

PRAIRIE
MACHINE

**FLEX
SOME
MUSCLE.
FLEXIVEYOR**

For over 40 years,
Prairie Machine's line
of continuous haulage
equipment has been an
integral component in
the most productive
soft rock mines across
the world.

The **FLEXIVEYOR** is a customizable product
line that works in conjunction with any mining
equipment infrastructure to provide a safe,
automated, and continuous flow of ore
—no matter the environment.



**HERE
FOR THE
LONG
HAUL.**

GET OUT OF TIGHT CORNERS.

Even under the toughest mining environments, the Flexiveyor works in conjunction with any mining machine to provide a safe, automated, and continuous flow of ore.

The unique Miner Follower system enables the Flexiveyor to automatically follow any mining machine through all corners of the mine. The Flexiveyor can take corners as sharp as 90° with minimal operator supervision, all while maintaining a throughput rate of up to 1200 tons of ore per hour.

MULTIPLE CONFIGURATIONS TO FIT YOUR OPERATIONS.

The Flexiveyor is available in four configurations to suit the requirements of your unique operations:

- The **Standard Flexiveyor** is the ideal continuous haulage solution in conventional mining environments.
- The **Low-Profile Flexiveyor** brings the same haulage power to mines with lower clearance.
- The compact **Narrow Flexiveyor** integrates seamlessly into mines with restricted entryways and work areas.
- With greater ground clearance, the **Straddle-Over Flexiveyor** is ideal for narrow mines with reduced access or unstable ground conditions.

Maximum total length of 460 ft, available in 600-volt/1,000-volt rating with a tramming speed of 0 to 20 ft/min.



CONTINUOUS HAULAGE. NON-STOP SAFETY.

The Flexiveyor is engineered with safety as its primary concern.

- Automated and manual emergency stops ensure the safety of the operator and surrounding mine personnel
- An optional operator proximity system ensures that mine personnel are clear of hazardous zones during operation
- A fire suppression system for protection in the unlikely event of a fire
- Slow predictable machine movement

**ABLE.
RELIABLE.
SUSTAINABLE.**



FLEXIVEYOR

The Flexiveyor consists of a series of overlapping, conveyor sections that convey ore from any mining machine to a mine site's stationary conveyor belt system.

Each section of the Flexiveyor can operate independently or can be controlled as one synchronized unit to continuously haul ore through confined spaces.

Each car is designed for maximum safety, maneuverability and bidirectional travel, including:

- Hydraulic cylinder steering
- Hydrostatic transmission
- Control override controls for manual steering
- Intelligent lead-axle controls
- Custom steering logic
- Automatic dynamic conveyor belt alignment

Load car

The load car is equipped with a special hopper that receives product from the mining machine.

Intermediate car

The intermediate car is designed to pass product along the length of the Flexiveyor until it reaches the discharge car.

Discharge car

The discharge car follows the mine site's stationary belt structure while the intermediate and load cars follow the mining machine through the site's specific mining pattern.

* Final stages of obtaining MSHA machine approval.



“True quality is a way of thinking, a way of doing business and, ultimately, a way of satisfying our customers’ long-term needs.”

ABOUT PRAIRIE MACHINE.

Prairie Machine is a global leader in the manufacturing and supply of heavy-duty equipment and technical solutions for the mining industry. Located in the heart of the Canadian prairies, Prairie Machine has supplied the industry with high-quality, custom-engineered equipment for more than four decades.

Along with our custom-engineered equipment, Prairie Machine mechanical and electrical divisions provide complete service, training, and support for mine sites worldwide.

Prairie Machine is also one of the only OEMs to specialize in purpose-built battery electric mining technology through our Rokion division. Our battery electric vehicles can be found in some of the largest underground mines in Canada, South America, and Mexico.

We are ISO9001 Quality Management System certified and follow the strict environmental regulations required of Canadian manufacturers. We are committed to maintaining the highest standards of quality, safety, and sustainability so that we can support mines around the world to do the same.



PRAIRIE MACHINE

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