of market trends. It has expertise in process development and a staff of more than 400 specialists, engineers and technicians.



## **Paques Lavalin**

2235 Sheppard Avenue East,  
Willowdale,  
Ontario  
M2J 5A6

For information:  
Telephone: (416) 756-9687  
Telex: 06-23765  
Facsimile: (416) 756-4998

Paques Lavalin is an engineering company specializing in the design and supply of anaerobic wastewater treatment systems. Over the past 10 years it has pioneered the development of BIOPAQ anaerobic wastewater treatment systems based on the upflow anaerobic sludge blanket (UASB) process. It currently has 35 fullscale installations either in operation or under construction and also has licencing agreements in various parts of the world. Lavalin Inc. is Canada's largest consulting and design-build engineering company with over 6,000 engineers, technical and support personnel in offices across Canada and approximately 65 locations throughout the world. These and other Lavalin capabilities such as economic analysis and project financing are available to Paques Lavalin on an interdivisional basis. Combining the resources of both Paques BV and Lavalin Inc. means Paques Lavalin can offer consulting on all aspects of wastewater treatment; laboratory wastewater analysis and treatability studies; pilot and demonstration plant scale investigations; fullscale BIOPAQ plant engineering, procurement and construction; pretreatment and aerobic post-treatment facilities; commissioning, start-up and troubleshooting expertise and project financing.

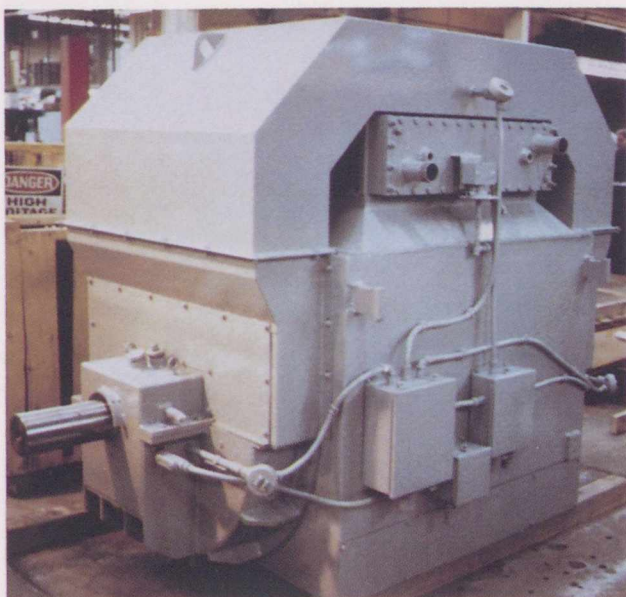
## **Precision Service & Engineering Ltd.**

P.O. Box 1836,  
1020 1st Avenue N.W.  
Prince Albert,  
Saskatchewan  
S6V 6J9

For information:  
Telephone: (306) 763-7471  
Telex: 074-21507  
Facsimile: (306) 763-6565

Precision Service & Engineering has a manufacturing plant in Prince Albert, Saskatchewan, and one in Macon, Georgia. Engineering and engineering studies are carried out in its Richmond, British Columbia office. PS & E has been very active in the waferboard, oriented strand board (OSB), MDF board and particle board industries, manufacturing a number of conveyor, screening and log-handling systems. The company has also done work in the log handling area for a number of pulp mills. The product line includes belt, flight and drag chain conveyors; chip screens; metering bins; log-handling systems; and slashers together with complete engineering capability.

# CAPABILITY GUIDE

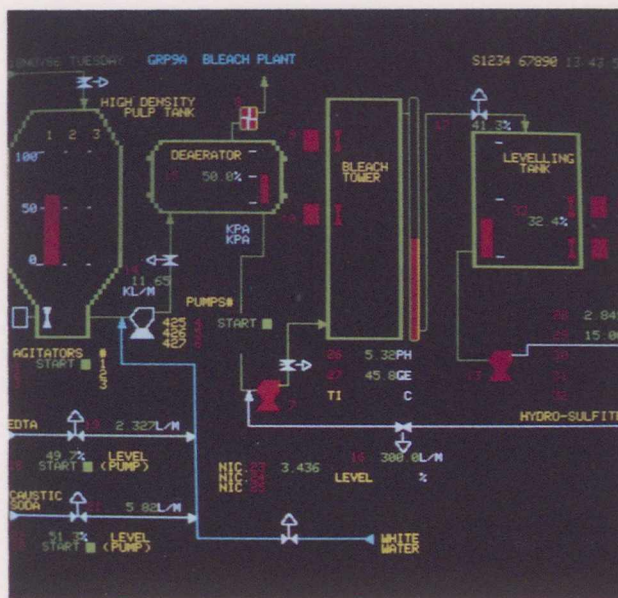


## Reliance Electric Ltd.

678 Erie Street  
Stratford  
Ontario  
N5A 6W1

For information:  
Telephone: (519) 271-3630  
Telex: 069-55116  
Facsimile: (519) 271-8213

The company's major products are large AC motors and engineered drive systems. The AC motors, up to 10,000 hp, are engineered, designed and manufactured from the basic electrical steel and copper to the finished products and shipped mainly to Canadian and U.S. customers. Engineered variable speed drive systems are also designed and engineered in Stratford. The equipment is used to power and control various manufacturing process lines such as paper machines, pulp machines, steel billet casting lines, film and plastic lines, slitters and cut-to-length lines, rod mills and shears.



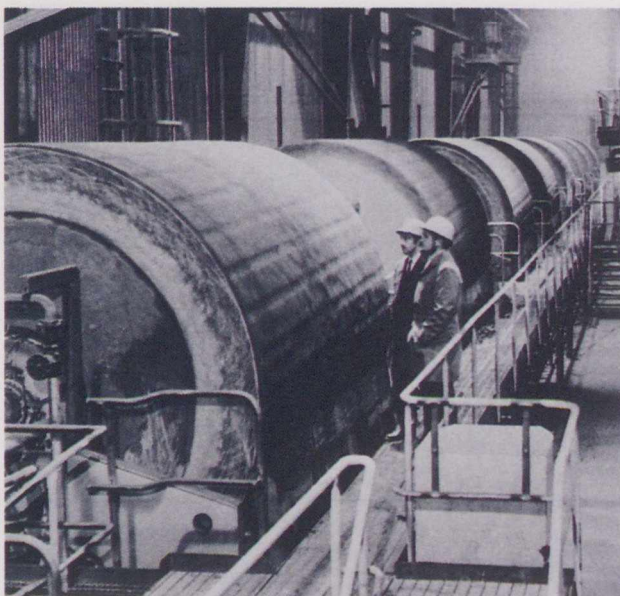
## SACDA INC.

343 Dundas Street, Suite 500,  
London  
Ontario  
N6B 1V5

For information:  
Telephone: (519) 679-6570  
Telex: 064-5634  
Facsimile: (519) 679-3977

SACDA Inc. provides process simulation software and services to the pulp and paper and other water-based industries on a worldwide basis. MASSBAL-MK 11, a steady-state program that calculates heat and mass balances, uses a simultaneous method of calculation and can handle large problems quickly. It performs data reconciliation and optimization, and has a graphical front end, CADSIM, which allows users to draw the flowsheet on the screen. CADSIM then executes MASSBAL MK 11 and displays the results. Both are primarily used by process and process design engineers. The TRAINER system is a suite of dynamic process simulation programs used in operator training. The system uses the actual DCS console, graphics and keyboard used in the mill. The software is housed in a simulation computer which is used by SACDA engineers to build models of a process or processes. The models and software are interfaced to the DCS console and an instructor console. The instructor can set training exercises and initiate malfunctions for the trainee. The operator gains invaluable hands-on experience before start-up. The results have been faster start-ups, fewer accidents/fewer shutdowns, and an increased ability to handle emergencies.

# CAPABILITY GUIDE



## **Sala Machine Works Ltd.**

3136 Mavis Road,  
Mississauga,  
Ontario  
L5C 1T8

For information:  
Telephone: (416) 270-2170  
Telex: 06-961182 SALAMACH CKVL  
Facsimile: (416) 270-9996

The Sala organization designs and manufactures heavy duty equipment for mineral processing, pulp and paper and other process industries. For the pulp and paper industry Sala provides equipment for effluent treatment including mechanical bar screens, peripheral drive clarifiers, sludge thickeners, vacuum filters and other dewatering equipment, high-speed surface aerators and pumps. The line of centrifugal pumps includes vertical sump pumps with cantilevered shaft, submersible pumps, horizontal pumps and vertical slurry pumps with integral tank. The various pumps are available with channel or vortex impellers to suit different operating conditions and in a number of different corrosion and abrasion-resistant materials. Sala also manufactures high-gradient magnetic filters for steam condensate polishing.



## **Sandwell Swan Wooster Inc.**

# 700- 1190 Hornby St.  
Vancouver  
British Columbia  
V6Z 2H6

For information:  
Telephone: (604) 684-9311  
Telex: 04-51275 SWANCO VCR  
Facsimile: (604) 688-5913

Sandwell Swan Wooster Inc., founded in 1986, combines the experience and resources of Sandwell and Co. Ltd. and Swan Wooster Engineering Co. Ltd., two Canadian-based consulting engineering firms, resulting in the formation of one of the largest and strongest engineering companies in Canada. The combined organization provides professional services to governments and private sector clients in the fields of pulp and paper and other areas. Sandwell Swan Wooster's services range from the preparation of prefeasibility studies to management of major project developments including planning, economic and financial analysis, detailed design, procurement, quality control, construction, commissioning, operations and training.

# CAPABILITY GUIDE



## Simons, H.A. Ltd.

425 Carrall Street,  
Vancouver,  
British Columbia  
V6B 2J6

For information:  
Telephone: (604) 664-4315  
Telex: 04-51150  
Facsimile: (604) 669-9516 and 683-1510

H.A. Simons was founded in Vancouver, British Columbia in 1944 to serve the pulp and paper industry. Since its inception the firm has expanded its fields of expertise to all aspects of the forest industry, water resource and hydro- electric development. Simons has offices in Montreal, Toronto, Vancouver, Atlanta (Georgia), Portland (Maine), and Melbourne (Australia). It also has joint ventures in Brazil (Natron-Simons), New Zealand (Beca-Simons), Seattle, Washington (Diamond Automation), and Calgary, Alberta (PCL-Braun-Simons). The company offers a complete range of services and design disciplines including strategic planning; feasibility studies; capital cost estimating and conceptual design; detail engineering; project management and construction and operational management services.



## Startco Engineering Ltd.

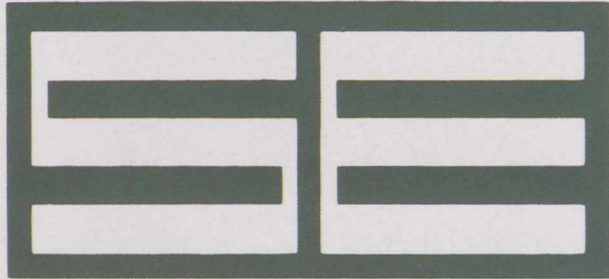
406 Jessop Avenue  
Saskatoon  
Saskatchewan  
S7N 2S5

For information:  
Telephone: (306) 373-5505  
Facsimile: (306) 374-2245

Startco Engineering is an electrical manufacturing company that was incorporated in 1975 after two years of successful research and development on digital solid-state starters. The MPU-16A motor protection relay is a result of its industrial electronics expertise. It uses a thermal modeling technique to extend motor protection beyond the limits of other electronic overload relays. Motor N/P data is used to access one of the 1170 time-current protection curves. This dynamic overload curve is operational with or without RTD compensation. All values are stored at time of trip and all running values are accessible.

# CAPABILITY GUIDE

---



## STOThERT GROUP

---

### Stothert Group Inc.

9th Floor, 1155 West Georgia Street,  
Vancouver,  
British Columbia  
V6E 3N7

For information:  
Telephone: (604) 681-8165  
Telex: 04-508586 STOTHENG  
Facsimile: (604) 687-3589

Stothert Group Inc. is a Canadian company founded in 1966 that provides engineering and management consulting services to the manufacturing and process industries. Based in Vancouver, British Columbia, Stothert has eight offices worldwide with a staff of more than 200. The group comprises five major divisions. Stothert Management Ltd. provides management services including economic and market feasibility studies, construction management, operations management and training services. C.D. Schultz & Company Ltd. forestry consultants, is Canada's longest-established forestry and environmental consulting firm. Woodcon Consultants Ltd. specializes in design and implementation of turnkey wood conversion projects. And International Trade Services Company provides marketing and purchasing services in the export and import of commodities, equipment and plant. Stothert has carried out work for clients in 40 countries, including numerous projects in Canada. In recent years its engineering and management divisions have provided engineering design and project management on more than \$1 billion worth of capital projects abroad.



### Sweco Canada Inc.

40 Titan Road,  
Toronto,  
Ontario  
M8Z 2J8

For information:  
Telephone: (416) 231-5605  
Telex: 06-984541 SWECOCAN TOR  
Facsimile: (416) 231-8406

SWECO CANADA INC. manufactures a high efficiency, high capacity white water filter, ideally suited for clarifying white water for recycling to machine showers. SWECO also manufactures round and rectangular vibrating screens for effluent, thickening and fine filtration of coating kitchen products. Another product is Sta-Sieve, a stationary wedge wire side hill-type screen for trash removal and thickening.



# CAPABILITY GUIDE



## Tervcon-Eclipse Ltd.

1145 Westport Crescent,  
Mississauga,  
Ontario  
L5T 1E8

Telephone: (416) 671-0680

Telex: 06-968910

Facsimile: (416) 671-8009

Tervcon-Eclipse Ltd. manufactures burner management safety systems and flame safeguard controls. In addition it offers sales, engineering research and development and after-sales service. The main products are the 'flame control units' which provide a flame signal indicator. The solid state/microprocessor is based on a five-card library which is performed by CMOS digital integrated circuits. The company's 'purge and no purge' controls, programmed from 0 to four minutes, will operate any small boiler or air make-up heater.



## Titanium Limited

8855 Henri Bourassa Blvd. West,  
St. Laurent,  
Quebec  
H4S 1P7

For information:

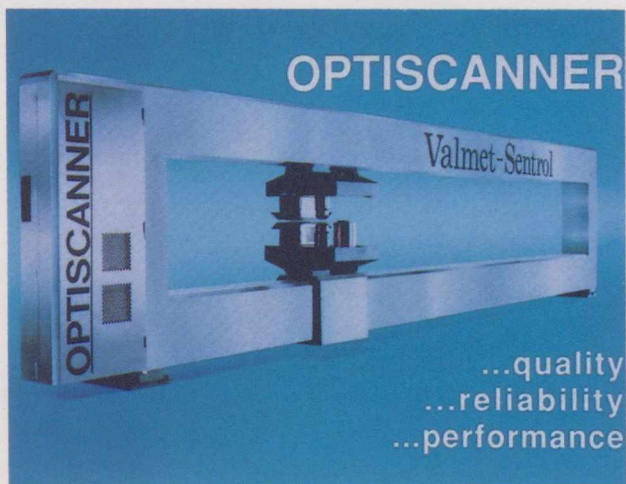
Telephone: (514) 334-5781

Telex: 05-824731 TITANIUM MTL

Facsimile: (514) 334-3410

Titanium Ltd. has the largest and most complete stock of titanium mill products in Canada. All stock material is to ASTM specifications and can be ordered in standard sizes and lengths, semi-finished cut pieces or formed parts. The company is the largest custom fabricator of titanium in Canada. Its ASME-coded shop works solely with titanium fabrication. Titanium Ltd. also offers field service, including repair welding and corrosion consulting.

# CAPABILITY GUIDE



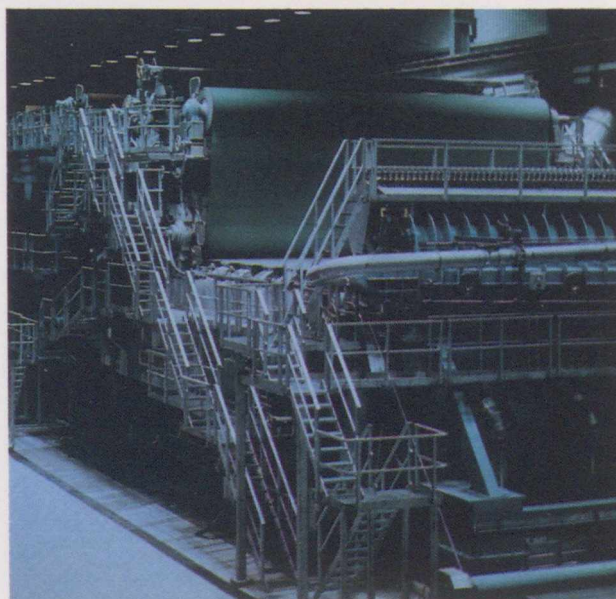
## Valmet Automation (Canada) Ltd.

4401 Steeles Avenue West,  
Toronto  
Ontario  
M3N 2S4

For information:

Telephone: (416) 661-7000  
Telex: 065-27161 SENTROL TOR  
Facsimile: (416) 661-7005

Valmet Automation (Canada) Ltd. manufactures on-line quality measurement and control systems for the paper and board industry. The Sentry XD system incorporates scanning cross-direction measurement of grammage, moisture, caliper, ash, coatweight, color, smoothness, opacity, formation, gloss and strength. It also provides a high resolution operator interface featuring high resolution profiles, SPC charting, Fourier analysis, process graphics and many other product quality and paper machine diagnostic displays. A complete line of closed loop machine direction, cross-direction and process optimization controls are included, making the Sentry XD part of Valmet Automation's "single window" approach to pulp and paper mill control. Sentry XD, Damatic XD distributed control systems and Millway production management systems form an integrated solution for millwide control.



## Valmet-Dominion Inc.

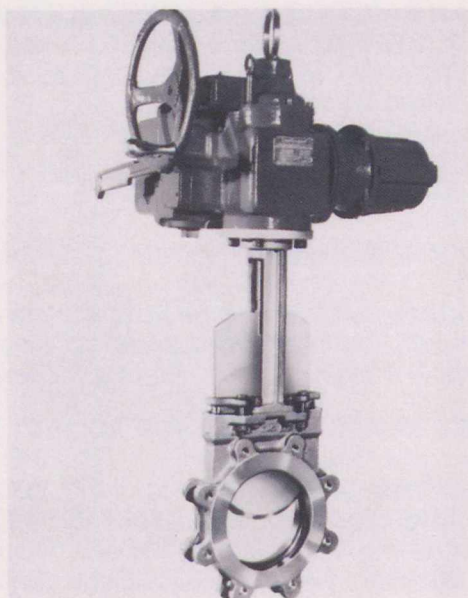
P.O.Box 700  
Lachine,  
Quebec  
H8S 4A9

For information:

Telephone: (514) 634-6931  
Telex: 05-821782  
Facsimile: (514) 636-1229

Valmet-Dominion Inc. engineers, manufactures, and services pulp, paper, and linerboard machines from headbox to reel. Services include installation, start-up and post-start-up.

## CAPABILITY GUIDE



### **Velan Inc.**

2125 Ward Avenue,  
Montreal,  
Quebec  
H4M 1T6

For information:  
Telephone: (514) 748-7743  
Telex: 05-825668  
Facsimile: (514) 748-8635

Velan is one of the world's largest manufacturers of industrial valves, offering the widest product line of any single-source North American manufacturer. Established in 1950, Velan built its reputation as a leading supplier of nuclear valves. The same expertise and quality control are used in the production of gate, globe, check, knife gate and ball valves (manual and automated) for the pulp and paper industry, in sizes ranging from one-quarter inch to 36 inches. The first to introduce an all stainless steel knife gate valve, Velan has improved the design of this product to meet an in-house allowable leakage standard that is four times more stringent than the TAPPI standard. Velan ball valves feature a patented seat design which guarantees long cycle life, low operating torque and bubble-tight shut-off, even in the most difficult applications. Velan also offers top quality stainless steel gate, globe and check valves for corrosive service, and speciality products such as metal-seated ball valves, bellows seal valves, cryogenics and slurry valves. With manufacturer's representatives, exclusive distributors or licence agreements in 60 countries, Velan provides prompt and professional service, both before and after sales worldwide.



### **Western Research**

1313 44 Avenue N.E.,  
Calgary,  
Alberta  
T2E 6L5

For information:  
Telephone: (403) 291-1313  
Telex: 038-27569  
Facsimile: (403) 291-1128

Western Research, a division of Bow Valley Resource Services Ltd., is a high technology firm specializing in all aspects of environmental monitoring and process control. Western Research has provided laboratory and field test services engineering, consulting, and complete analytical systems to industry for more than a decade. The process knowledge and expertise coupled with the practical experience of in-plant sampling techniques developed and refined through the company's plant performance test service group, are used in the engineering, design and manufacture of the basic analyzers and complete instrumentation systems. The firm's instrumentation is specialized toward source mass emission monitoring systems (SO<sub>2</sub>/TRS) and process control instrumentation packages. The new model 800 TRS analyzer system has been developed and field proven to assist kraft pulp mills deal with environmental monitoring concerns on recovery boiler and lime kiln stacks. The low-maintenance analyzer employs the total system concept that starts with the probe and ends at the hard copy output. A certifiable system is thus available from a single supplier.

# CANADA'S PULP & PAPER PRODUCERS

---

## **ABITIBI-PRICE INC.**

Head Office:  
2 First Canadian Place, Suite 1300, P.O. Box 39  
Toronto, Ontario M5X 1A9  
Tel.: 416-369-6700 Telex: 062-2254  
Telecopier: 416-369-7101  
Trade Enquiries:  
Queens Quay Terminal, 207 Queen Quay West, Suite  
680  
Toronto, Ontario M5J 2P5  
Tel.: 416-369-6700 Telex: 065-24264  
Products:  
Newsprint, groundwood papers, coated and  
miscellaneous papers

## **ATLANTIC PACKAGING PRODUCTS LTD.**

Head Office, Mill and Trade Enquiries:  
111 Progress Avenue, Scarborough, Ontario M1P  
2Y9  
Tel.: 416-298-8101 Telex: 065-25269  
Products:  
Containerboard, boxboard and sanitary papers

## **BENNETT FLEET INC.**

Head Office:  
Division QUEBEC Div.  
380 Fortin Street, Ville de Vanier, Quebec G1M 6W8  
P.O. Box 394, Postal Station St. Sauveur, Quebec,  
Quebec G1K 6W8  
Tel.: 418-681-4163  
Products:  
Boxboard, containerboard, miscellaneous and  
specialty boards

## **BOISE CASCADE CANADA LTD.**

Head Office and Trade Enquiries:  
500-3300 Bloor Street West  
Toronto, Ontario M8X 2X2  
Tel.: 416-231-3010 Telecopier: 416-231-1570  
Products:  
Newsprint, pulp, groundwood papers and chemicals

## **BOWATER MERSEY PAPER COMPANY LIMITED**

Head Office, Mill and Trade Enquiries:  
P.O. Box 1150, Liverpool, Nova Scotia B0T 1K0  
Tel.: 902-354-3411 Telex: 019-21556 Cable:  
NUSEPRINT  
Telecopier: 902-354-2271  
Products:  
Newsprint and groundwood papers

## **CANADIAN PACIFIC FOREST PRODUCTS LTD. (FORMERLY GREAT LAKES FOREST PRODUCTS AND CIP INC.)**

Head Office and Trade Enquiries  
1155 Metcalfe Street, 14th Floor  
Montreal, Quebec H3B 2X1  
Tel.: 514-878-4811 Telex: 055-60635  
Cable: CIPOMIC  
Telecopier: 514-878-4850  
Products:  
Newsprint, groundwood paper, pulp, boxboard,  
containerboard, hardboard, rigid insulating board and  
sanitary and fine papers

## **CANFOR CORP.**

Head Office and Trade Enquiries:  
2800-1055 Dunsmuir Street  
P.O. Box 49420, Bentall Postal Station  
Vancouver, British Columbia V7X 1B5  
Tel.: 604-661-5241 Telex: 04-53338 Cable: CANFOR  
HO VCR  
Telecopier: 604-661-5273  
Products:  
Pulp, kraft papers, hardboard and chemicals

## **CARIBOO PULP & PAPER COMPANY**

Head Office and Trade Enquiries:  
Box 7500, Quesnell, British Columbia V2J 3J6  
Tel.: 604-992-9231 Telex: 047-82538  
Products:  
Pulp

## **CASCADES INC.**

Head Office:  
404 Marie-Victorin, P.O. Box 30  
Kingsey Falls, Quebec J0A 1B0  
Tel.: 819-363-2245 Telex: 05-268593  
Trade Enquiries:  
1140 de Maisonneuve West, Suite 1275  
Montreal, Quebec H3A 1M7  
Tel.: 514-288-7238 Telex: 055-60555  
Products:  
Containerboard, linerboard, boxboard, CTMP and  
kraft pulp, sack and specialty papers

## **CELGAR PULP COMPANY**

Head Office:  
P.O. Box 1000, Castlegar, British Columbia V1N 3H9  
Tel.: 604-365-7211 Telex: 041-554  
Trade Enquiries:  
800 Dorchester Blvd. West  
Montreal, Quebec H3B 1Y9  
Tel.: 514-875-2160 Telex: 055-61502  
Telecopier: 514-875-2160, LOCAL 375  
Products:Pulp

**CONSOLIDATED-BATHURST INC.**

Head Office and Trade Enquiries:  
800 Dorchester Blvd. West  
Montreal, Quebec H3B 1Y9  
Tel.: 514-875-2160 Telex: 05-25165 Cable:  
CONBATH MONTREAL  
Telecopier: 514-875-6284  
Products:  
Newsprint, pulp, boxboard, containerboard, writing  
papers,  
(continuous forms), groundwood and specialty  
papers, tissue, miscellaneous  
and specialty boards

**CRESTBROOK FOREST INDUSTRIES LTD.**

Head Office:  
Box 4600, Cranbrook, British Columbia V1C 4J7  
Tel.: 604-426-6241 Telex: 041-45114  
Telecopier: 604-426-3406  
Trade Enquiries:  
2724, 200 Granville Street  
Vancouver, British Columbia V6C 1S4  
Tel: 604-685-3221 Telex: 04-507518  
Products:  
Pulp

**CROWN FOREST INDUSTRIES LIMITED**

Head Office and Trade Enquiries:  
700 - 815 West Hastings Street  
Vancouver, British Columbia V6C 2Y4  
Tel.: 604-668-4242 Telex: 04-51203  
Telecopier: 604-668-4254  
Trade Enquiries:  
2724, 200 Granville St.  
Vancouver, British Columbia V6C 1S4  
Tel.: 604-685-3221 Telex: 04-507518  
Products:  
Newsprint, pulp, boxboard, containerboard,  
specialty, buildings and kraft  
papers

**DAISHOWA FOREST PRODUCTS LTD.**

Head Office and Trade Enquiries:  
Suite 880, 207 Queen's Quay West  
Toronto, Ontario M5J 1A7  
Tel.: 416-862-5000 Telex: 065-24326  
Telecopier: 416-364-0469  
Products:  
Newsprint, pulp, boxboard and chemicals

**DOMTAR INC.**

Head Office:  
395 de Maisonneuve Blvd. West, Montreal, Quebec  
H3A 1L6  
Tel.: 514-848-5400 Telex: 055-60625 Cable:  
TARDOMCO  
TWX: 610-421-4630  
Products:  
Pulp, kraft, book, coated and writing papers;  
specialty, envelope,  
blotting, building and miscellaneous papers; bristols,  
newsprint and  
groundwood papers; boxboard, containerboard, rigid  
insulating board,  
miscellaneous and specialty boards and chemicals

**DONOHUE INC.**

Head Office:  
1150 Claire-Fontaine, Quebec, Quebec G1R 5G4  
Tel.: 418-522-6471 Telex: 051-3744  
Telecopier: 418-522-6471  
Trade Enquiries:  
As above, or:  
Donohue Paper Sales Corporation  
100 Jericho Quadrangle, Suite 105, Jericho, NY  
11753  
Tel.: 516-433-5000 Telex: 960960  
Products:  
Newsprint and pulp

**E.B. EDDY FOREST PRODUCTS LTD.**

Head Office:  
P.O. Box 600, Hull, Quebec J8X 4Y7  
Tel.: 819-595-5211 Telex: 053-3346 Cable: EDDYCO  
Trade Enquiries and Executive Office:  
1335 Carling Ave., P.O. Box 3521 Station C  
Ottawa, Ontario K1Y 4L5  
Tel.: 613-725-6700 Telex: 053-3346 Cable: EDDYCO  
Products:  
Tissue, kraft, book and writing papers, bristols,  
sanitary, specialty,  
envelope and miscellaneous papers and pulp

**EUROCAN PULP & PAPER CO.**

Head Office and Mill:  
P.O. Box 1400  
Kitimat, British Columbia V8C 2H1  
Tel.: 604-632-6111 Telex: 047-84531  
Telecopier: 604-632-6111, local 486  
Trade Enquiries:  
Suite 1000, 1100 Melville Street  
Vancouver, British Columbia V6E 4A6  
Tel.: 604-685-1441 Telex: 04-54340 Cable:  
EUROKRAFT  
Telecopier: 604-685-1441, local 243  
Products:  
Kraft papers and containerboard

**FLETCHER CHALLENGE CANADA LTD.**

Head Office and Trade Enquiries:  
1050 West Pender Street  
Vancouver, British Columbia V6E 2X3  
Tel.: 604-665-3821 Telex: 04-51166 Cable:  
BEFORPROD  
Products:  
Newsprint, pulp, groundwood papers, boxboard,  
containerboard, specialty, building and kraft papers

**J. FORD & COMPANY LTD.**

Head Office, Mill and Trade Enquiries:  
Portneuf, Quebec G0A 2Y0  
Tel.: 418-286-3361 Telex: 051-3933  
Products:  
Kraft, tissue, building papers, non-woven products,  
sanitary,  
miscellaneous and specialty papers

**FRASER INC.**

Head Office and Trade Enquiries:  
27 Rice Street, Edmundston, New Brunswick E3V 1S9  
Tel.: 506-735-5551 Telex: 014-45538 Cable:  
FRASERCO  
Telecopier: 506-735-5551, local 371 (night) 506-739-  
8879  
Products:  
Pulp, boxboard, book and writing, coated and  
miscellaneous papers

**GASPESIA PULP & PAPER COMPANY LTD.**

Head Office:  
2 Place Quebec  
Quebec, Quebec G1R 4S1  
Tel.: 418-647-1152 Telex: 051-3511  
Trade Enquiries:  
207 Queen's Quay West, Suite 680, P.O. Box 102  
Toronto, Ontario M5J 2P5  
Tel.: 416-369-6700 Telex: 065-24264 Cable:  
ABITIBIPA  
Telecopier: 416-369-6794  
Products:  
Newsprint

**GLASSINE CANADA INC.**

Head Office and Mill:  
P.O. Box 1783, 845 Industrial Avenue  
Quebec, Quebec G1K 7K7  
Tel.: 418-522-8262 Telex: 051-3498  
Trade Enquiries:  
77 Brown's Line  
Toronto, Ontario M8W 4X5  
Tel.: 416-251-5221  
Products:  
Specialty, writing and miscellaneous papers

**IKO INDUSTRIES**

Head Office:  
One Yorkdale Road, Suite 404  
Toronto, Ontario M6A 3A1  
Tel.: 416-781-5545 Telex: 06-969535  
Products:  
Building paper and board

**IRVING PULP & PAPER, LIMITED**

Head Office and Trade Enquiries:  
300 Union Street, Saint John, New Brunswick E2L  
4M3  
Tel.: 506-632-7777 Telex: 014-47466  
Telecopier: 506-642-4386  
Products:  
Kraft pulp, tissue, newsprint

**ISLAND PAPER MILLS LIMITED**

Head Office, Mill and Trade Enquiries:  
P.O. Box 2170, 1010 Derwent Way, Annacis Island  
New Westminster, British Columbia V3L 5A5  
Tel.: 604-526-5521 Sales: 1-800-663-9770 Telex:  
043-51175  
Products:  
Book and writing papers, fine papers, kraft papers  
and envelope papers

**JAMES MACLAREN INDUSTRIES INC.**

Head Office:  
2 Montreal Rd. West, Masson, Quebec J0X 2H0  
Tel.: 819-986-3345 Telex: 053-4168  
Telecopier: 819-986-1087  
Mailing Address and Trade Enquiries:  
Buckingham, Quebec J8L 2X3  
Tel.: 819-986-3345 Telex: 053-4168  
Telecopier: 819-986-1087  
Products:  
Newsprint and pulp

**JAMES RIVER-MARATHON, LTD.**

Head Office, Mill and Trade Enquiries:  
P.O. Box 100, Marathon, Ontario P0T 2E0  
Tel.: 807-229-1200 Telex: 067-7335  
Products:  
Pulp and chemicals

**KIMBERLY-CLARK OF CANADA LIMITED**

Head Office and Trade Enquiries:  
365 Bloor St., East, Toronto, Ontario M4W 3L9  
Tel.: 416-968-5600 Telex: 06217733  
Telecopier: 416-968-5647  
Products:  
Tissue, kraft, sanitary, miscellaneous and specialty  
papers, non-woven  
products, pulp and chemicals

**KRUGER INC.**

Head Office and Trade Enquiries:  
3285 Bedford Road, Montreal, Quebec H3S 1G5  
Tel.: 514-737-1131 Telex: 055-60579  
Products:  
Newsprint, containerboard, boxboard, coated and  
groundwood papers

**LAKE UTOPIA PAPER LIMITED**

Head Office and Trade Enquiries:  
300 Union Street, Saint John, New Brunswick E2L  
4M3  
Tel.: 506-632-7777 Telex: 014-47360  
Telecopier: 506-642-4386  
Products:  
Containerboard

**MACMILLAN BLOEDEL LIMITED**

Head Office and Trade Enquiries:  
1075 West Georgia Street  
Vancouver, British Columbia V6E 3R9  
Tel.: 604-661-8000 Telex: 04-51471 Cable: HARMAC  
Products:  
Newsprint, pulp, containerboard, hardboard and  
groundwood papers

**MANFOR LTD.**

Head Office and Mill:  
P.O. Box 1590, The Pas, Manitoba R9A 1L4  
Tel.: 204-623-7411 Telex: 0766-6578  
Trade Enquiries:  
806 - 363 Broadway Avenue, Winnipeg, Manitoba  
R3C 3N9  
Tel.: 204-942-3544 Telex: 0755149  
Products:  
Kraft paper and pulp

**MILLAR WESTERN PULP LTD.**

Head Office  
16640 - 111 Avenue, Edmonton, Alberta T5M 2S5  
Tel.: 486-2444 Telex: 037-2491  
Products:  
CTMP Pulp

**MINAS BASIN PULP & POWER COMPANY  
LIMITED**

Head Office, Mill and Trade Enquiries:  
53 Prince Street, Hantsport, Nova Scotia B0P 1P0  
Tel.: 902-684-3236 Telex: 019-32133 Cable:  
MINASBASIN  
Products:  
Boxboard and containerboard

**NORDFIBRE CO.**

Head Office:  
Box 910, North Bay, Ontario P1B 2K1  
Tel.: 705-474-2300 Telex: 067-2300  
Products:  
Building papers, insulation

**NORTHWOOD PULP AND TIMBER LIMITED**

Head Office, Mill and Trade Enquiries:  
P.O. Box 9000, Prince George, British Columbia V2L  
4W2  
Tel.: 604-962-9611 Telex: 047-8710  
Products:  
Pulp

**PAPERBOARD INDUSTRIES LIMITED  
(FORMERLY BELKIN PAPERBOARD)**

Head Office and Trade Enquiries:  
Suite 600, 144 Front Street West  
Toronto, Ontario M5J 1G2  
Tel.: 416-596-7148 Telecopier: 416-977-4500  
Products:  
Boxboard, containerboard, building papers,  
miscellaneous and specialty boards

**PERKINS PAPERS LTD.**

Head Office and Trade Enquiries:  
2345 Autoroute des Laurentides  
Chomedey, Laval, Quebec H7S 1Z7  
Tel.: 514-688-1152 Telex: 055-60965QLX  
Products:  
Sanitary papers

**PROCTOR & GAMBLE INC.**

Head Office:  
P.O. Box 355, Station A, Toronto, Ontario M5W 1C5  
2 St. Clair Ave. West, Toronto, Ontario  
Tel.: 416-924-4661 Telex: 065-24170  
Products:  
Pulp

**Q&O PAPER COMPANY LIMITED**

Head Office and Trade Enquiries:  
80 King Street, St. Catharines, Ontario L2R 7G2  
Tel.: 416-688-5030 Telex: 061-5243  
Telecopier: 416-688-6005  
Products:  
Newsprint

**REPAP ENTERPRISES CORPORATION INC.**

Head Office:  
Suite 3200, 1155 Dorchester Blvd. West  
Montreal, Quebec H3B 3S7  
Tel.: 514-879-1316 Telex: 05-25628  
Telecopier: 514-875-5051  
Trade Enquiries:  
Paper:

Midtec Paper Ltd.  
Suite 3200, 1155 Dorchester Blvd. West  
Montreal, Quebec H3B 3S7  
Tel.: 514-879-1316

Pulp:  
Acadia Pulp Sales Limited  
Suite 3200, 1155 Dorchester Blvd. West  
Montreal, Quebec H3B 3S7  
Tel.: 514-871-9230 Telex: 05-25628  
Telecopier: 514-875-5051

Products:  
Coated and groundwood papers and pulp

**ROLLAND INC.**

Head Office:  
Industrial Life Tower  
2000 McGill College Ave., Suite 1400  
Montreal, Quebec H3A 3H3  
Tel.: 514-289-1779

Trade Enquiries:  
As above, or:  
100 Alexis-Nihon Boulevard, Suite 500  
Saint-Laurent, Quebec H4M 2P1  
Tel.: 514-744-8500 Telex: 058-24645  
Telecopier: 514-747-6674

Products:  
Tissue, book and writing, specialty, kraft, envelope  
and  
miscellaneous papers

**ROTHESAY PAPER LTD.**

Head Office and Trade Enquiries:  
300 Union Street, Saint John, New Brunswick E2L  
4M3

Tel: 506-632-7777 Telex: 014-47360  
Telecopier: 506-642-4386

Products:  
Newsprint

**ST. ANNE-NACKAWICK PULP & PAPER  
COMPANY LTD.**

Head Office, Mill and Trade Enquiries:  
P.O. Box 1000, Nackawic, New Brunswick E0H 1P0  
Tel.: 506-575-2221 Telex: 01-446104 Cable:  
STANPAP

Products:  
Pulp

**ST. MARYS PAPER INC.**

Head Office and Trade Enquiries:  
75 Huron Street, Sault Ste. Marie, Ontario P6A 5P4  
Tel: 705-942-6070 Telex: 067-77228

Products:  
Supercalendered paper and uncoated groundwood  
specialties

**ST. RAYMOND PULP & PAPER LIMITED**

Head Office and Trade Enquiries:  
1050 Chute-Panet, P.O. Box 609  
St. Raymond, Quebec G0A 4G0  
Tel.: 418-337-2261

Products:  
Newsprint, groundwood, writing, sanitary and  
miscellaneous papers

**SCOTT MARITIMES LIMITED**

Head Office:  
P.O. Box 549D, New Glasgow, Nova Scotia B2H 5E8  
Tel.: 902-752-8461 Telex: 019-36524

Telecopier: 902-752-0258

Trade Enquiries:  
Scott Paper Company - Fiber Division  
Scott Plaza I, Philadelphia, PA 19113  
Tel.: 215-522-6338 Telex: 0083-4273  
Telecopier: 215-522-5577

Products:  
Pulp

**SCOTT PAPER LIMITED**

Head Office and Trade Enquiries:  
P.O. Box 3600, Vancouver, B.C. V6B 3Y7  
Tel. 604-688-8131 Telex: 0455321 Cable:  
SCOTTPAPER

Telecopier: 604-643-5543

Products:  
Non-woven products, sanitary and specialty papers

**SONOCO LIMITED**

Head Office and Trade Enquiries:  
33 Park Avenue East, P.O. Box 1208  
Brantford, Ontario N3T 5T5

Tel.: 519-752-6591 Telex: 061-81144

Telecopier: 519-752-6591, local 290

Products:  
Boxboard

**F.F. SOUCY, INC.**

Head Office and Trade Enquiries:  
Newsprint Sales Ltd.  
80 Field Point Road, Greenwich, Connecticut 06830  
Tel.: 203-661-3344 Telex: 13-1473

Telecopier: 203-661-3349

Products:  
Newsprint and groundwood papers



---

**SPRUCE FALLS POWER AND PAPER COMPANY, LIMITED**

Head Office and Mill:  
P.O. Box 100, Kapuskasing, Ontario P5N 2Y2  
Tel.: 705-337-1311 Telex: 06778549  
Trade Enquiries:  
2 Carlton Street, Toronto, Ontario M5B 1J9  
Tel.: 416-977-0211 Telex: 06219748  
Products:  
Newsprint and groundwood papers

**STORA FOREST INDUSTRIES**

Head Office and Trade Enquiries:  
P.O. Box 59, Port Hawkesbury, Nova Scotia B0E 2V0  
Tel.: 902-625-2460 Telex: 019-37531 Cable:  
STORADOCK  
Telecopier: 902-625-1105 TWX; 610-272-4440  
Products:  
Pulp and newsprint

**STRATHCONA PAPER COMPANY  
(Division of Roman Corporation Limited)**

Head Office and Mill:  
Box 130, Napanee, Ontario K7R 3L6  
Tel.: 613-378-6672  
Trade Enquiries:  
As above, or:  
Suite 204A, 150 Consumers Road  
Willowdale, Ontario M2J 1P9  
Tel.: 416-491-1701  
159 Merizzi Street  
Montreal, Quebec H4T 1Y3  
Tel.: 514-342-2471  
Products:  
Boxboard, miscellaneous and specialty boards

**TEMBEC INC.**

Head Office:  
800 Dorchester Blvd. West, Suite 2790  
Montreal, Quebec H3B 1X9  
Tel.: 514-871-0137 Telex: 05-24325  
Trade Enquiries:  
P.O. Box 3000, Temiscaming, Quebec J0Z 3R0  
Tel.: 819-627-3321 Telex: 067-76281  
Telecopier: 819-627-3622  
Products:  
Pulp and chemicals

**WELDWOOD OF CANADA LTD.**

Head Office and Trade Enquiries:  
1055 West Hastings Street, P.O. Box 2179  
Vancouver, British Columbia V6B 3V8  
Tel.: 604-687-7366 Telex: 04-508846; 04-508895  
Products:  
Pulp and chemicals

**WEST FRASER TIMBER CO.LTD.**

Head Office: Suite 1000, 1100 Melville Street  
Vancouver, British Columbia V6E 4A6  
Tel.: 604-681-8282 Telex: 045-5254  
Product:  
CTMP Pulp

**WESTERN PULP LIMITED PARTNERSHIP**

Head Office:  
1300 - 355 Burrard Street, Vancouver, British  
Columbia V6C 2G8  
Tel.: 604-665-8801 Telex: 04-508828  
Telecopier: 604-665-8806  
Trade Enquiries:  
As above, or:  
Europe:  
1 Lewins Yard, East Street, Chesham, Bucks.  
England H5P 1HQ  
Southeast Asia:  
1005 Bank of America Tower, 12, Harcourt Road  
Hong Kong  
Products:  
Pulp

**WEYERHAEUSER CANADA LTD.**

Head Office and Trade Enquiries:  
P.O. Box 800  
Kamloops, British Columbia V2C 5M7  
Tel.: 604-372-2217 Telex: 048-8139 TWX: 610-933-  
4062  
Telecopier: 604-372-2217, local 600  
Products:  
Pulp and chemicals

# EQUIPMENT MANUFACTURER'S AND CONSULTING ENGINEERING DIRECTORY ALPHA INDEX

Advanced Dynamics Corp. Ltd. ....	10	Hepburn, John T. Ltd. ....	27
Albright Wilson Americas ....	10	Hooper, S.W. & Co. Ltd. ....	27
Anchor Packing, Division Robco Inc. ...	11	Huot, St. (1976) Inc. ....	28
Applied High Technology Ltd. ....	11	HurterConsult Incorporated ....	28
Asten-Hill Inc. ....	12	Hymac Ltd. ....	29
Babcock & Wilcox ....	12	Industries USP ....	29
Bailey Controls ....	13	James Ross Limited ....	30
Bedarco McGruer Inc. ....	13	Johnson Wires ....	30
Beloit Canada Ltd. ....	14	Kaneng Industries Inc. ....	31
Brunette Machine Works Ltd. ....	14	Klockner Stadler Hurter Ltd. ....	31
C-E Canada Power Systems ....	15	Koehring Waterous ....	32
Celcotec Systems Inc. ....	15	Lamb Canada Ltd. ....	32
Chemetics International ....	16	Lefebvre et Frères Ltée ....	33
CIRCUL-AIRE Inc. ....	16	Leitch, The Arthur S. Co. Ltd. ....	33
Clayburn Refractories Ltd. ....	17	Lundberg, A.H. Equipment Ltd. ....	34
Devron Hercules Inc. ....	17	Mec-Fab Inc. ....	34
Dillingham Construction Ltd. ....	18	Niagara Lockport Quebec Ind. Inc. ....	35
Dorr-Oliver Canada Ltd. ....	18	Nystrom, Lee, Kobayashi (NLK) ....	35
Doyle Engineered Products Co. ....	19	Paques Lavalin ....	36
Dresser Canada Inc. ....	19	Precision Service & Engineering Ltd. ....	36
Ecodyne Limited ....	20	Reliance Electric ....	37
EIMCO Process Equipment ....	20	ŞACDA Inc. ....	37
Ellett Group ....	21	Sala Machine ....	38
Emery International ....	21	Sandwell Swan Wooster Inc. ....	38
Fibron Machine Corp. ....	22	Simons, H.A. Ltd. ....	39
Fisher Controls Co. of Canada Ltd. ....	22	Startco Engineering Ltd. ....	39
Flakt Ross Inc. ....	23	Stothert Group Inc. ....	40
FMP/Rauma Inc. ....	23	Sweco Canada Inc. ....	40
Foster Wheeler Ltd. ....	24	Tervcon-Eclipse Ltd. ....	41
Gaco Systems Ltd. ....	24	Titanium Ltd. ....	41
G-E Canada ....	25	Valmet Automation (Canada) Ltd. ....	42
GL&V ....	25	Valmet-Dominion Inc. ....	42
Hamilton Gear ....	26	Velan Inc. ....	43
Henderson, Barwick Inc. ....	26	Western Research ....	43



barcode & pocket on inside front cover

# CANADIAN GOVERNMENT TRADE COMMISSIONER OFFICES IN THE UNITED STATES

## Washington

### Canadian Embassy

The Trade Promotion and Market Access Section is located at the Sheridan Circle Chancery of the Canadian Embassy  
501 Pennsylvania Avenue N.W.,  
Washington, D.C. 20001  
Tel: 202-483-5505  
Fax: 202-239-2009  
Telex: 0089664 (DOMCAN A WASH)  
Territory: Washington, D.C., Maryland, Delaware, Eastern Pennsylvania (including Philadelphia), and Virginia

## Atlanta

### Canadian Consulate General

400 South Tower  
One CNN Center  
Atlanta, Georgia 30303-2705  
Tel: 404-577-6810  
Fax: 404-524-5046  
Telex: 0542676 (DOMCAN ATL)  
Territory: Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico, U.S. Virgin Islands

## Boston

### Canadian Consulate General

Three Copley Place, Suite 400  
Boston, Massachusetts 02116  
Tel: 617-262-3760  
Fax: 617-262-3415  
Telex: 940625 (DOMCAN BSN)  
Territory: States of Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, Other Countries: Saint-Pierre-et-Miquelon

## Buffalo

### Canadian Consulate

One Marine Midland Center  
Suite 3550  
Buffalo, New York 14203-2884  
Tel: 716-852-1247  
Fax: 716-852-1247  
Telex: 0091329 (DOMCAN BUF)  
Territory: Western, Central and Upstate New York

## Chicago

### Canadian Consulate General

310 South Michigan Avenue, 12th Floor  
Chicago, Illinois 60604-4295  
Tel: 312-427-1031  
Fax: 312-922-0637  
Telex: 00254171 (DOMCAN CGO)  
Territory: Illinois, Missouri, Wisconsin, the Quad-City region of Iowa

## Cleveland

### Canadian Consulate

Illuminating Building, Suite 1008  
55 Public Square  
Cleveland, Ohio 44113-1983  
Cable: CANADIAN CLEVELAND  
Tel: 216-771-0150  
Fax: 216-771-1688  
Telex: 00985364 (DOMCAN CLV)  
Territory: States of Kentucky, Ohio, West Virginia, Western Pennsylvania

## Dallas

### Canadian Consulate General

St. Paul Place, Suite 1700  
750 N. St. Paul Street  
Dallas, Texas 75201-9990  
Cable: CANADIAN DALLAS  
Tel: 214-922-9806  
Fax: 214-922-9811  
Telex: 00732637 (DOMCAN DAL)  
Territory: States of Texas, Arkansas, Kansas, Louisiana, New Mexico, Oklahoma

## Detroit

### Canadian Consulate General

600 Renaissance Centre  
Suite 1100  
Detroit, Michigan 48243-1704  
Cable: CANADIAN DETROIT  
Tel: 313-567-2340  
Fax: 313-567-2164  
Telex: 230715 (DOMCAN DET)  
Territory: City of Toledo, States of Michigan and Indiana

---

This document is the result of a successful collaboration between the Resource Equipment Division of the Department of Industry, Science and Technology Canada, the Department of Forestry, and the Department of External Affairs.

For additional copies or more information, please contact the nearest Canadian Trade Office or:

Department of External Affairs (UTW)  
125 Sussex Drive  
Ottawa, Canada  
K1A 0G2  
(613) 990-9119

## Los Angeles

### Canadian Consulate General

300 South Grand Avenue, 10th floor  
California Plaza  
Los Angeles, California 90071  
Tel: 213-687-7432  
Fax: 213-520-8827  
Telex: 00674119 (DOMCAN LSA)  
Territory: States of Arizona, California, Clark County in Nevada

## Minneapolis

### Canadian Consulate General

701 Fourth Avenue South  
Minneapolis, Minnesota 55415-1078  
Tel: 612-333-4641  
Fax: 612-332-4061  
Telex: 290229 (DOMCAN MPS)  
Territory: States of Iowa, Nebraska, Minnesota, North Dakota, South Dakota, Montana

## New York

### Canadian Consulate General

1251 Avenue of the Americas  
New York, NY 10020-1175  
Cable: CANTRACOM NEW YORK CITY  
Tel: 212-586-2400  
Fax: 212-246-7424  
Telex: 62014481 (DOMCAN NYK)  
Territory: States of Connecticut, New Jersey, Southern New York  
Other Countries: Bermuda

## San Francisco

### Canadian Consulate General

50 Fremont Street, Suite 2100  
San Francisco, California 94105  
Tel: 415-495-6021  
Fax: 415-541-7708  
Telex: 34321 (DOMCAN SFO)  
62014485 (Easylink)  
Territory: States of California (except the 10 southern counties), Colorado, Hawaii, Nevada (except Clark County), Utah, Wyoming

## Seattle

### Canadian Consulate General

412 Plaza 600, Sixth and Stewart  
Seattle, Washington 98101-1286  
Tel: 206-443-1777  
Fax: 206-443-1782  
Telex: 0328762 (DOMCAN SEA)  
Territory: States of Alaska, Idaho, Oregon, Washington

I.S.B.N. 0-662-16960-3  
N° Cat. E 74-27/1989E

Canada

