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Expertise in the field

Canadian farm equipment finds international favour

By Marianne Taylor,
Canada Courier Staff Writer

With more than two hundred million acres (81 million hectares) of land being farmed, a large portion of it suited to cultivation and harvesting by machine, Canadian manufacturers of farm equipment have become well-skilled in designing and producing machinery for use at home and abroad.

Farming in Canada in the 1970s reflects the country's urbanized, industrial nature — capital investment in farms and degree of mechanization have risen in proportion to increased productivity.

Agriculture is an extremely important part of Canada's economy, accounting for 30 per cent of the activity in the primary industry sector. In terms of employment, it continues to be the leading primary industry ahead of forestry, fishing, mining and oil production. In 1973, more than twice as many workers were engaged directly or indirectly in agriculture than in all the other primary industries combined.

Canada's special area of expertise is equipment for large-scale dry land farming, since 82 per cent of the country's farmland lies in the Western Canadian Prairies. Canadian farm machinery manufacturers, such as those featured in this edition of Canada Courier, have acquired, over the years, a significant export trade for their cultivating, haying and harvesting equipment.

International sales of Canadian farm equipment account for 40 per cent of the country's total machinery exports, making Canada one of the world's five



Canada's Western Provinces of Alberta, Saskatchewan and Manitoba account for 82 per cent of the country's farmland. Crops grown include oats, barley, flax, rapeseed and spring wheat. Shown here is a farm typical of the area.

largest exporters of farm products. It also makes the agricultural equipment sector Canada's largest single source of machinery exports.

In 1973, 150 firms located mainly in Ontario, Manitoba, Saskatchewan and Alberta shipped to Canadian, American and international buyers a total of \$335 million in farm machinery designed primarily for use in soil preparation,

seeding and fertilizing; haying, harvesting and threshing.

The value of farm machinery exported in 1974 was \$397 million of a total value of \$464.4 million shipped. The exported products were sold primarily to the United States, but also to North Africa, South Africa, Australia, France and Britain. Of these exports, half were haying, harvesting and threshing machinery; the remainder preparation and cultivation

equipment, tractors and general farm machinery.

A broad range of farming is carried out across Canada with emphasis on five main types: dairy; livestock; grain; combination grain and livestock; and special crop farming.

While 82 per cent of Canada's farmland lies in the West, farming is carried out in all provinces and the Yukon and North West Territories. Farms specializing in general livestock production are found mainly in Alberta and Ontario, and to a lesser extent in Quebec and Saskatchewan. Quebec and Ontario have the most dairy farms but almost half of Nova Scotia's farms are devoted to dairying.

General grain farms with such crops as wheat, rapeseed, oats, barley and flax are found mostly in Saskatchewan, Alberta and Manitoba. These provinces also have the largest number of farms engaged in a combination of grain and livestock production. The Prairie Provinces' most important crop is spring

wheat, more than 23 million acres (9,308,100 hectares) of which were seeded in 1974.

Ontario has the majority of special crop farms that grow vegetables, fruits, potatoes, other root crops and tobacco. Quebec is second and British Columbia third.

Canadian manufacturers have available for export specialized equipment for each of the five types of farming predominant in Canada.

In the area of land clearing, drainage and irrigation equipment, Canada has considerable expertise in designing equipment for breaking the land to make it suitable for agricultural production. Equipment suited to this type of work includes breaking plows; rotary plows for pulverizing roots and saplings; root windrowers and rock pickers such as those made by Rite Way Mfg. Co. Ltd.; small dig and carry scrapers; and dozer blades.

Livestock raising is a rapidly developing area of agricultural competence. It includes consulting expertise for ranching and cattle handling as well as the production of automated feeding facilities for cattle and hogs. A full range of barn equipment, such as that made by Ralco Farm Equipment Co. Limited, is complemented by the specialized material handling equipment used in the storage and feeding of grain, forage and silage.

The majority of the companies featured in this issue of Canada Courier specialize in manufacturing equipment designed for grain production in Western Canada where there is limited rainfall. Particular strengths are related to the large-scale farming practices used in growing wheat and other cereals in the Prairies.

Increasingly, fewer farm workers are needed on the large Western farms as more sophisticated equipment is developed that does the work faster, better and with increased production. It is estimated that one farmer currently produces sufficient food to feed 50 people as a result of his farming efforts — nearly 10 times as much as a farmer of the early 1900s could supply.

Continued on page 2

Versatile conveying systems serve many mining applications



Transportation and hoisting of ore, rock and coal is fast and efficient with pneumatic conveying equipment and systems manufactured and sold internationally by Radmark Engineering Ltd. of North Vancouver, British Columbia. Radmark's pneumatic conveying systems have a variety of applications: the vertical hoisting of ore, waste or coal for underground mines; the conveying of muck from tunneling machines; conveying waste material underground into mines for backfilling or waste rock disposal; removing cuttings from raise boring machines and conveying these to the surface for disposal; and backfilling pipe ditches to provide a competent bedding for oil pipelines. Many of these applications have been pioneered by Radmark especially the application of pneumatic conveying equipment to tunneling machines. Heart of the system, shown here, is the Radmark feeder/stower which essentially is a rotating air lock feeder driven by an hydraulic motor and manufactured from abrasion resistant steels. Various models are available and are selected according to the throughputs required in the pneumatic system. Considered North America's only manufacturer of pneumatic conveying equipment that can handle throughputs up to 300 tons (272 metric tons) per hour of abrasive rocks up to three inches (8cm) cubed size, Radmark Engineering Ltd. is interested in increasing its international markets.

Code 1-131



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canada courier

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Canadian manufacturers also make specialized cultivating, spraying and harvesting equipment for the larger grain farms. Particular strengths are large four-wheel-drive tractors and self-propelled combines and swathers.

Machinery for horticultural and special applications illustrates Canada's specialized capabilities in manufacturing equipment for the production of certain vegetable and fruit crops. Canadian manufacturers can provide a full range of potato growing equipment; cultivation and harvesting machinery; tobacco production equipment which can be used through every phase of production from the transplanting of the seedlings to the curing of the harvested leaf; and specialized machines used in the production of fruit such as rotary concentrate sprayers and flotation grading and separation equipment.

Agriculture has played an important role in Canada's development from the rural nation it was in the 19th century to the urbanized, industrial country it is today. Code 2-102



The fruit and vegetable industry in Canada is an important part of the agricultural and food distribution sectors of the economy. There are more than 25 fruit and vegetable crops (excluding potatoes) grown commercially in Canada with an annual farm value exceeding \$200 million. Pictured here is a cabbage field under cultivation in the St. John River Valley of New Brunswick.

Continued from page 1

This type of agricultural production is centred around four-wheel-drive tractors in excess of 100 horsepower; tillage equipment which causes minimum disturbance to the soil surface thus reducing soil erosion; and seeding machines that result in maximum germination in minimum moisture conditions.

Versatile farm wagons for variety of functions

La Compagnie Normand Limitée of Saint-Pascal, (Kamouraska) Quebec, manufactures farm wagons that can be put to many different uses.

Whether Normand's basic structure becomes a hay rack, stake or stoke rack, flat platform, grain box or chopper wagon body, Normand wagons will make farm labour easier, safer and faster.

The company produces more than 10 models of farm wagons, the most popular of which are the Hercules, the Big Haul No. 500 Series, the Atlas No. 300 Series, and the Expo model with its two variations, the Royal and Model 3390.

The Hercules lives up to its name in tackling heavy jobs. Model 2390 is especially needed for bulk feeder wagons or other bulky loads. The double tandem rear axle assures equal distribution of weight on all four wheels and the standard short turning radius allows the wagon to be loaded easily in any tight spot. Model 2390 has a 12-ton (11-metric ton) capacity, 6-inch x 6-inch (15-cm x 15-cm) H Beam axles, and 76-inch (193-cm) track complete with 11L x 15 - 8-ply flotation tires and tubes and telescoping tractor pole.

The Big Haul Series 500 is the sturdiest wagon on the market and gives

perfect trailing without any weaving. Reinforced and of all-steel construction, it is available in 10 or 12-ton (9 or 11-metric ton) capacities.

The Atlas 300 Series was designed for quick, safe handling of all farm loads at low transportation costs. It also is of all-welded steel construction and features an improved reach and axle for strength and rigidity. The unitized bolster and axle design allow farmers a low loading level and high road clearance.

The Atlas 300 has an 8-ton (7-metric ton) capacity with 2-inch (5-cm) spindles, 65-inch (165-cm) track and 5-inch (13-cm) I Beam axles.

The 10-ton (9-metric ton) Mars model 380 is a rugged wagon chassis built especially for hauling heavy loads and is recommended for use with all types of forage boxes.

The Expo model 1370 is a nine-ton (8-metric ton) wagon that features a revolutionary new design with flotation wheels and tires to enable it to carry capacity loads through wet, soggy ground without bogging down. Its wide 76-inch (188-cm) track turns in a short eight-foot (2-m) radius with a near 80° turn steering mechanism. The Expo 1370 has 42 inches (107cm) between stakes and 6-inch x 6-inch (15-cm x

15-cm) H Beam axles. Model 1375 has the same features with the addition of 11L x 15 - 8-ply tires.

Both models are designed and constructed for the economy-minded efficient farm operator and feature extra sturdy construction of the entire assembly: axles, spindles, steering knuckles, king pins and bearings.

Possessing the same features as the Expo, but with the addition of an extra rear axle, gives the Royal model 2370 an increased loading capacity of 9 to 11 tons (8 to 10 metric tons), making it ideal for carrying extra heavy loads in adverse conditions. This model can also be ordered with a double tandem rear axle for equal distribution of weight on four wheels and comes complete with six 11L x 15 - 8-ply flotation tires and tubes.

Model 3390 also has the same features as the Expo but with the addition of a supplementary tandem axle at the rear to give it an additional three-ton (3-metric ton) capacity for a total capacity of 12 tons (11 metric tons).

Backed by a long-standing reputation, all Normand wagons have a quality and sturdiness recognized worldwide and carry the company's guarantee against defects in workmanship and material.

La Compagnie Normand Limitée also manufactures, to customers' specifications, all types of carriages such as warehouse and baggage trucks, trailers, airline cargo carts and sleighs.

Code 2-261

Quality farm equipment servicable in all seasons

Quality and well-engineered agricultural machinery has meant success for George White & Sons Co. Limited since 1857.

The London, Ontario, based company supplies farming industries around the world with row crop sprayers, farm wagons, snow blowers and White Hawk tobacco tyers and harvesters.

The White Hawk Automatic Tobacco Harvester — with its patented defoliators — is one of the world's most advanced and unique pieces of this type of equipment. It is the only harvester that always keeps the tobacco leaves aligned and never lets them get tangled. It can handle rear fork loads of 2,500 pounds (1,135kg) and its wide throat allows for harvesting of large leaves with very little damage.

Another White Hawk product available through George White is the Norfolk Tobacco Tyer. An advanced piece of equipment, it has rotary swing needle movement that permits the needle to move with the tobacco as it stitches in both the down and up stroke. The stitch

length can be varied to accommodate all types of tobacco and conditions and it ties with conventional cotton or synthetic fibre at all speeds. Stem breakage is kept to an absolute minimum.

King size models of the Norfolk Tobacco Tyer are available with optional features that include side table, canopy, and four-foot (1-m) extension elevator.

A variety of snowblowers are also supplied by George White & Sons. These range from the 72-inch (183-cm) Single Auger Back-Up type for farmers in average snowfall areas to the 86-inch (218-cm) Double Auger Back-Up type for farmers in deep snow country.

The Single Auger, which easily handles slush, ice and dry snow, has a 40-inch (102-cm) adjustable extension chute which can be swivelled through 270 degrees simply by turning the handle as it is being driven. It has a cutting depth of 26 inches (66cm) and a cutting width of six feet (2m).

Designed for reverse use to easily handle heavy snowfalls, the Double Auger, with a 48-inch (122-cm) chute, has a

cutting depth of three feet (0.9m) and a cutting width in excess of seven feet (2m). The heavy-duty fan allows the blower to chuck the snow 50 to 100 feet (15 to 30m) from the clearing site.

The high pressure row crop sprayers available from George White & Sons feature aluminum tanks guaranteed for five years and a stainless steel agitator with aluminum propeller. They are available in spraying widths from 21 feet (6m) to 61 feet (19m).

The company presently exports to the United States, Venezuela, Tanzania, Uruguay, New Zealand and Australia and is interested in developing additional markets.

Code 2-361

The ultimate in tobacco tying — the Norfolk White Hawk from George White & Sons Co. Limited, London, Ontario, ties with conventional cotton or any synthetic fibre, at all speeds, with minimal stem breakage.

Labour-saving cleaners for sanitary barns

Countless hours of back-breaking labour can be saved with the installation of barn cleaners from Ralco Farm Equipment Co. Ltd., the international marketing arm of La Cie R. A. Lajoie Ltée of St-Pie, Quebec.

Barn cleaners are among the most important pieces of equipment a farmer can own. With their use, cleanliness is improved and the possibility of disease in the herd from bacteria-growing manure is cut down.

Ralco's hydraulically-driven barn cleaners feature low speed drive, heavy-duty bearings and sprockets mounted on the shaft, overload protection, automatic braking and simple speed control.

A number of different models are available with a choice of four elevators. Model No. 69 is an extra heavy-duty, bridge-type construction barn cleaner. It features low cost installation, high performance and more room for piling manure.

The elevators are in a fixed position: lengths between 25 and 50 feet (8 and 15m) are held up by one pillar; two pillars supporting lengths 50 feet (15m) and longer. This allows freer movement around the conveyor, easier access to vehicles and higher stacking without touching the pillars.

The Omega model is available as a mobile elevator and ranges in length from 35 feet (11m) to 75 feet (23m). There are two fixed length elevators, a short model for lengths up to 20 feet (6m) that features a steel elevator with a wooden base to prevent sticking and a longer model for lengths in excess of 20 feet (6m). The conveyor-stacker is available in 24 or 32-foot (7 or 10-m) lengths.

To spread the manure, the company also manufactures pumps and tanks.

Other products made by Ralco include stalls and drinking troughs for cattle, pigsty equipment, ventilation systems and hay elevators.

Code 2-461



Barn cleaners from Ralco Farm Equipment Co. Ltd. help save hours of labour, improve cleanliness and prevent disease. Their fixed length elevators have extra support features for easier access and high stacking.



Picking fields clean is easy — when it's done the Rite Way

A relatively new firm, Rite Way Mfg. Co. Ltd. of Regina, Saskatchewan, is continuing to expand and manufacture more and newer types of farm machinery.

The company began operation in 1973 with only two products, an hydraulically-driven rock picker and a rock windrower. Today, Rite Way's line includes three different types of rock pickers, three different sizes of rock windrowers, fieldsprayers, fieldmarkers and multiple hitches.

Rite Way's Rotary Rock Picker is two machines in one. It can be used as either a rotary or prong-type rock picker, and has as its main features versatility, strength and simplicity.

The speed of the rotary blade can be controlled and goes from 5rpm to 200rpm. It can be reversed at any time and can be operated from the tractor. If a rock jams, the bypass will protect the equipment and the jammed rock can be ejected by simply reversing the rake. The rake's picking speed is independent from the ground speed of the tractor so rocks can be picked faster than ever before.

By shutting off the hydraulic motor drive, the machine can be used as a conventional prong-type rock picker.

Constructed of heavy-duty square tubing, Rite Way's RR-100 Rock Picker is tough. It is strong enough to pick and carry rock loads for years with maximum performance and minimum maintenance. Its frame supports a hopper of 1/4-inch (0.635-cm) reinforced steel

plate strong enough to handle a one-ton (0.90718-metric ton) load. It can easily pick rocks from 2 1/2 inches (6cm) to large 24-inch (61-cm) boulders or windrows.

The Rock Windrower is the Rock Picker's partner. Designed to improve the speed and efficiency of rock picking chores, it covers fields in wide 23-foot (7-m) sweeps, channelling rocks into windrows at a rate of 100 acres (40 hectares) per day. Two powerful high speed hydraulic motors drive the toothed drums, each of which has five rows of spiral with 360 working teeth capable of clearing rocks from 1 inch (2.54cm) to 10 inches (25cm) in diameter.

Rite Way's fieldmarkers are economical tools that pay for themselves after only a few uses. They can be used on truck and tractor weed sprayers, fertilizer spreaders, rod weeders, cultivators and seeders. The fieldmarkers are of rigid, all-steel construction, ball-bearing mounted. They attach simply to the implement with the disc axle adjustable to soil conditions. Field tested for up to 12mhr (19km/hr), the fieldmarkers eliminate overlapping or missing. They will not dig the soil or damage the crop to make the mark — the rubber tire does the marking. They can be adjusted to either the left or right side of the implement as the operating instructions included with each model show.

The company also produces a heavy-duty sprayer with low profile tank for



The RR-600 Rotary Rock Picker from Rite Way Mfg. Co. Ltd., is the largest machine of its type on the market. It features an hydraulically-controlled picking height and has a minimum five-ton (4.5-metric ton), three-cubic yard (2-m³) hopper capacity. Its powerful hydraulic motor can be jammed or stalled without damage and it shuts off to pick up larger rocks.

easy filling that holds 400 imperial gallons (1,820 litres). Special features of Rite Way's sprayer include no pressure drop on the nozzle and an optional extension kit that increases its length to 84 feet (26m).

Rite Way's multiple hitch and packer make a level, firm, seed bed that preserves moisture; betters germination and growth; controls plant disease, weeds and insects; and advances the maturity of the crop.

Currently exporting to the United States, Rite Way wishes to introduce its products to South American buyers and to the European market, particularly Germany and France.

Code 3-161

Crops and fields cultivated with care

McKee Bros. Limited of Elmira, Ontario, has recently added three new products to its impressive line of farm equipment available for export.

Previously manufactured by an Exeter, Ontario, firm, J.F. Farm Machinery Limited, the three newest McKee products are: a row-crop cultivator; a three-point hitch spring-tooth field cultivator; and a pull-type spring tooth field cultivator.

The big feature of the Row-Crop Cultivator is the speed and simplicity with which the tines can be adjusted. The tines are grouped in fives with each gang fitted to an individual parallel support linkage which ensures uniform penetration. To provide adequate flotation, a depth wheel is fitted to each individual gang.

Each gang works independently, allowing the cultivator to work efficiently on uneven ground with ample clearance under the gangs to prevent an accumulation of trash. And the gangs are adjustable to cover several different row spacings.

The S-tines, with a three-year warranty, are built of very high spring steel. A wide choice of shares is available for the tines. A 1-3/8-inch (4-cm) reversible point is standard but a 2-3/4-inch (7-cm) goosefoot share, a 4-inch (10-cm) row crop share as well as a 7-inch (18-cm) row crop sweep can also be supplied. The Row-Crop Cultivator is available in regular sizes from 2 to 12-row models with the larger models having an hydraulic wing lift.

The new Three-Point Hitch Spring-Tooth Field Cultivator is designed and built in a modular system. With a variety of sizes from 5 feet, 8 inches (1.73m) to 20 feet, 4 inches (6.2m), a model is available for any standard three-point hitch tractor up to 110 horsepower.

Some of the most important features of the Three-Point Hitch Cultivator include: the frame members being woven into each other for an exceptionally strong frame; heavy-duty (3.2cm x 1.2cm) S-Tines in place of standard 3.2cm x 1cm S-Tines; a deep frame to prevent trash accumulation and an 11-foot (3-m) centre section with 5 x 8

tires; optional double rolling harrows for making a firmer seed bed by bringing the small lumps to the top to prevent a crusty surface from forming after heavy rains; and optional long-fingered harrows with adjustable pitch are also available for each model.

As larger tractors come on the market, it is necessary to make larger implements to put behind them for more efficient and economical use.

McKee Bros. new Pull-Type Field Cultivator in sizes from 18 feet, 4 inches (5.5m) to 32 feet, 8 inches (9.75m) are manufactured especially for use with the bigger tractors. Because the new model is a pull-type version of a spring-tooth cultivator, more efficient use can be made of both tractor size and horsepower. It comes with extra heavy-duty (3.2cm x 1.2cm) tines and has a heavy tubular steel frame with 15-inch (38-cm) wheel rims on the wings as well as on the centre section.

The Cultivator is lifted and lowered by a standard 8-inch (20-cm) hydraulic cylinder and the wings are lifted by a special cylinder with provision for floating incorporated in the lifting system.

Double rolling harrows and long fingered harrows with adjustable pitch are also available for this cultivator.

McKee Bros. currently exports to Australia, New Zealand, South Africa, South America and Eastern Europe.

Code 3-261

For your bookshelf...

What Canada has to offer the world agricultural community is described in a new booklet — Canadian Agricultural Consultants / Consulting Agrologists — just published by the Canadian Department of Industry, Trade and Commerce. Printed in English, French and Spanish, the brochure lists 39 Canadian agricultural consulting companies and their specialties. Areas of expertise include: field crops; horticulture; animal science; soils; insects, diseases and pests; agricultural engineering and marketing; and agricultural personnel.

Code 3-302

Mowing grass, harvesting sod? Simple tasks, the Brouwer way

Manufacturers of the world's most popular sod harvester, Brouwer Turf Equipment Limited of Keswick, Ontario, recently introduced its new P.T.O. gang mower to the international market.

Ideal for cutting park, school, estate and institutional grounds, golf courses and cemeteries, the P.T.O. gang mower is noted for its transportability. It is easily moved from one work location to the next by one man using any powered vehicle. An added feature: for transport purposes, it slims down from an operating width of 140 inches (356cm) to 82 inches (208cm).

Capable of mowing in wet or soft areas, the P.T.O. gang mower is constructed of strong, lightweight, high stress structural steel. It requires less horsepower and less fuel than conventional wheel driven mowers and, at normal speeds, can cut up to five acres (two hectares) per hour using a 24 horsepower tractor.

With its proven "V" belt drive, the P.T.O. mower eliminates the need for heavy wheels, gear boxes, hydraulic pumps, motors and hoses. This weight reduction reduces compaction and flattening of grasses, making it possible to mow grass 10 inches (25cm) high.

The mowing unit, because it stays in line, can be easily backed up to walls, curbs and other hard-to-get-at-areas. Its unique pivot design also allows the unit to follow rough contours and to mow slopes without side slip. Adjustable to cut from a height of 1/2 to 3 1/4 inches (1.3

to 8.3cm), the P.T.O. mower is available in three and five gang units with a choice of four, five or six blade reels to suit a variety of grasses and conditions.

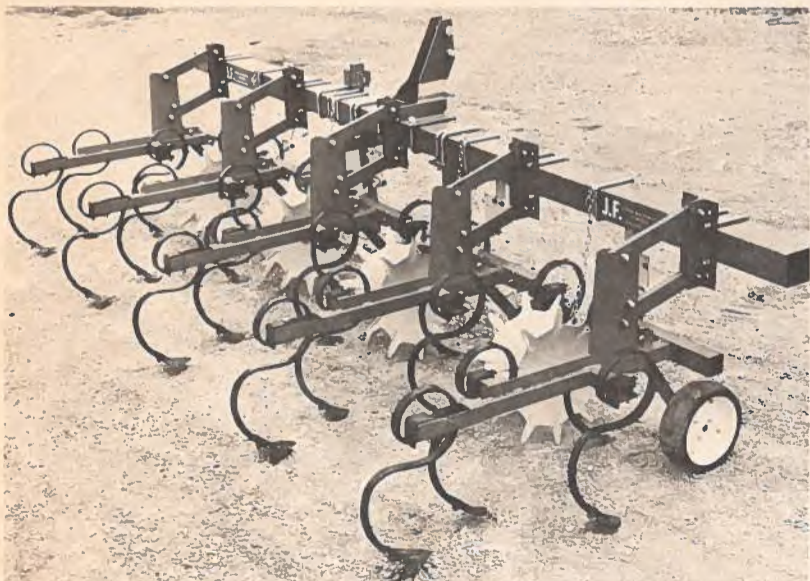
Another highly successful Brouwer product — the Model A3 sod harvester, cuts high labour and repair costs and will roll, slab or single fold turf grasses in widths of 15, 16, 18 and 24 inches (38, 41, 46 and 61cm).

Fast, highly manoeuvrable and with simplified controls, the Model A3 sod harvester can be easily operated by unskilled persons. Operated by two or three men, it reduces the personnel required by as many as five in some functions.

An added feature is that the model has been designed with the capability to harvest sod by any of the three most generally accepted methods. This is accomplished by purchasing an easily installed attachment, eliminating the need for an additional high cost machine to perform a specific operation. The bolt-on folding attachment is adjustable to single fold slabs up to 54 inches (137cm) long.

The Brouwer sod harvester is constructed of heavy tubular steel and features an hydraulically powered cutting knife and conveyor to provide trouble-free operation. Adjustable to cut lengths from 18 to 98 1/2 inches (46 to 250cm), the design also assures smooth, uniform thickness, adjustable up to two inches (5cm).

Code 3-461



This Four-Row Crop Cultivator from McKee Bros. Limited, Elmira, Ontario, has longer gangs for better trash clearance and its narrow spring-tine shanks go through the soil easily. Shovels are available to match any field conditions with the vibrating shovel doing the work so there is less strain on the tractor. Available in 12 model sizes, the cultivator's spacing is adjustable from 28 inches (71cm) to 40 inches (102cm).



The job of mowing grass or rolling, slabbing and folding sod is a simple task when using machinery manufactured by Brouwer Turf Equipment Limited of Keswick, Ontario. Brouwer's Model A3 sod harvester, shown here with canopy, will roll, slab or single fold turf grasses in 15, 16, 18 and 24-inch (38, 41, 46 and 61-cm) widths of cut. The company's P.T.O. gang mower can mow grass up to 10 inches (25cm) high.

For agricultural technology, equipment

Contact Interimco

As the marketing arm for a number of Canadian companies involved in the manufacture of farm equipment, Interimco Limited is totally committed to export business which assures its international customers of excellent full-time attention and service.

An Ottawa, Ontario, trading company, Interimco specializes in the supply of capital goods and services either as separate items, packages or on a complete turnkey basis.

In the field of agricultural development programs, the firm's Agricultural Division provides a uniquely coordinated approach. It puts into practice the theory that agricultural development is a combination of integrated services and materials by offering a full complement of agricultural machinery, equipment and expertise.

The services offered by the Agricultural Division through its own agronomists, agricultural and mechanical engineers and service representatives, include agri-studies, farm management and operation, training programs, after-sales service, equipment operation, maintenance and warranty service, and spare parts supply.

For the handling and storage of grains and other agricultural produce, the Division can supply both individual pieces of equipment and complete turnkey projects. Such equipment consists not only

of the buildings, but machinery for aerating, conveying, drying, separating, grinding, rolling, mixing, cooling and blocking. The companies represented by Interimco in this field include Westeel-Rosco Ltd., Sullivan Strong Scott and Westlake Agricultural Engineering Ltd.

The Agricultural Division's dairy and livestock group is also unique in its efforts to export complete package capability. Staffed by experts and working with major Canadian suppliers, Interimco markets highly functional, low cost complexes including livestock, buildings and the equipment. The company's sales support group takes care of all the logistics for each project including packaging, transportation and financing.

Five of the companies represented by Interimco are featured on pages 4 and 5 of Canada Courier. Others include: Balthes Farm Eqpt. Mfg. Ltd.; Craig's Mfg. Ltd.; Dalman Enterprises Ltd.; Edwards Rod Weeder Ltd; Farm King Ltd.; Inland Steel & Forgings Ltd.; and Wittke Iron Works Co.

For more information about these companies, Interimco, or the firms described on these pages, fill in the trade inquiry form on page 7 quoting the Code listed at the end of each article and where necessary, indicating specific interest.

Code 4-161

New line of tractors lives up to name

Four-wheel-drive tractors, self-propelled and pull-type windrowers, cultivators, harrow drawbars and sprayers make up the agricultural package that Versatile Manufacturing Ltd. offers the international farming market.

The Winnipeg, Manitoba, company's new Series II line of tractors features five different machines modelled after tractors with proven performance ability in the field. Series II consists of the Versatile 700 at 212hp, the 800 at 235hp, the 850 at 280hp, the 900 at 295hp and the big new 950 at 350hp. All new models are equipped with Versatile's own specially designed heavy-duty transmission and axles and feature the reliable Cummins diesel engine.

In 1977, Versatile will have available a range of four-wheel-drive fully hydrostatic tractors from 70 to 150hp that will

surpass conventional two-wheelers on the market today. With better weight distribution, greater productivity, faster working speeds, easier handling and lower maintenance and repair costs, the four-wheel-drive vehicles should be one of Versatile's most popular products.

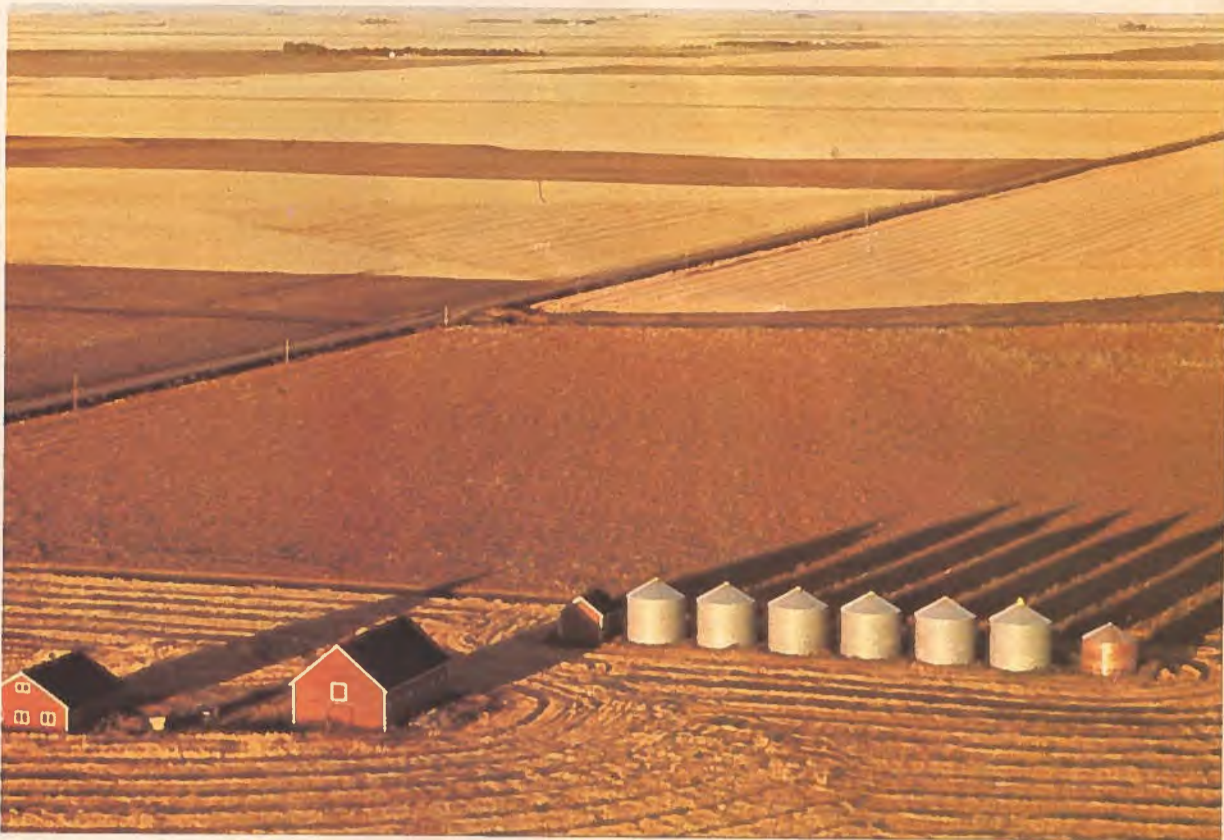
Also produced by Versatile is the SP 400 Swather with headers from 12 to 20 feet (4 to 6m). In addition, the company manufactures pull-type swathers in 15, 18 and 20-foot (4.5, 5 and 6-m) sizes.

Working closely with its international marketing arm, Interimco Ltd., Versatile helps to ensure the proper operation and maintenance of its equipment. The concept of packages of farm equipment, especially for remote areas, is particularly aided by this attention to after-sales care.

Code 4-361



Versatile Mfg. now has tractors operating in 11 countries. Shown here is Model 700 doing seeding work on one of Algeria's large grain-growing co-operatives.



One of the areas in which Interimco is involved is "Dry Land" grain farming. The company's Agriculture Division specializes in the transfer of Canadian agricultural technology overseas and the supply of equipment to implement that technology.

Heavy-duty implements make light of tillage and seeding

Farm operations, large or small, will benefit when high quality, heavy-duty Terra implements are used for tillage and seeding.

The company's Disc Harrow-Seeders give the farmer the choice of 12 or 15-foot (3.7 or 4.5-m) working widths and 18 or 20-inch (46 or 48-cm) blades with the possibility of extending their use by adding an optional granular fertilizer attachment.

Terra's medium-duty line of disc

harrows range in size from 12 feet to 21 feet (3.7 to 6.4m) with heavy-duty models from 10 feet (3m) to 16 feet (5m). Both implements are hydraulically controlled to achieve maximum tillage depth and ease of transportation. They can also be fitted with optional blade sizes and types as well as blade spacing.

Double Disc Press Grain Drills are offered in 7 and 10-foot (2 and 3-m) sizes with a multiple hitch for duplex

and triplex units. A fertilizer attachment is available as an option.

Two series of Terra chisel plows ranging from 17 feet (5m) to 41 feet (12m) are also manufactured. These heavy-duty units are hydraulically controlled for maximum plowing depth and equipped with folding wings for easy transportation.

Terra Implements Ltd. is located in Minnedosa, Manitoba.

Code 4-261

Discs do the job, no matter the soil



Regardless of the soil conditions, heavy-duty discs from Ezee-On Mfg. Ltd., Vegreville, Alberta, will do the job. Available in three different styles, they feature numerous combinations of blade size, thickness and spacing as well as hydraulic and spring-assisted wings. Tandem discs are manufactured in a variety of sizes ranging from 9 1/2 feet (2.9m) to 21 feet (6m). Offset discs are produced in working widths down to 10 1/2 feet (3.2m) and up to 18 feet (5.5m). Double offset discs range from 22 feet (7m) to 30 feet (9m). Both six gauge and 1/4-inch (.635-cm) thick blades are offered in 22-inch (56-cm), 24-inch (61-cm) and 26-inch (66-cm) diameters. Disc models can also be ordered with either 9-inch (23-cm) or 10 1/2-inch (27-cm) spacing. Ezee-On heavy-duty offset discs are finding a ready home in countries involved in grain farming. Above is Model 1600 being readied for work in Africa.

Code 4-461

Specialists in cereal grain production equipment

Canadian Co-Operative Implements Limited, located in Winnipeg, Manitoba, is a farm machinery manufacturing and distributing co-operative owned and controlled by Canadian farmers.

The equipment manufactured has been especially designed for cereal grain production and includes: cultivators, chisel plows, cultivator shovels and chisels, disker seeders, pull-type windrowers, self-propelled windrowers,

pull-type combines specifically designed for windrow harvesting, and self-propelled combines.

Field and tillage cultivators manufactured by the Co-Op are specifically designed for varied and difficult tillage operations. Features include tandem centre wheels for smoother operations, reliable depth control and a special design to minimize plugging. They are available in widths up to 39 feet (12m).

With the Co-Op's multi-width disker, farmers can till, seed and fertilize in one operation. The disker was developed more than 25 years ago in the dryland conditions of Western Canada and has been thoroughly tested and proven in a wide variety of conditions and localities. It is rugged and dependable and can be used in virtually all field conditions. Working widths available range from 12 feet (4m) to 20 feet (18m).

Code 5-161



A durable machine, this light cultivator, Model 200, from Canadian Co-Operative Implements Ltd., can be used through three seasons — early spring seedbed preparation — summer weed kill — and fall tillage. A unique transport system makes all 200 series cultivators easy to handle and inexpensive to operate.

Soils cultivated, conserved by Noble

For cultivation and conservation, Noble blades cut a wide sweep. Manufactured by Noble Cultivators Limited, Nobleford, Alberta, the company's wide sweep cultivator has shovels of five, six or seven feet (1.5, 1.8 or 2.1m) in units of three, four or five shovels per machine.

The units are designed to cultivate the land while retaining the surface crop residue and trash to conserve moisture and prevent wind erosion. The trash can then be drilled with Noble's High Clearance Drill which assures penetration and un-

iform seed placement down to the moisture level without burying the seed too deep to retard germination. No dry soil or trash is worked in with the seed. Models are available in hitches of from two to seven units.

Noble Stubble Harrows, designed primarily for use just prior to the seeding operation, continue the cultivation process by breaking up and distributing crop residues on the soil as well as destroying small weeds.

Trash buildup and bunching of trash in the field is no problem with the Stubble

Harrows since their self-cleaning rings continually receive a surging action from the wheel cranks. Four models are produced in working widths of 20, 24, 30 and 36 feet (6, 7, 9, and 11m).

There are more than 600 Noble dealers spread across Canada and the Western United States with shipments made direct from the plant to the dealer via company-owned trucks. Through its export agent, Interimco, Noble Cultivators has begun marketing its products abroad.

Code 5-261



The Noble DK-5 High Clearance Drill seen here in action permits sowing down to firm moist soil without covering seeds to excessive depth. Noble also manufactures three-point cultivators that are ideal for orchards, vineyards, tree belts, row crops and small farms.

No electrical parts or special plumbing

Countertop dishwasher does it all

Automatic dishwashing is available to everyone with Lorad Industries' Whirl-O-Way countertop dishwasher.

A practical, water-pressure operated machine that is safe for crystal, china or plastic dishes, the Whirl-O-Way has no electrical parts and requires no special plumbing. It is gentle and thorough, using water from the faucet that is hotter than bare hands can endure.

In just five minutes, a service for four can be washed and dried. The Whirl-O-Way has one fast cycle pre-rinse, a wash cycle, re-rinse and drying cycles. Detergents are dispensed automatically throughout the wash cycle and ordinary liquid detergents can be used — no special soaps are required. But liquid addi-

tives, such as water softeners, can be used with the Whirl-O-Way if desired.

The Whirl-O-Way can also be used to drain pots and pans after conventional washing or for storing clean dishes.

Weighing less than 10 pounds (4.5kg), the Whirl-O-Way sits on the countertop for fingertip level stacking — eliminating customary bending associated with conventional automatic dishwashers. And because it is so portable, the Whirl-O-Way can be used in the smallest kitchen without taking away valuable counter space.

Patented in Canada and the United States, and with patents pending across Europe, Lorad Industries Limited wishes to expand its export markets.

Code 5-367



Ideal for the home, cottage or apartment, the Whirl-O-Way from Lorad Industries Limited, Toronto Ontario, is a fully automatic countertop dishwasher that washes and dries a complete service for four in just five minutes.

Aluminum coating for first-rate protection



Any metal or masonry surface — roofs, masonry side walls, metal buildings and storage tanks — are economically and efficiently protected from heat, water and corrosion with the application of Alumanation 301, a heavy-duty liquid aluminum coating manufactured by Republic Powdered Metals of Bramalea, Ontario. Alumanation, which provides excellent protection in areas subject to severe moisture conditions, will coat, calk, waterproof, rustproof, beautify and extend the life of any structure on which it is applied. And it will not slip, sag or run — even when applied on a vertical surface! Pigmented with aluminum to create a barrier against ultraviolet attack, the material's surface makes it a great heat reflector: temperatures inside an Alumanation-coated structure may be reduced by as much as 15°F (-9°C). Alumanation's asphalt base also makes it a superior waterproofing material. In fact, it is guaranteed to waterproof for 10 years. Lightweight — no hot tar or surface application of gravel or slag is needed — Alumanation is easily applied by brush or heavy-duty spray equipment. One application of Alumanation provides a film thickness eight times greater than a coat of ordinary paint. Republic Powdered Metals is interested in exporting its Alumanation 301 to markets throughout the world.

Code 5-465

Sonar systems from Fleet

Specialized acoustic detection devices and handling systems used by naval and commercial enterprises in many areas of the world are produced by Fleet Industries of Fort Erie, Ontario.

A leading designer and manufacturer of sonar equipment since 1958, Fleet is a specialist in hydrodynamic fairing and handling systems and is noted internationally for its fixed hull-mounted, retractable hull-mounted and towed devices with mechanisms for handling variable depths.

One of the company's most recent developments is a variable depth towing system for small ships.

The towed body is nine feet (2.7m) long, has a compass heading system and, with tow cable, weighs approximately five tons (4.5 metric tons). The system also includes a small ship fixed-dome and transducer system.

Fleet's variable depth towing systems launch, tow and recover underwater vehicles. One such system carries 328 feet (100m) of wetted 61 conductor faired tow cable and, with a limited number of controls, can be operated by one man. The boom is driven by a single hydraulic rotary actuator; the winch by hydraulic motor with integral hand brake.

Another Fleet designed and fabricated towed body is called "the body of revolution acoustic" — it allows 360 de-

grees acoustic transmission and reception. This underwater device is constructed in sizes ranging from 1.5 feet (0.457m) to 18 feet (5.5m) in length. The vehicle contains a transducer which is hydrodynamically faired by the towed body to reduce noise generation.

As part of its line of mechanical underwater systems, Fleet Industries offers a patented low-drag "no gap" cable fairing system that reduces noise, increases body depth, improves stability and reduces the ship's horsepower requirement.

All of Fleet's sonar domes are designed to meet a number of factors including acoustic transmission without causing loss of power or defraction of the radiated pattern; structural requirements are such that they will withstand high sea states without deformation, rupture or breaking away; and they are hydrodynamically faired — a Fleet steel fairing specialty — to eliminate vibration and flow noise and to reduce drag.

Fleet's retracting mechanisms for hull-mounted sonar domes are rugged, compact and extremely serviceable. The systems are driven by electro/hydraulic means, with two versions being offered to customers — a vertical lift type and a rotary type. Fleet can readily adapt the retracting system to meet each particular class of ship design.

Interested in increasing the export of these systems to naval and commercial enterprises, Fleet Industries has designed, manufactured and put through sea trials numerous hull-mounted sonar dome and variable depth systems of various types for the Canadian and other navies of the world.

These include three types of hull-mounted systems and two V.D.S. systems for the Canadian Navy; a V.D.S. and hull-mounted system for the West Germany Navy; hull-mounted systems for the Belgian, Netherlands and Italian Navies and transducer systems and heat exchangers for the United States Navy.

In addition to its expertise in sonar detection devices, Fleet is noted as a major subcontractor to prime manufacturers of radar, aerospace and transportation equipment. The company manufactures such structures as Boeing 707 fins and rudders; McDonnell Douglas DC-9 flaps and ailerons; and Lockheed L-1011 main landing gear doors, cowlings and aft dorsal assemblies.

The company's bonding facilities fabricate such components as antennas, space satellite honeycomb panels and electronic cabinets. Welded products include the FPS-88 reflectors for General Electric; airport radar pedestals for Raytheon; and microwave assemblies for Northern Electric.

Code 6-254



Fresh from the oven

Restaurant baking tastes better, is faster and easier to prepare with an EKA electric oven. Designed and manufactured by Electric Kitchen Appliances (EKA) Inc. of Ste-Foy, Quebec, the oven is used to bake bread, rolls, cakes, pies, pizzas, potatoes and a variety of customer-pleasing dishes. The stainless steel oven, with a heating range of 150°F to 550°F (66°C to 288°C), conveniently plugs into any 120-volt A. C. circuit, eliminating installation costs and allowing the unit to be easily transported and connected in private dining rooms and banquet halls. Equally important, it can be transformed to fit into 50-cycle 220 volt circuits. An added advantage is the warming drawer: when the required baking time — established by a 2 to 20-minute timer dial — has been reached, the product is automatically deposited in the drawer where it is kept warm until serving time. The operator is notified of this by a light signal so there is no need for constant supervision of the baking process. The temperature of the warming drawer remains approximately 135°F (58°C) even when the oven temperature is 375°F (191°C). The oven can be used for conventional baking by switching off the automatic timing device. Overall, the unit measures 24 inches (61cm) high, 28 inches (71cm) wide and 25 inches (64cm) deep. With the heating unit mounted on the rear wall to provide uniform heat diffusion, the oven compartment measures 10½ by 16½ by 18 inches (27 by 42 by 46cm). It also features a three-level adjustable shelf that is designed to handle most sizes of cakes, rolls and pies. Electric Kitchen Appliances (EKA) Inc. is interested in marketing the electric oven in the United States, Britain and other countries of Europe.

Code 6-110

Agribition — best of Canadian livestock on show

Livestock dealers, producers and purchasers from practically every continent are making it a point again this year to spend November 26 to December 3 in Regina, Saskatchewan.

The occasion is the Canadian Western Agribition show which sees the exhibition and sale of some of the finest livestock Canada has to offer.

Incorporated in 1971, the show already is recognized as the true barometer of Canadian livestock and attracts potential purchasers of purebred and commercial livestock from around the world. Visitors from more than 20 countries were among the 170,000 persons to attend the 1975 show.

This year there will be shows and sales of: Aberdeen Angus, Ayrshire, Brown Swiss, Charolais, Chianina, Gelbvieh, Horned Hereford, Polled Hereford, Holstein, Limousin, Salers, Maine-Anjou, Shorthorn, Simmental, market steers, commercial calves, American quarter horses — a first for the fair — sheep and swine.

There will also be shows of Galloway and sales of Beefalo, Blonde d'Aquitaine, Lincoln Red, Marchigiana, Pinzgauer, Romagnola and Tarentaise. Displays will include Gasconne, Meusse-Rhine-Ijssel, Murray Grey,

Normande, South Devon and Welsh Black.

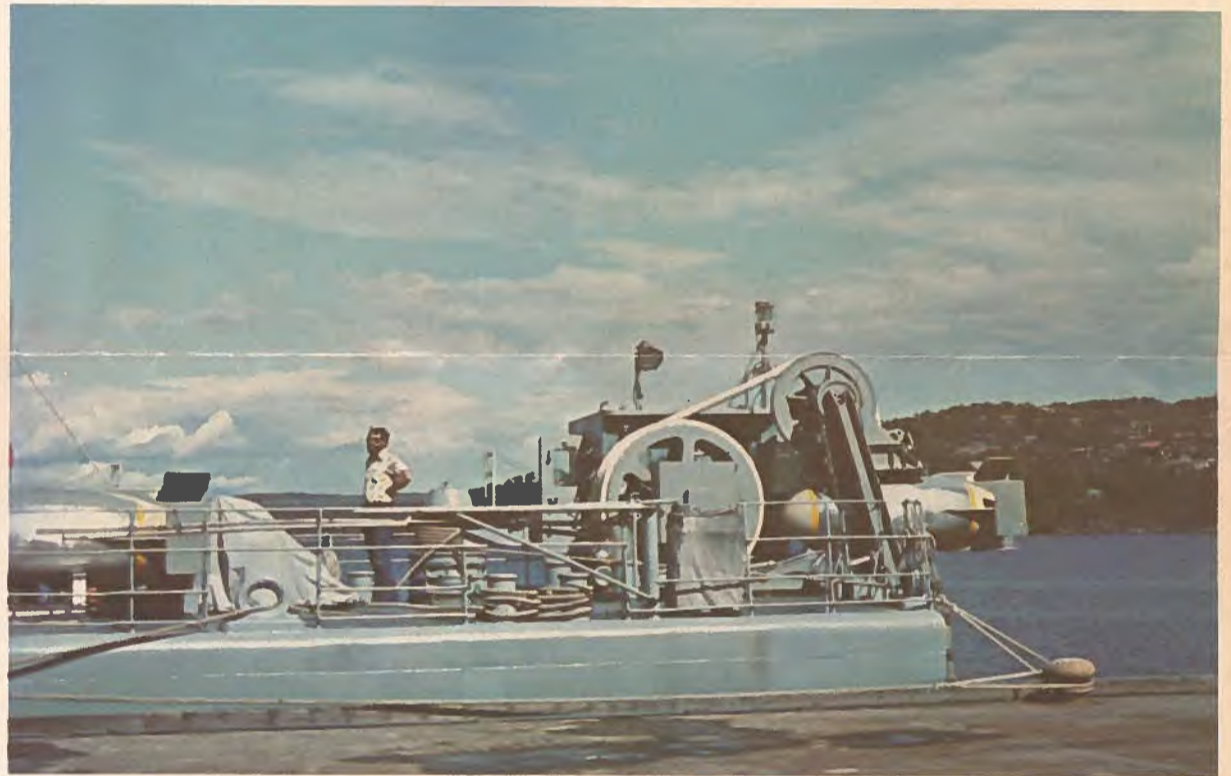
Auction sales are a major part of the Canadian Western Agribition. During the week of the 1975 show, gross auction sales totalled almost \$3,000,000 with animals being sold to various parts of North America, Britain, and South Africa.

In addition, many private transactions are completed as prospective purchasers find animals that meet their breeding program standards. And, when it comes to standards, Canada has a reputation for guaranteeing high quality livestock that are noted internationally for their good health, performance and structural soundness.

A non-profit organization operated as a service to producers and purchasers, Canadian Western Agribition uses the latest developments in live performance and carcass testing and has ultra-sonic measurements for fat cover and rib eye.

There are displays of artificial insemination units and livestock publications. Also on hand are representatives from importing and exporting companies and from livestock insurance companies.

Complementing the show is a display by manufacturers and distributors of the latest in farm and homestead mechaniza-



This small ship variable depth system hoist mechanism and towed body, currently installed on a Republic of West Germany naval research ship, is designed and manufactured by Fleet Industries of Fort Erie, Ontario. A specialist in hydrodynamic fairing and handling systems, Fleet is also a major subcontractor to prime manufacturers of sonar, radar, aerospace and transportation equipment.

tion. This provides and opportunity to demonstrate innovations in new machinery that will assist and improve agricultural production.

It is anticipated that 170,000 people will attend the 1976 Canadian Western Agribition in Regina, Saskatchewan. Incoming visitors may have accommodation and travel arrangements attended to by the Canadian Western Agribition Association. Canada Courier will be glad to pass on requests for further information to the organization — just fill in the trade inquiry form on page 7.

Code 6-302

Some of Canada's finest livestock are auctioned off to buyers from around the world during the Canadian Western Agribition in Regina, Saskatchewan. At the 1975 show, 1,100 breeders exhibited more than 4,000 head of livestock to an estimated 170,000 people. This year's Agribition takes place November 26 to December 3.





The result of an international design competition which saw submissions by several hundred artists from more than 50 countries, the sixth series of Canadian sterling silver Olympic coins, designed by Japanese graphic artist Shigeo Fukuda, illustrates Olympic team and body contact sports. Depicted are field hockey, fencing, football and boxing. In each coin the bold silhouette of athletes in Olympic competition stands out against a background representing a sunburst. Repeated in each coin, the silhouette effect provides a unity and flow to all four designs. Code 7-162

Distinguished designs in silver and gold

Olympic Coin Program

To help finance and to commemorate the 1976 summer Olympics in Montreal, seven separate series of British sterling silver coins — 28 coins in all — were struck at the Royal Canadian Mint in Ottawa for international distribution. Each series, depicting various Olympic motifs, consists of two \$10 and two \$5 coins, all bearing the profile of Queen Elizabeth II on the obverse side. Sales, which are expected to continue until the end of this year, are more than encouraging. Prior to the commencement of the Olympics on July 17 — and prior to the issuance of the series described here — gross sales from around the world had already totalled approximately \$200,000,000. Topping off the entire Olympic Coin Program — which also financially assists the athletes — is the limited edition gold coins. Sales of both the silver and gold are expected to contribute \$125,000,000 towards financing the 1976 summer Olympics.

Series VII, the Olympic souvenir issue, completes the 28-coin collection. Designed by Elliott Morrison, president of the design-consulting firm Stewart & Morrison Ltd. of Toronto, Ontario, the coins depict three of the major installations in Montreal and the traditional Olympic flame. Featured are the Olympic stadium, site of the official opening and closing ceremonies, track and field, swimming and other events; the Olympic velodrome, site of most of the cycling and judo events; and the Olympic village, the athletes' residence. In each coin, converging sets of parallel lines symbolize the coming together of athletes and an international audience. Both the stadium and velodrome are based on the design of French architect, Roger Taillibert. Code 7-262



Canada's internationally acclaimed designer of medals, Dora De Pedery-Hunt, works on her original, three dimensional plasticine cast for the \$100 Canadian Olympic gold coin. The coin is of special interest for several reasons: it is Canada's first \$100 coin; it is the first time a \$100 coin has been minted by an Olympic host country; and it is the first gold Olympic coin in modern history. The limited edition, which has already attracted much interest, is available in 14-karat brilliant uncirculated and 22-karat proof qualities. Depicted is the standing figure of the goddess Athena with her attributes — sheepskin, lance, helmet and owl. Her left hand rests on the shoulder of an athlete, standing naked but for a headband and carrying the victor's garland and sash. The brilliant uncirculated coin weighs 13.3375 grams and has a pure gold content of 7.7759 grams. It is 27mm in diameter. The proof coin of 0.9166 fine gold weighs 16.9655 grams and is 25 mm in diameter. Code 7-362

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Modern industry and commerce merge with the fair face of tradition in ...

HALIFAX



Since its founding in 1749 by Colonel Edward Cornwallis, Halifax, Nova Scotia, has been a city of firsts.

From Halifax came Canada's first representative government, post office, printing press, newspaper, public school, savings bank, zoo and church.

Originally a garrison town, Halifax was chosen for settlement because of its strategic location and excellent harbour. The spoon-shaped harbour has always been important to the development of the city and today the Port of Halifax is the focus of active commercial trading reminiscent of the days when Nova Scotia's sailing vessels traded the marketplaces of the world. The deep, ice-free harbour is close to the principal shipping routes, a fact of crucial importance to exporters and importers.

The busiest container terminal in Canada is located in Halifax Harbour. In 1974 the 60-acre (24-hectare) complex handled more than 1,700,000 tons (1,542,526 metric tons). Its three 45-ton (41-metric ton) gantry cranes move containers directly to the ship-rail interface so they can set out for the lucrative trading centres of America and Eurasia.

Because of its high ratio of exports through excellent transportation facilities, Halifax is one of the prime

locations on the Atlantic for modern manufacturing. More than 60 new enterprises have been launched in Nova Scotia by international entrepreneurs since the sixties with the city of Halifax most often their choice of location.

The vast array of products made and exported through Halifax by both national and international corporations is diverse — auto assemblers, plastics manufacturers, brewers, producers of sophisticated electronic equipment, chocolate makers, manufacturers of semi-submersible oil rigs and spice traders are all located within the Halifax area.

The variety of programs available to assist manufacturing and processing firms at the municipal, provincial and federal levels also makes Halifax an attractive location to set up business.

There are four fully-serviced industrial parks within the Halifax metropolitan area with a highly skilled work force being provided for new industry from the province's technological and trades training programs. Dalhousie University is particularly famous for its law, medicine and dental facilities.

Through such internationally-renowned research facilities as the Nova Scotia Research Corporation and the Bedford Institute of Technology, a full

range of professional and specialized services oriented towards industrial application is available. In fact, scientific research, in addition to being a fundamental contributor to industry, is rapidly becoming a major industry itself — with metropolitan Halifax being the home of one of the largest scientific communities in Canada.

The metropolitan area is also the largest financial centre in the Atlantic provinces with most of Canada's major banks, including the Bank of Nova Scotia, tracing their origins back to the port city. Today, full financial services in the Halifax area are provided through branches of Canada's major banks, the province's two investment houses, savings and loan companies, trustee company and life assurance firm.

More than 80 real estate brokers and 16 real estate developers serve the area with management services offered by several firms. Business services are provided by close to 400 establishments in the metro area with lawyers accounting for almost half and the rest made up of engineering and scientific services, accounting, market research, interior design, customs brokerage and credit facilities.

Despite its energetic growth in the financial and commercial spheres, Halifax has managed to retain its traditional character and attractiveness. Through a multi-million dollar restoration project along the Halifax waterfront, city planners have been successful in preserving a good deal of the city's rich and colourful history. More than 25 buildings significant to the city's history are being restored to 19th century authenticity including the already completed Privateer's Wharf and warehouses. Today they house an art college, speciality shops, restaurants and entertainment facilities. Canada's oldest Anglican church and university are also within easy walking distance as

is the 1842 fortress, Citadel, which dominates the downtown area.

As a cultural and educational centre, Halifax has much to offer. It continues to attract artists and writers and is the home of the Atlantic Symphony Orchestra and the nationally-acclaimed live theatre company, Neptune Theatre.

Art galleries, museums and libraries are numerous and there are dozens of antique and curio shops in the Halifax area. As for shopping, there are more than 700 retail outlets.

For the sports-minded person, there is professional and amateur boxing; American league hockey; golfing, harness-racing; skating; and cross-country skiing.

But Halifax is most famous for its water activities since it is bounded on three sides by the sea. Swimming, boating, scuba-diving and yachting are at the centre of summertime activities.

For those whose pleasure is food and drink, Halifax has excellent restaurants, many of which specialize in Nova Scotia's famous seafood dishes. The night life scene includes live and recorded music in the city's numerous clubs and cocktail lounges.

More than 3,100 hotel and motel rooms are available in the metro area, furnishing first class accommodation. Halifax is especially equipped to handle conventions with five major hotels providing all the facilities necessary for large gatherings. And with the completion of Metro Centre, the city will have available a new 10,000-seat arena.

Halifax — a city of firsts — offers opportunities in an atmosphere that is unique in its combination of tradition and progress. For further information on Halifax fill in the trade inquiry form on page 7 indicating specific interest.

Code 8-100



One of the three 45-ton (41-metric ton) gantry cranes of the Halifax container terminus working the night shift.



A view of Halifax's North-West Arm, centre of summertime leisure activities.



A night view of downtown Halifax from the opposite side of the harbour.