Advanced Manufacturing and Grain Handling Buyers Guide

A web-based guide to Manitoba’s capabilities in manufacturing, grain-based technologies and industry support services

manitoba.ca/trade/globaltrade/oem
The FWS Group of Companies is committed to its activities in rural communities, and is proud to work with the business leaders that make those communities successful!

The FWS Group of Companies is one of Canada’s leading design-build construction companies. FWS is experienced in the design and construction of a wide range of agricultural and industrial processing facilities, particularly where bulk materials handling, processing and storage is involved.

FWS Industrial Projects Ltd.
FWS Commercial Projects Ltd.
FWS Technologies Ltd.
Sunstone Resort Communities

475 Dovercourt Drive
Winnipeg, MB R3Y 1G4
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Email: info@fwsgroup.com

www.fwsgroup.com
Advanced Manufacturing and Grain Handling Buyers Guide

This guide showcases Manitoba’s diverse capabilities in manufacturing, grain-based technologies and industry support services.

Explore and discover the industry linkages, sector synergies and innovative alliances that have contributed to Manitoba’s global advantage in manufacturing and industry support capabilities.

**AEROSPACE**

**AGRICULTURE**

**BUILDING PRODUCTS**

**CONSTRUCTION/OFF-HIGHWAY**

**INDUSTRIAL**

**RECREATIONAL VEHICLES**

**TRANSPORTATION**

**SERVICES AND INDUSTRY SUPPORT**
Specializing in aluminum castings, high-speed machining and assemblies, we are driven by continuous improvement throughout our organization. It is our people, engineered solutions and efficient manufacturing processes that enable us to meet your needs and provide you with exceptional customer service.
AEROSPACE

- Engine and Aircraft Component Design and Manufacture
- Engine and Airframe Repair and Overhaul
- Precision Machining and Fabrication
- Spacecraft Design and Integration
- Sounding Rocket and Missile Design
- Advanced Strategic Target Systems
- State-of-the-art Training

AGRICULTURE

1. Agribusiness Manufacturing and Technology

- Tractors – 2 Wheel Drive and 4 Wheel Drive
- Windrows, Swathers and Combine Headers
- Fertilizing and Spraying
- Seeding, Tillage and Row Crop Equipment
- Harvesting
- Haying, Forage and Handling
- Livestock Feeding and Handling
- Loaders – Front-end
- Lawn and Garden, Turf Equipment
- Biotechnology – Biomass and Related Technologies
Six decades of harvesting experience have gone into the creation of this machine.

Since MacDon’s founding in 1949 it has been at the forefront of the development and introduction of new harvesting technologies including the self-propelled windrower and combine draper header. Now MacDon is proud to announce the release of its M205 SP Windrower – the first of its next generation of harvesting equipment that promises to take the science of harvesting one step closer to perfection.

**M Series SP Windrower**
A quantum leap forward for SP harvesting, MacDon’s M Series deliver significantly faster in-field harvesting speeds, and highway speeds of up to 23 MPH/37 km/h (with header attached!), thanks to MacDon’s Dual Direction™ technology.

**Also Available from MacDon:**
A Series SP and Pull-Type Augers, R85 SP and Pull-Type Rotary Disc Mowers, D Series SP Drapers, D and FD FlexDraper® Series Drapers for Combines

**MacDon Locations Around the World**
Winnipeg, Canada | Kansas City, United States | Melbourne, Australia | Moscow, Russia

[macdon.com](http://macdon.com)

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**THE CTD GROUP**

1-800-204-6833  WWW.THECTDGROUP.COM

**TOGETHER WE GROW**
AGRICULTURE

II Grain Handling, Storage and Processing Technology

- Grain and Bulk Storage
- Aeration and Drying
- Conveying and Handling
- Bulk Handling and Weighing – Truck and Railcar
- Dust and Pollution Control
- Grain Cleaning and Separation
- Commodity Sampling, Grading and Testing
- Agri-Food – Human Consumption and/or Animal Feeds
- Merchandising and Marketing
- Precision Instrumentation and Controls
- Processing – Equipment and Information Technology
- Training and Education
- Project Consortia Groups – Grain-based
- Animal Production, Genetics and Husbandry
- Transportation – Truck and Rail
Valmar designs and manufactures granular applicators for herbicides, insecticides, fertilizers and forage preservatives, as well as designs custom application equipment for manufacture under license to other manufacturers.

Valmar Airflo Inc.
Box 100, 70 Main Street East
Elie, Manitoba R0H 0H0 CANADA
Tel: (204) 353-2782
Fax: (204) 353-2864
Email: jimg@valmar.com
www.valmar.com
### TRANSPORTATION

- **CANCADE COMPANY LIMITED**
  - Website: [www.cancade.com](http://www.cancade.com)
  - Description: Truck Bodies & Trailers – Loading & Unloading

- **STRONGHAUL**
  - Website: [www.stronghaul.com](http://www.stronghaul.com)
  - Description: Custom Steel & Aluminum Trailers

### SERVICES AND INDUSTRY SUPPORT

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[manitoba.ca/trade/globaltrade/oem](http://manitoba.ca/trade/globaltrade/oem)
Manitoba: Global Leader in Grain Handling

Manitoba is the focal point of Canada’s integrated grain industry. From commodities transportation and marketing; to value-added processing, equipment manufacturing, turnkey construction and more – Manitoba has it all!

This wealth of expertise combines with unique industry cohesiveness and business collaboration in developing solutions to meet international infrastructure needs. That’s why facilities and equipment bearing the “Made in Manitoba” hallmark are contributing to improved efficiency and productivity in countries around the world.
BUILDING PRODUCTS

- Doors and Windows
- Manufactured Housing and Buildings
- Kitchen and Bathroom Cabinets
- Architectural Millwork
- Furniture Manufacturing
- Log Homes
- Building Components and Materials

CONSTRUCTION/OFF-HIGHWAY

- Wheel Loaders
- Land Scrapers
- Industrial Blowers
- Portable Heaters and Heating Fans
- Truck Bodies and Trailers
- Cab Enclosures
- Construction Services – Design/Build, Turnkey and Project Management
- Contracting Equipment – Supply and Rental/Lease
U-TROUGH FARM UNLOADS
SETTING THE STANDARD SINCE 1985

GEARBOX SWEEP DRIVE FEATURES A FULLY ENCLOSED SHIFTING MECHANISM. FOOD GRADE OIL IS USED TO ENSURE NO BIN CONTAMINATION.

BACKPLATE ANGLE CAN BE ADJUSTED TO FINE TUNE INTAKE CAPACITY.

SWEEP STOP LIMITS THE SWEEP TO ONE REVOLUTION AROUND THE BIN, AND IS CONTROLLED FROM OUTSIDE THE BIN.

U-TROUGH AND SWEEP SYSTEM IS CONSTRUCTED FROM TOP QUALITY GALVANIZED MATERIAL.

UNLOADER SYSTEMS ARE AVAILABLE TO FIT 15 TO 66 FOOT BINS. UNLOADER EXTENSIONS FOR CUSTOM INSTALLATIONS ARE ALSO AVAILABLE.

ELEVATOR DRIVE WHEEL PROVIDES AGGRESSIVE SWEEP ACTION, EVEN IN SEVERE CONDITIONS. (PATENT PENDING)

A SINGLE MOTOR DRIVES THE UNLOADER AND SWEEP FROM OUTSIDE THE BIN.

UNLOADERS FIT UNDER MOST STANDARD AERATION FLOORS.

RACK AND PINION GATE CONTROLS ARE STANDARD ON ALL UNLOADERS.

GEARBOX SHIFTER ENGAGES THE SWEEP FROM OUTSIDE THE BIN.

11” U-TROUGH WITH 9” FLIGHT PROVIDES CONSERVATIVELY 5000-6000 BPH UNLOADING CAPACITY.

DOUBLE LENGTH CENTRE GATE PROVIDES 23” OF EXPOSED FLIGHT FOR MAXIMUM UNLOADING CAPACITY.

11” U-TROUGH WITH 9” FLIGHT PROVIDES CONSERVATIVELY 5000-6000 BPH UNLOADING CAPACITY.

UNLOADERS FIT UNDER MOST STANDARD AERATION FLOORS.

RACK AND PINION GATE CONTROLS ARE STANDARD ON ALL UNLOADERS.

GEARBOX SHIFTER ENGAGES THE SWEEP FROM OUTSIDE THE BIN.

COMMERCIAL BIN SWEEP
ZERO ENTRY

POSITIVE DRIVE SYSTEM
ADVANCES THE SWEEP AROUND THE BIN – EVEN IN TOUGH CONDITIONS.

ZERO ENTRY SWEEP CONTROLS LOCATED OUTSIDE OF THE BIN.
INDUSTRIAL

Components, Sub-Assemblies, Spare Parts and Precision Services

- Custom Metal Fabrication
- Precision Machining and Grinding
- Steel/Other Metals – Distribution and Processing
- Fasteners and Wire Products
- Rubber Molding, Components and Accessories
- Castings
- Aftermarket and Replacement Parts – Combines – Other
- Hydraulic Cylinders
- Decals, Labels, Striping and Graphics
- Flighting and Rings
- Gear Boxes
- Hubs, Wheels and Spindles
- Paints, Coatings and Sealants
- Plastic Parts and Products – Injection and Rotationally-molded
- Plastic Repair
- Polyurethane and Composites
- Production Equipment – Supply
- Electronic and Wire Harness Assemblies
- Electronic Monitoring, Instrumentation and Controls
Farm King and Versatile products are designed to meet the needs of North American farmers. Rugged construction and simple operation and maintenance are trade marks of the products we have been building for over half a century.
RECREATIONAL VEHICLES
- Motorhomes
- Tow-behind – 5th Wheel and Travel
- Boats

TRANSPORTATION
- Buses – Intercity and Transit
- Step Vans
- Truck Bodies and Trailers
- Fire Trucks and Parts
- Railcar Wheels
- Metal and Composite Components
- Automobile Components – Electrical
- Military Vehicle Components
Where the world of agriculture comes together.

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Canada’s National Farm Show
Presented by Viterra

More than 700 exhibitors
45,000 qualified attendees from 42 countries
1.8 million square feet of dryland farmland technology

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New Product Introductions
Livestock Production Management
Energy Centre

Plan to see the progress . . . Begins every third Wednesday in June
Evraz Place, Regina, SK, Canada

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SERVICES AND INDUSTRY SUPPORT

- Power Transmission
- Consulting – Business Development, Marketing and Advertising
- Prototype Design and Manufacturing
- Advanced Technical Services – R & D; Testing and Evaluation
- Training and Education
- Government Departments and Agencies
- Industry-focused Associations
- Financing Institutions
- Trade Shows
- Commercial Transport – Truck, Rail, Air, Marine and Inter-modal
- Distributors, Manufacturers’ Representatives and Agents
- Aftermarket Support – Repairs and Rebuilds
- Aftermarket Support – Distribution/Logistics, Warehousing
- Customs Brokers, Freight Forwarders and Logistics
- Passenger Transport
Cultivating Relationships for Life.

A corporate standard ArrowCorp stands by.
ArrowCorp manufactures a complete line of seed, grain and mill processing equipment from our factories located in Winnipeg, Canada and New Brighton, Minnesota. ArrowCorp is the right choice for all your processing needs, from start to finish. Contact us and discover why we say: **40 Years... Count on it.**

**design built • over-engineering • perennial parts program**
**• custom manufacturing • maintenance programs**

www.ArrowCorp.com
For further information contact:
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