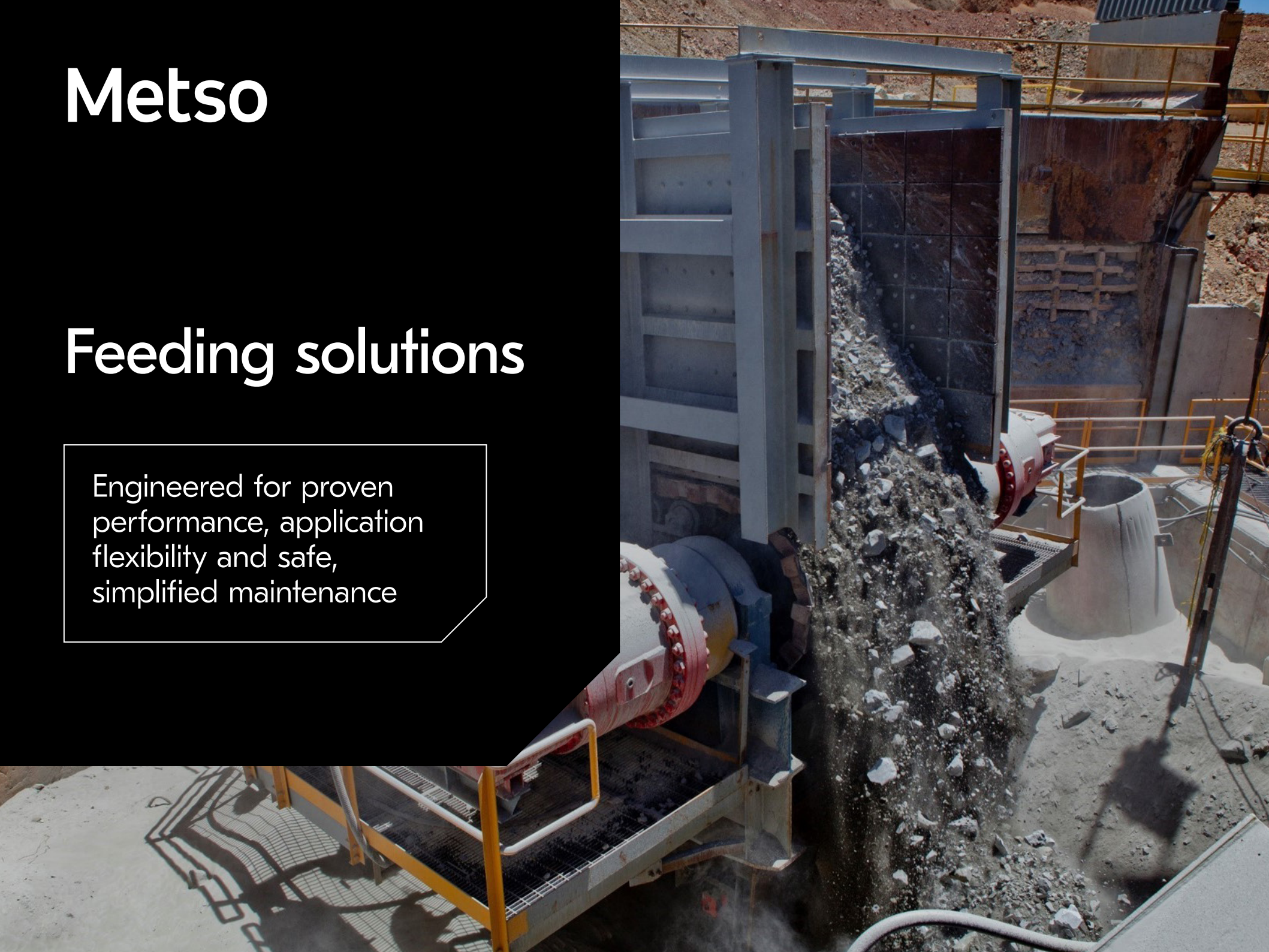
Metso

Feeding solutions

Engineered for proven performance, application flexibility and safe, simplified maintenance





Rugged and dependable

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

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

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

Maintainability
Metso 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 maintaininability and minimal downtime.

Metso Feeding solutions

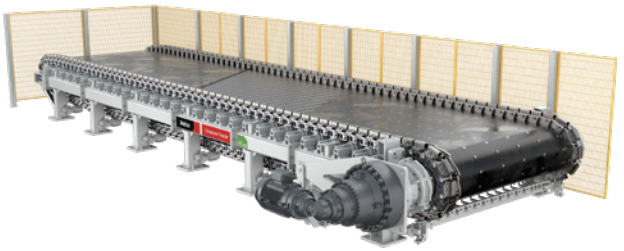
Wide portfolio to meet any feeding application

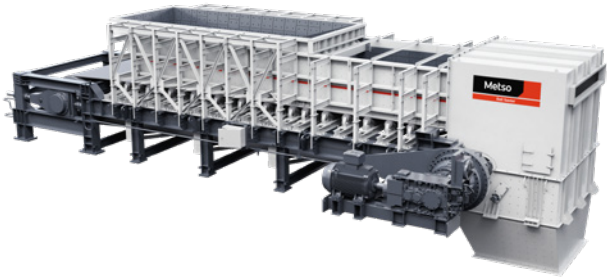
125+ years of experience

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's rugged and durable Apron feeders are meticulously engineered with a strong focus on quality and precision, ensuring maximum uptime and long-lasting performance. Ideally suited for feeding large, lumpy, abrasive and heavy materials during wet, sticky or frozen operations, Metso apron feeders work well across a wide variety of applications. Designed for economical operation, Metso pre-engineered apron feeders require less maintenance and reduce planning, costs and start up.

Reliable and robust

With over 100 years of bulk handling equipment experience, Metso apron feeders are designed to handle heavy shock loads and challenging environments. A rugged welded construction frame provides rigid support for intense loading conditions. The deep profile, cast manganese pans withstand both impact loads and abrasive materials. Feeder drive components are equipped with taconite seals to protect against dust and debris. Together, these features ensure exceptional reliability and long-term performance.

Economical

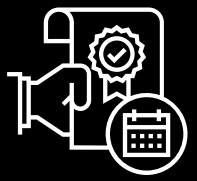
Metso Apron feeders use heavy duty, sealed for life, tractor components found on bulldozers such as tractor chain, tractor rollers, and tail wheels for long wear life and maintenance free operation. The components are readily replaceable and require no lubrication. The pre-engineered line of apron feeders with readily available 2D and 3D drawings, allow for easy plant planning, capital costs and quick delivery.

Safety

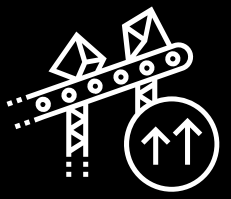
Metso Apron feeders are equipped with modern safety and maintenance features. Standard with every feeder, Metso provides full guarding, compliant to global safety standards as well as speed and emergency pull chord sensors. Metso Apron feeders include premier features such as carry and return roller modules, segmented sprockets and a shaft-less tail wheel allowing for easy and safe maintenance.



3,000+ installations worldwide



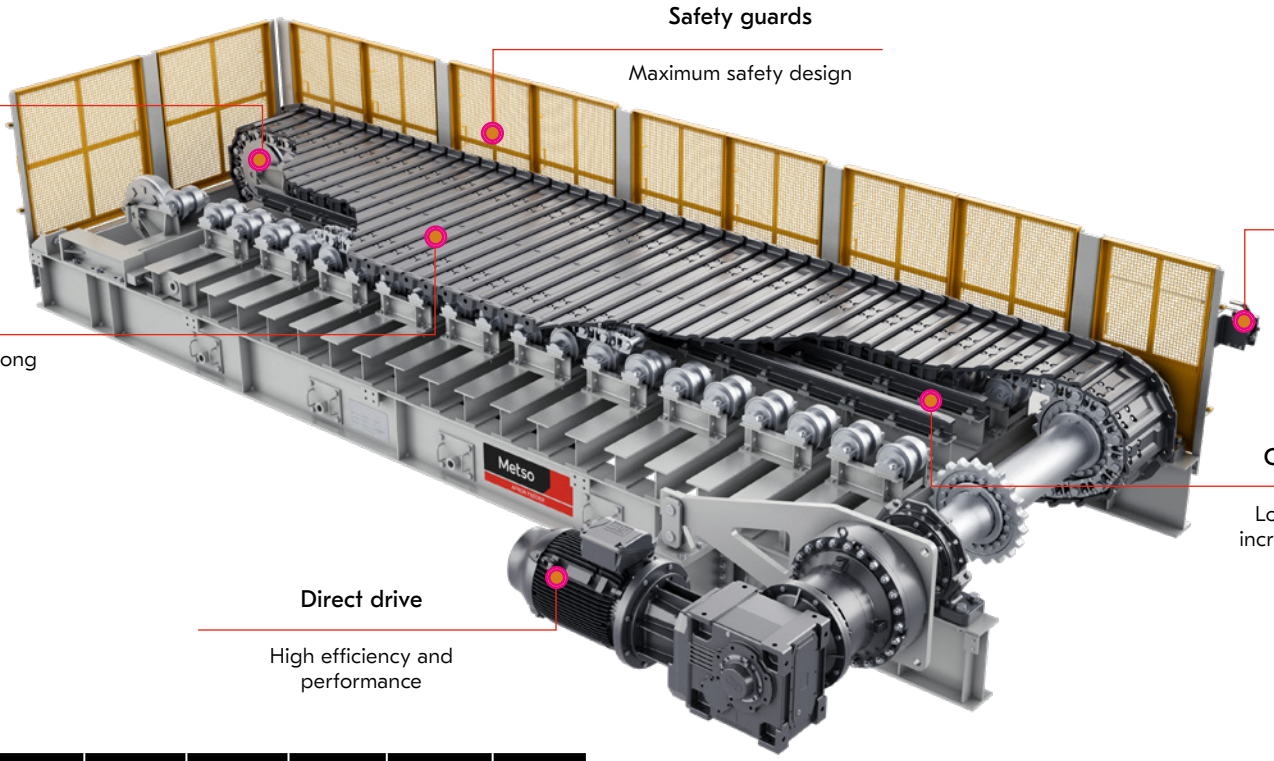
5 year warranty



Up to 17,000 tons per hour capacity

Apron feeders

Technical details



Model	*AF4	*AF5	*AF8	*AF10	AF13	AF14	AF16	AF18
Technical details								
Chain size	FL4	D4	D6	D7	D8	D9	D10	D11
Minimum width (mm)	762	1219	1524	2134	2134	2134	2438	2743
Minimum length (mm)	2500	3400	8000	8800	9000	9000	10 000	12 000

*Pre-configured feeder

Learn more at:
metso.com/apron-feeders

Belt feeders

Versatile and customizable solutions

Metso Belt feeders provide a customizable, robust and versatile solution for material transportation. This includes experience in large, high capacity installations and a wide range of applications being part of a complete solution. Metso Belt feeders also focus heavily on high degrees of operational safety.

Optimal applications for Metso 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 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

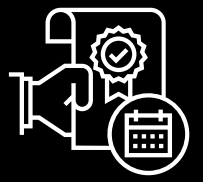
Metso Belt feeders are built robust and customizable to fit the exact need for the project. With high design capacities, we continue to push the limits in feeding technology.

Complete solutions

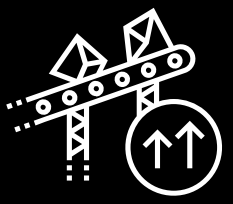
Metso has a comprehensive offering of ancillary equipment that can be paired with belt feeders. This includes loading skirts, discharge chutes, and ancillary systems. So Metso can be a one stop partner for a complete feeding solution.



140+ installations worldwide



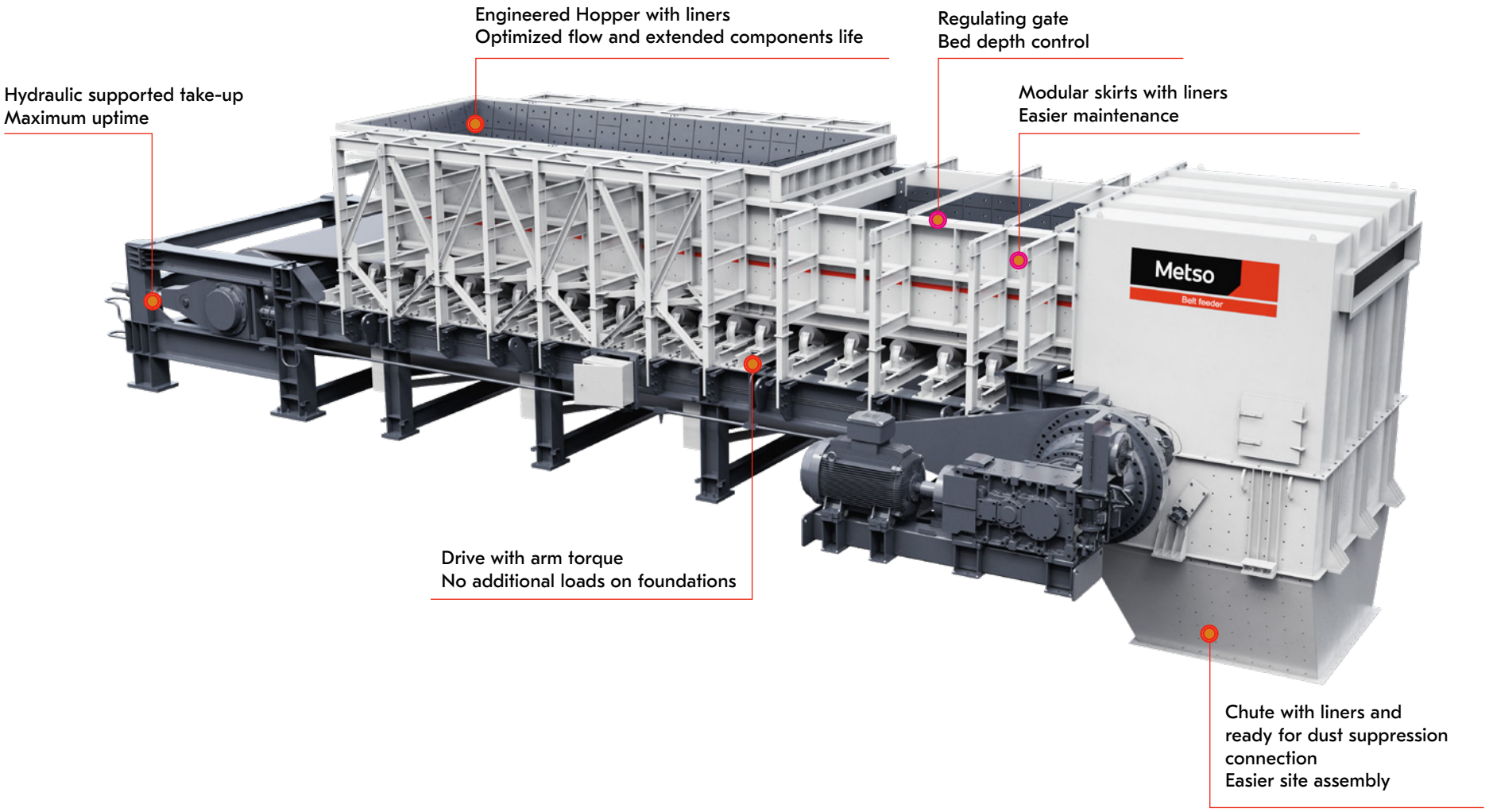
Safe and efficient operations



Up to 7,500 tons per hour capacity

Belt feeders

Technical details



Learn more at
metso.com/belt-feeders

Crossover™ feeders

Experience driven hybrid feeding technology

Metso's Crossover™ feeder fits perfectly in the Feeding solutions portfolio to provide an option where an apron or belt 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 Crossover™ feeder features reduced height and weight, making the Crossover™ feeder a top choice for use in space restricted applications including brownfield replacements of other feeders.

CAPEX savings

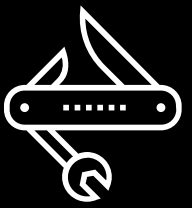
The Crossover™ feeder provides CAPEX savings via its reduced height compared to traditional feeder solutions. The lower height requires less excavation and civil works, thus less installed cost.

Lower OPEX

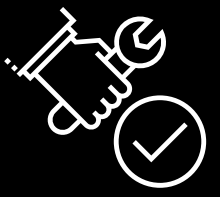
The Metso Crossover™ feeder is built with robust components. The compact and efficient design requires less components than alternatives, requiring less maintenance and spare parts. Additionally, the bolted belt design eliminates operational issues commonly caused by belt tracking and slippage on traditional belt feeders.



Height reduction of up to 50%



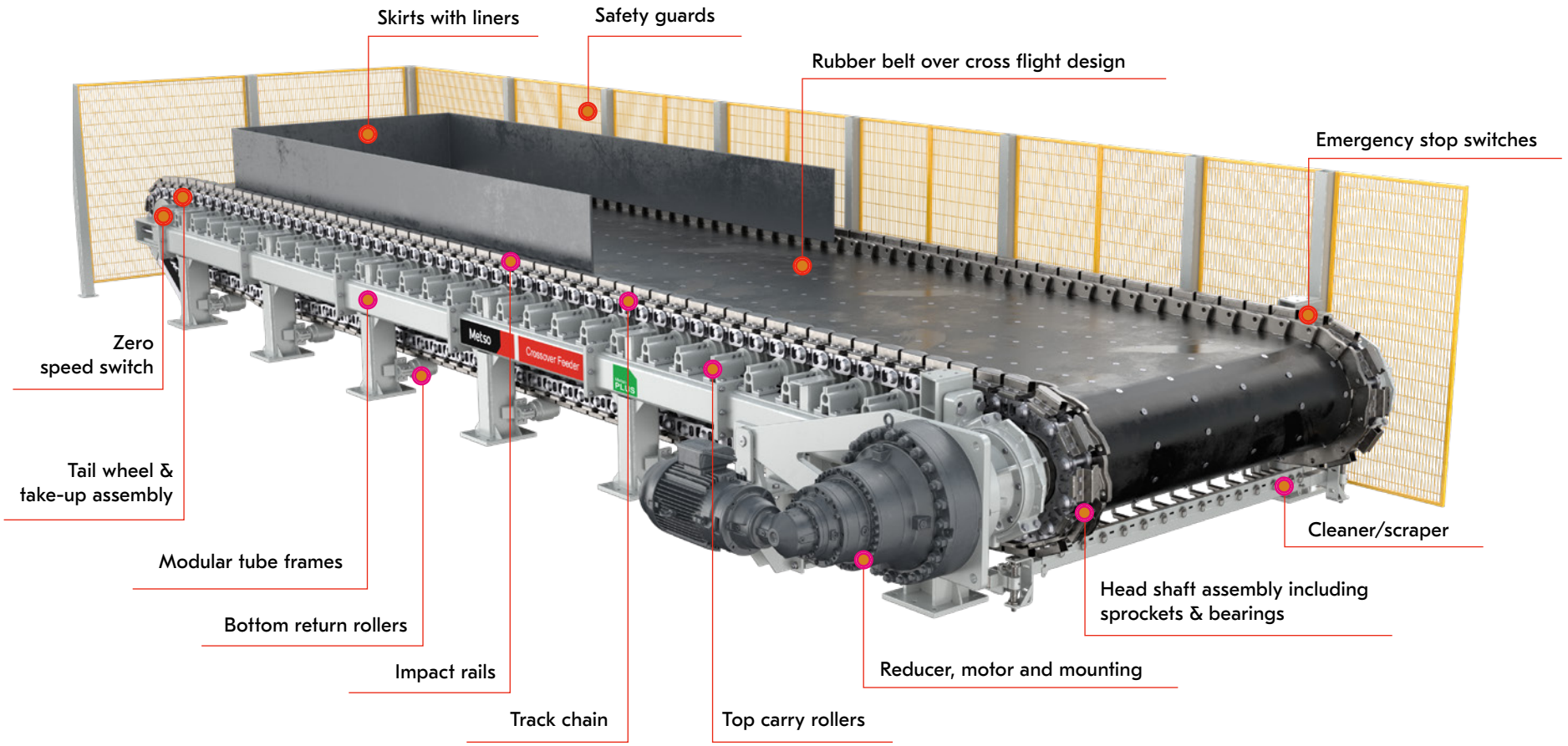
Greater flexibility



Lower maintenance requirements

Crossover™ feeders

Technical details



Learn more at
metso.com/crossover-feeders

More than a century of customer collaboration

In addition to parts and refurbishments for your apron feeders, Metso 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 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 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 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 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´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.

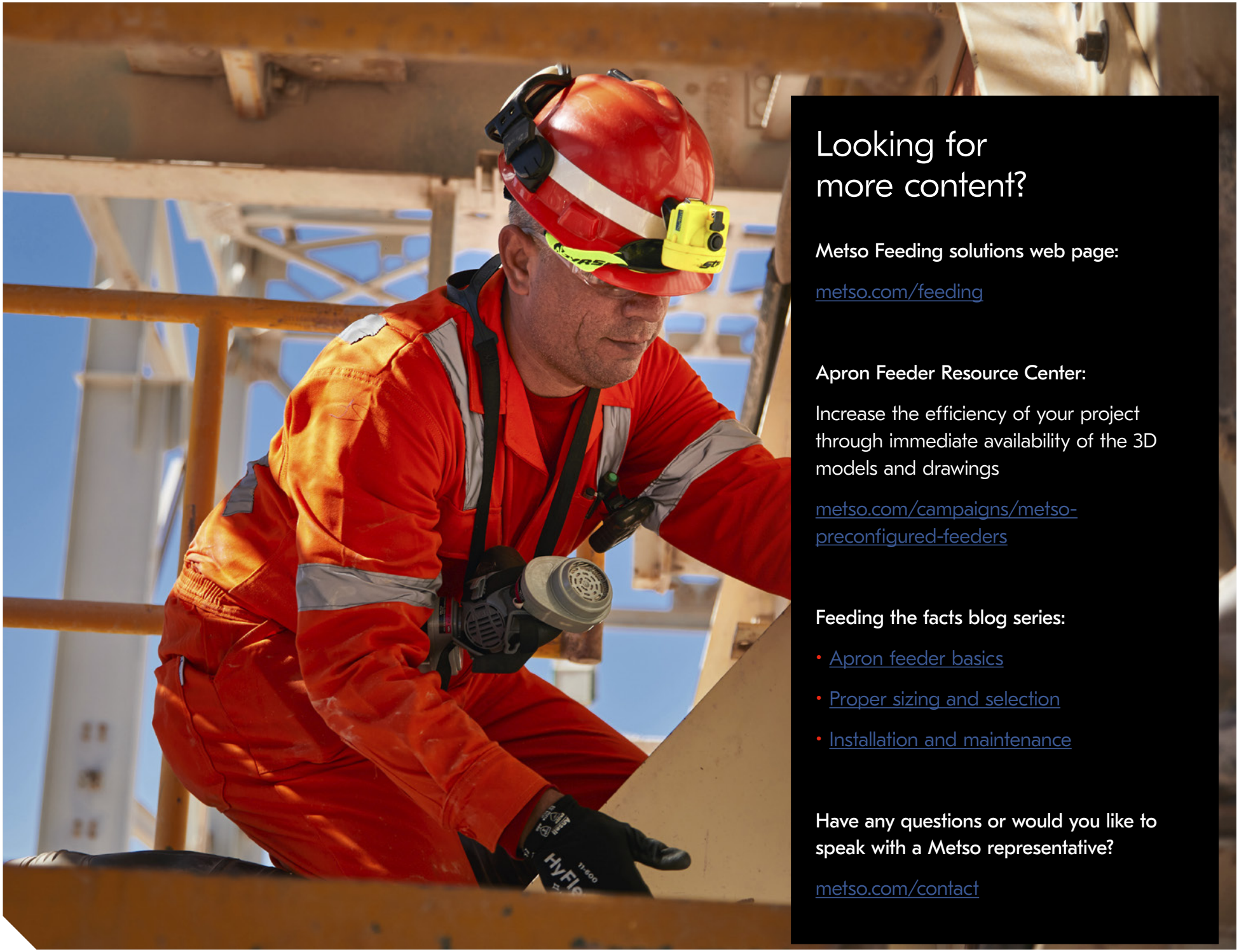
- Global network of service centers
- Skilled and certified technicians
- Cutting-edge technology and tools
- Safe and consistent service standards

Discover more on our webpage ››

Training
Metso 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?

Metso Feeding solutions web page:

metso.com/feeding

Apron Feeder Resource Center:

Increase the efficiency of your project through immediate availability of the 3D models and drawings

metso.com/campaigns/metso-preconfigured-feeders

Feeding the facts blog series:

- Apron feeder basics
- Proper sizing and selection
- Installation and maintenance

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

metso.com/contact

Metso is a frontrunner in providing sustainable technologies, end-to-end solutions and services for the aggregates, minerals processing and metals refining industries globally. By helping our customers increase their productivity, improve their energy and water efficiency and environmental performance with our process and product expertise, we are the **partner for positive change.**

metso.com

Metso

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