

Metso:Outotec

Feeding solutions

Feeding productivity.
Flexible availability.





Feeding productivity. Flexible availability.

Enabling your highest productivity, Metso Outotec Feeding Solutions are flexible to fit any application with industry-leading availability.

Reliability

Metso Outotec Feeding Solutions has over 125 years of experience in delivering industry leading feeding equipment. With our proven and robust designs, Metso Outotec feeders provide unmatched availability to enable maximum productivity.

Flexibility

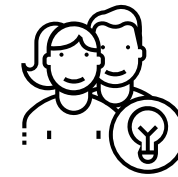
Metso Outotec Feeding Solutions offer a wide portfolio of 3 different feeders: Apron, Belt and the Crossover™. With these options, Metso Outotec has you covered no matter the application to help exceed your operational goals.

Maintainability

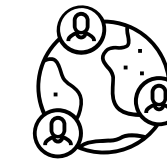
Metso Outotec Feeding Solutions are designed with robust components and to handle any duty in mining. Combining this with the comprehensive services network enables high levels of maintainability and minimal downtime.

Metso Outotec Feeding Solutions

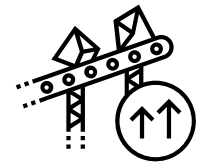
Wide portfolio to meet any feeding application



125+ years of
experience



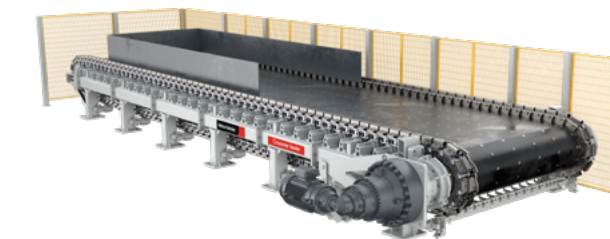
3,000+ installations
worldwide



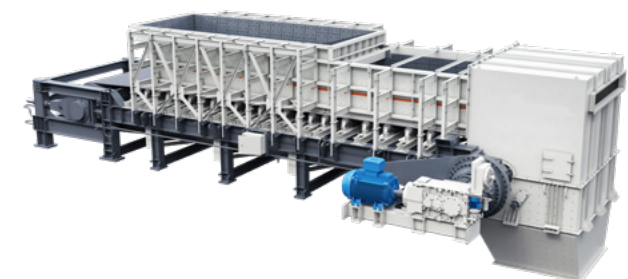
Up to 17,000 tons per
hour capacity



Apron feeders



Crossover™ feeders



Belt feeders

Apron feeders Built for lasting performance

Metso Outotec Apron feeders are built for lasting performance by utilizing robust components that can stand even the heaviest duty applications. They are also economic due to the minimal downtime and pre engineered range that makes sizing and selection simple. All of this is complimented with high levels of safety during installation, operation and maintenance.

Optimal application for an Apron feeder is anywhere from light to extra heavy duty. Applications include feed to a primary gyratory or jaw crusher, primary gyratory discharge, secondary and tertiary stockpile reclaims, railcar dumper discharge and more.

Economic

Metso Outotec Apron feeders provide long equipment lifetimes due to the focus on the lowest total cost of ownership. Minimal downtime results in high availability for the feeder. A range of pre configured models provides customers an opportunity for CAPEX savings and faster delivery from less engineering, time, and resources required.

Reliability

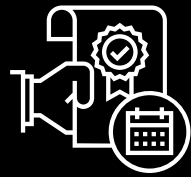
Metso Outotec Apron feeders are a proven solution resulting from years of experience and industry leading expertise. With this comes a reliable feeding solution that performs to help exceed your operational goals.

Low maintenance

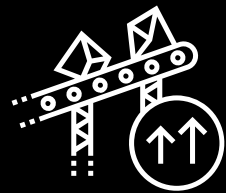
Metso Outotec Apron feeders are a heavy duty tractor chain style feeder. They feature sealed for life track style components which minimize regular maintenance intervals and lubrication. Also with the lubrication system, the feeder is also sealed for life.



**3,000+ installations
worldwide**

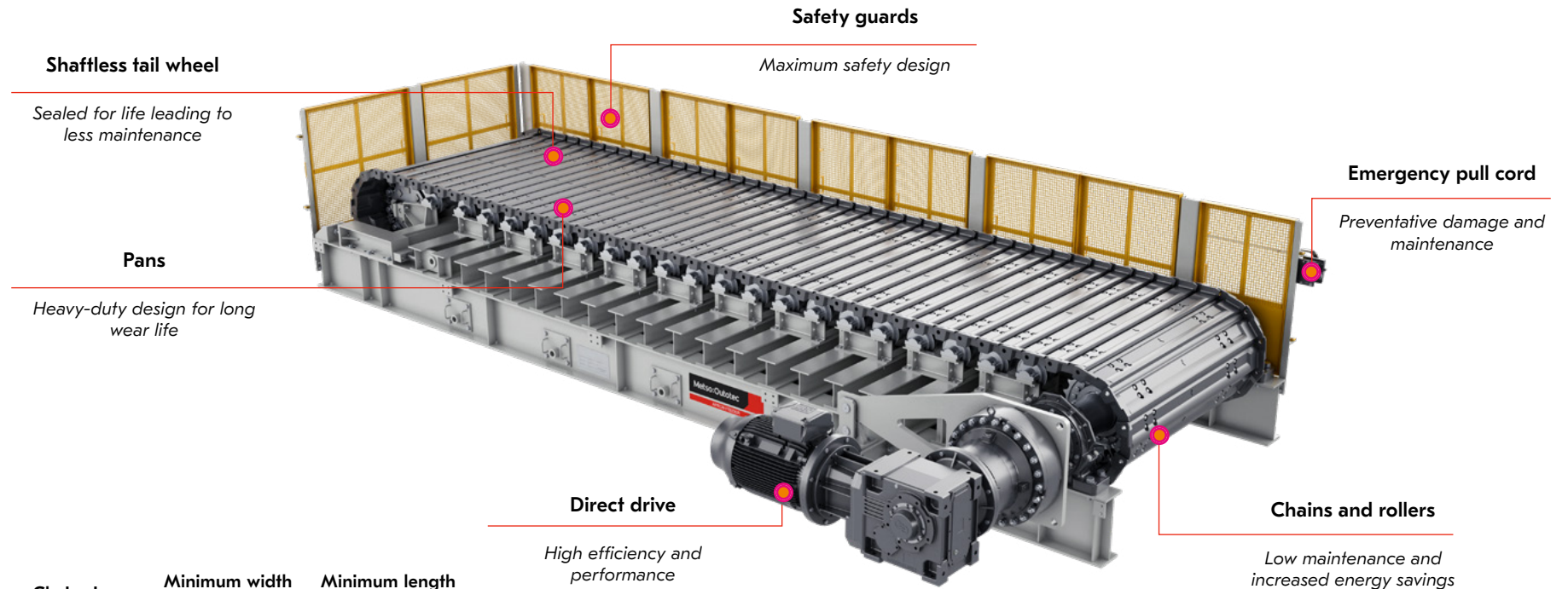


5 year warranty



**Up to 17,000 tons per
hour capacity**

Apron feeders Technical details



Model	Chain size	Minimum width (mm)	Minimum length (mm)
*AF4	FL4	762	2500
*AF5	D4	1219	3400
*AF8	D6	1524	8000
*AF10	D7	2134	8800
AF13	D8	2134	9000
AF14	D9	2134	9000
AF16	D10	2438	10000
AF18	D11	2743	12000

**Pre-configured feeder*

Learn more at
mogroup.com/apron-feeders

Belt feeders Versatile and customizable solutions

Metso Outotec Belt feeders provide a customizable, robust and versatile solution for material transportation. Our experience includes large, high capacity installations, as well as a wide range of system applications. Metso Outotec Belt feeders also focus heavily on high degrees of operational safety.

Optimal applications for Metso Outotec Belt feeders range from light to medium duty. Example applications would include tertiary for reclaim and concentrate, filter cake discharge, railcar dumpers in lighter duty and more.

Versatile applications

Metso Outotec Belt feeders are well known as a diverse feeding solution to fit in a wide range of applications. This includes reverse operations and can even play a key role in crushing systems, tailings operations and many others.

Robust design

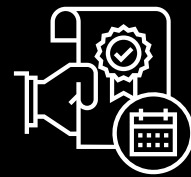
Metso Outotec Belt feeders are built robust and customizable to fit the exact need for the project. With high design capacities, we continue to push the limits in feeding technology.

Complete solutions

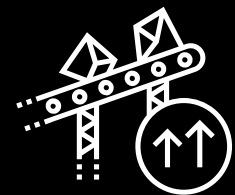
Metso Outotec has a comprehensive offering of ancillary equipment that can be paired with belt feeders. This includes loading skirts, discharge chutes, and ancillary systems. So Metso Outotec can be a one stop partner for a complete feeding solution.



**140+ installations
worldwide**

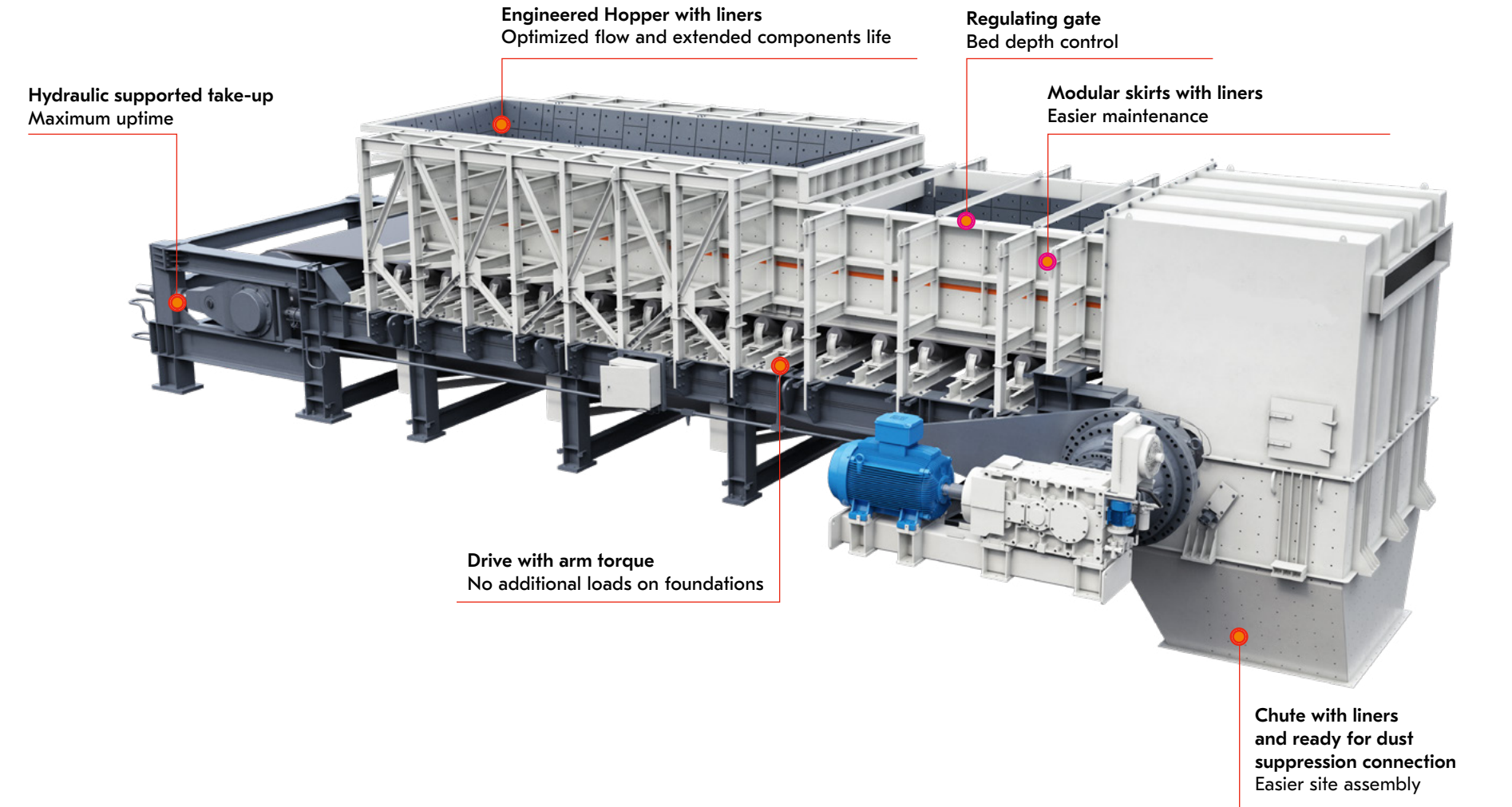


**Safe and efficient
operations**



**Up to 7,500 tons per
hour capacity**

Belt feeders Technical details



Learn more at
mogroup.com/belt-feeders

Crossover™ feeders

Experience driven hybrid feeding technology

Metso Outotec's Crossover™ feeder fits perfectly in the Feeding solutions portfolio to provide an option where a belt or apron feeder would not be optimal. The Crossover™ feeder provides a modular belt-over-apron hybrid feeding solution with an innovative design leading to reduction in overall costs without losing productivity.

Optimal applications for the Crossover™ feeder are light to heavy duty. Examples include Secondary feeding, crushed ore bin, silo discharge, Tertiary stockpile reclaim, Feed to secondary cone crushers and more.

Flexibility

Metso Outotec Crossover™ feeder has a unique design that uses modular parts to allow construction of a feeder of any length. Also with a reduced height and weight, this makes the Crossover™ feeder a top choice for use in restricted area applications including brownfield replacements of other feeders.

CAPEX savings

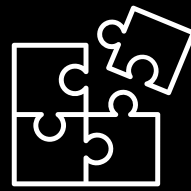
The Crossover™ feeder provides CAPEX savings via its reduced height as compares to other solutions. The lower height requires less excavation and civil works, thus less installed cost.

Lower OPEX

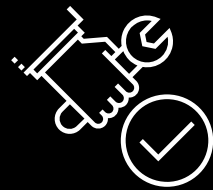
The Metso Outotec Crossover™ feeder is built with robust components. The compact efficient design requires less components than other alternatives, requiring less maintenance, less spare parts.



Height reduction of up to 50%



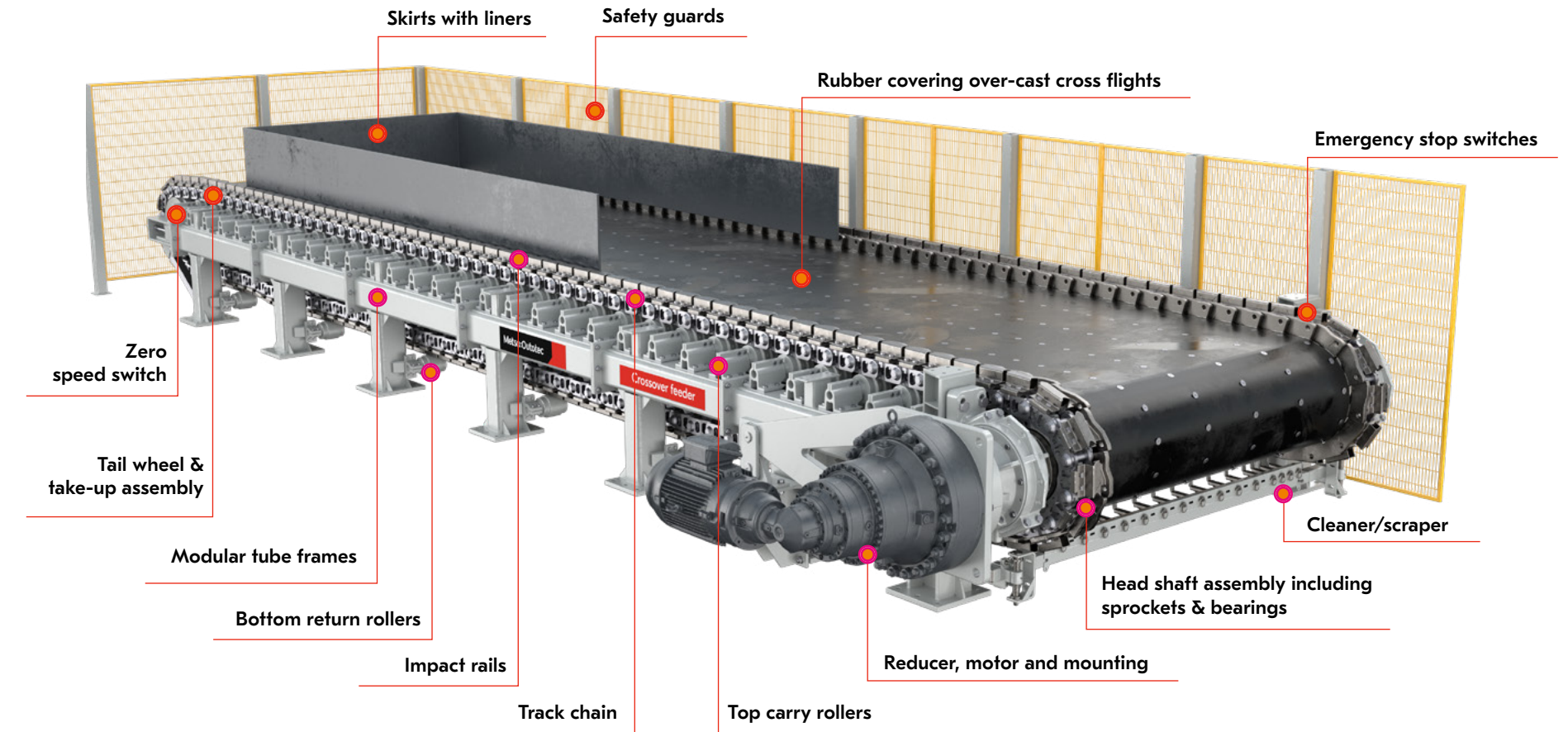
Modular design bringing quicker execution



Lower maintenance requirements

Crossover™ feeders

Technical details



Learn more at mogroup.com/crossover-feeders

More than a century of customer collaboration

In addition to parts and refurbishments for your apron feeders, Metso Outotec also offers the following services that help you get the most out of your machine.

Life Cycle Services

Life Cycle Services (LCS) take the entire range of Metso Outotec services and conveniently bundles them into customizable, easily manageable packages, ranging from the basics to more complete solutions, depending on the scale of your needs. Packages are equipped to cover single-event equipment shutdowns or span multiple years, measured against strict KPIs.

[Discover more on our webpage >>](#)

Field services

Metso Outotec offers a comprehensive set of field services to help meet your maintenance, repair, installation and refurbishment needs. Each service is fully customizable to your exact requirements. Our highly specialized services cover all Metso Outotec and 3rd party apron feeders.

[Discover more on our webpage >>](#)

Inspections and equipment audits

Regular inspections help prevent unplanned mechanical and electrical failures from having a direct effect on your apron feeder's availability and productivity. Metso Outotec also offers other services that help you get the most out of your machines.

- Certified global service team
- Expert assessment and recommendations
- Minimized downtime

Repair and maintenance services

Metso Outotec's service experts provide regular and corrective maintenance services, as well as preventive maintenance options. Repair services are available both on-site and at our global repair centers, depending upon the scope of work required. Our repair facility network offers an extensive range of services stretching from straightforward parts replacement to complete equipment reconditioning.

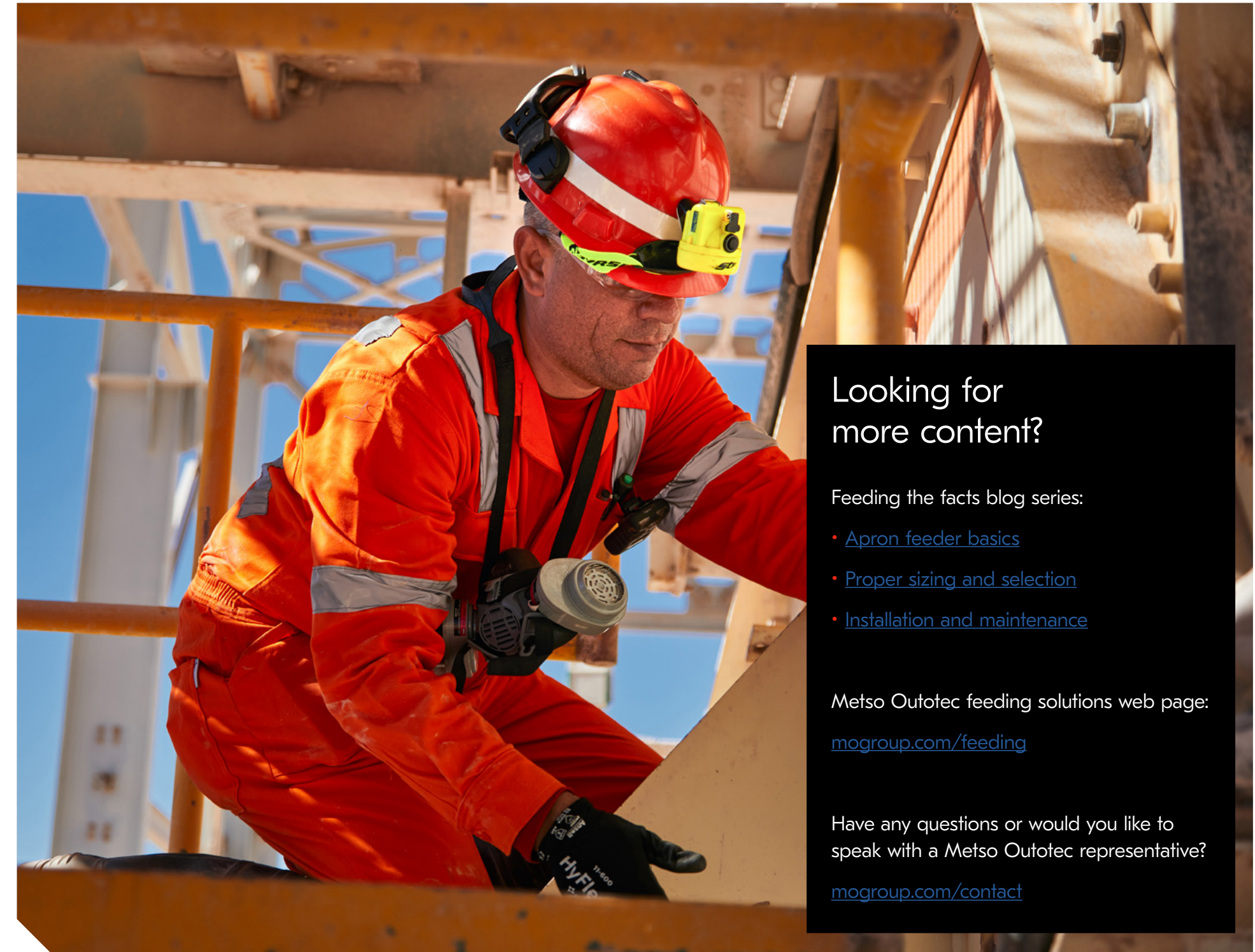
- Global network of service centers
- Skilled and certified technicians
- Cutting-edge technology and tools
- Safe and consistent service standards

[Discover more on our webpage >>](#)

Training

Metso Outotec offers training programs based on expert knowledge of equipment and maintenance procedures. Training programs include online e-training, hands-on modules, specialized courses on apron feeder, along with safety and maintenance training in accordance with global best practices.

- Improved employee motivation
- Full utilization of equipment features
- Maximized productivity
- Safer operation



Looking for more content?

Feeding the facts blog series:

- [Apron feeder basics](#)
- [Proper sizing and selection](#)
- [Installation and maintenance](#)

Metso Outotec feeding solutions web page:

mogroup.com/feeding

Have any questions or would you like to speak with a Metso Outotec representative?

mogroup.com/contact

Metso Outotec is a frontrunner in sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. By improving our customers' energy and water efficiency, increasing their productivity, and reducing environmental risks with our product and process expertise, we are the **partner for positive change**.