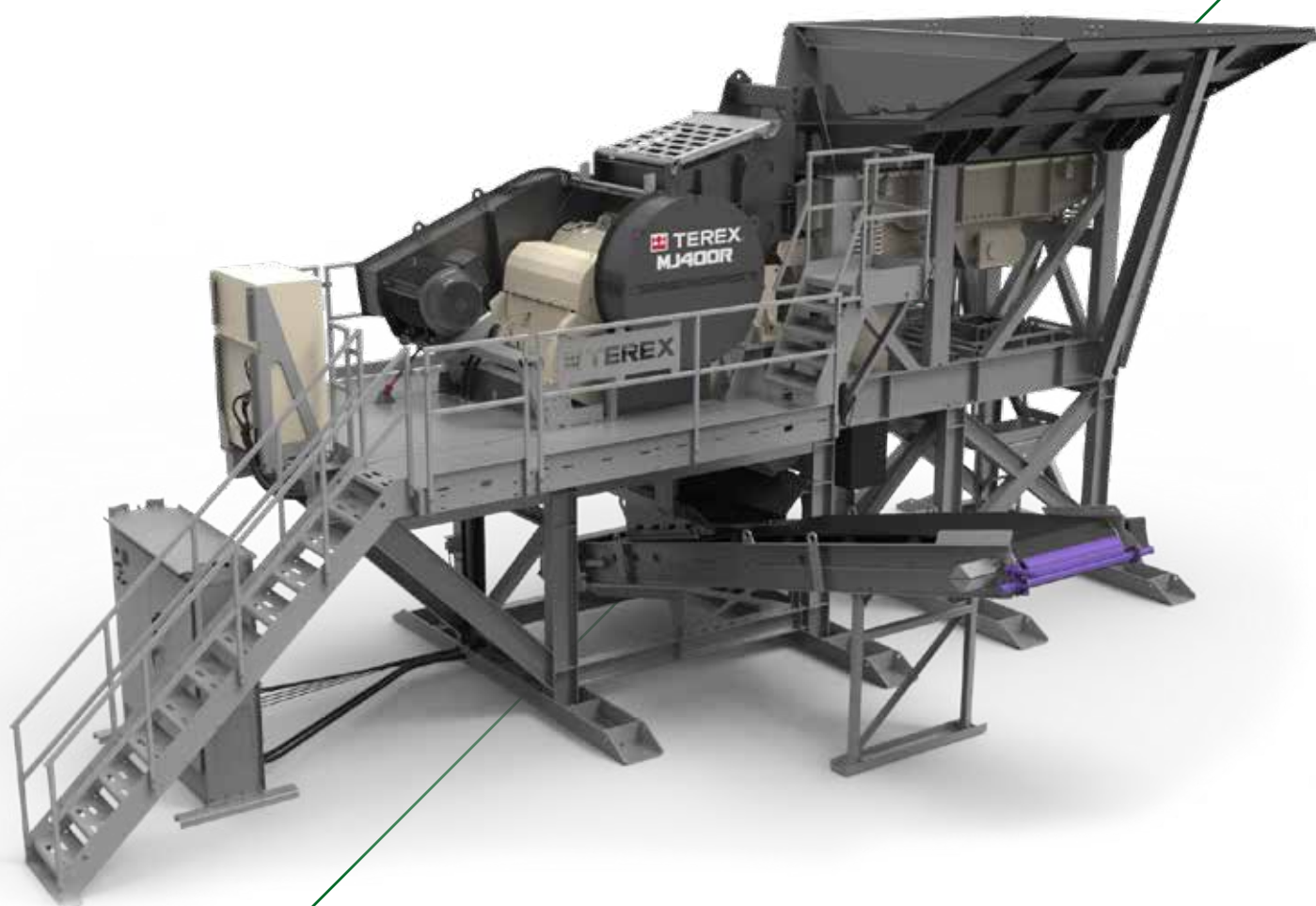




Recycling Solutions



A world working better™



Recycling
Solutions

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Terex® MPS Recycling Solutions

Power.
Precision.
Performance.

That's what A world working better means.

Terex® MPS provides a complete range of crushing and screening equipment to customers around the world operating in four key industries:

- mining
- aggregates
- demolition and recycling
- industrial minerals

Our equipment is designed to produce the highest quality end products in processing hard C&D waste.

We provide Modular, Portable and Static plants and components - plus full parts, service and maintenance with support you can count on, wherever you are.

We can deliver modular systems and components to integrate with your waste plant to help reduce your engineering.

We understand your business

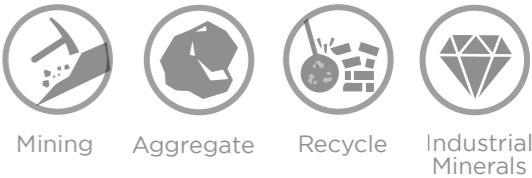
We know that you need operational reliability, cost-effectiveness plus outstanding service. We've spent nearly a hundred years building our business around delivering all three. Because when you succeed, we succeed.

World Class Service and Support

With Terex® MPS, you don't just get best-in-class engineering technology. You get the service, training and support to match.

We understand your need to maximize productivity and control operating costs across the working life of every piece of equipment.

We share those goals - and have the solutions to help keep your operations running smoothly, through a dedicated global support network backed by decades of proven experience and expertise.





Why Recycle?

Natural aggregates are crushed or uncrushed materials such as sand, gravel or stones, derived from the natural sources like river terraces, riverbeds, glacial deposits or rocks and boulders. They are used in the production of concrete for structural purposes including mass concrete works. Aggregates are available in different types depending on their uses.



Natural v Recycled/secondary aggregates (RSA)

Using RSA has environmental benefits including:



Conserving natural resources by decreasing the demand for virgin materials



Protecting local ecosystems and maintaining biodiversity levels



Reducing energy consumption, transport emissions and disposal of waste to landfill

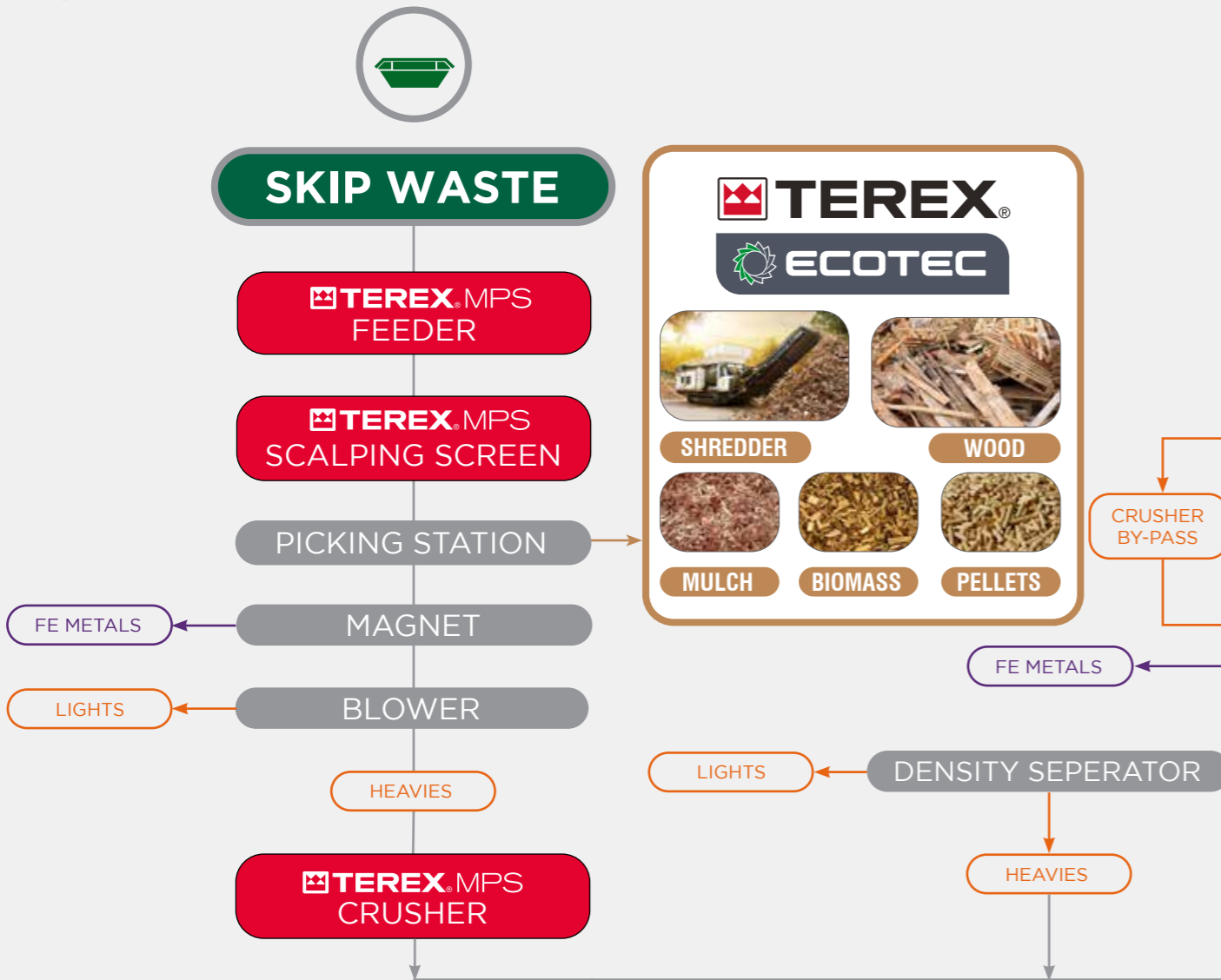
Using RSA has financial benefits including:



Producing recycled aggregate for resale is more cost-effective than sending unwanted materials to landfill and incurring landfill tax and transport costs.



Waste Processing



RECYCLED WASHED SAND

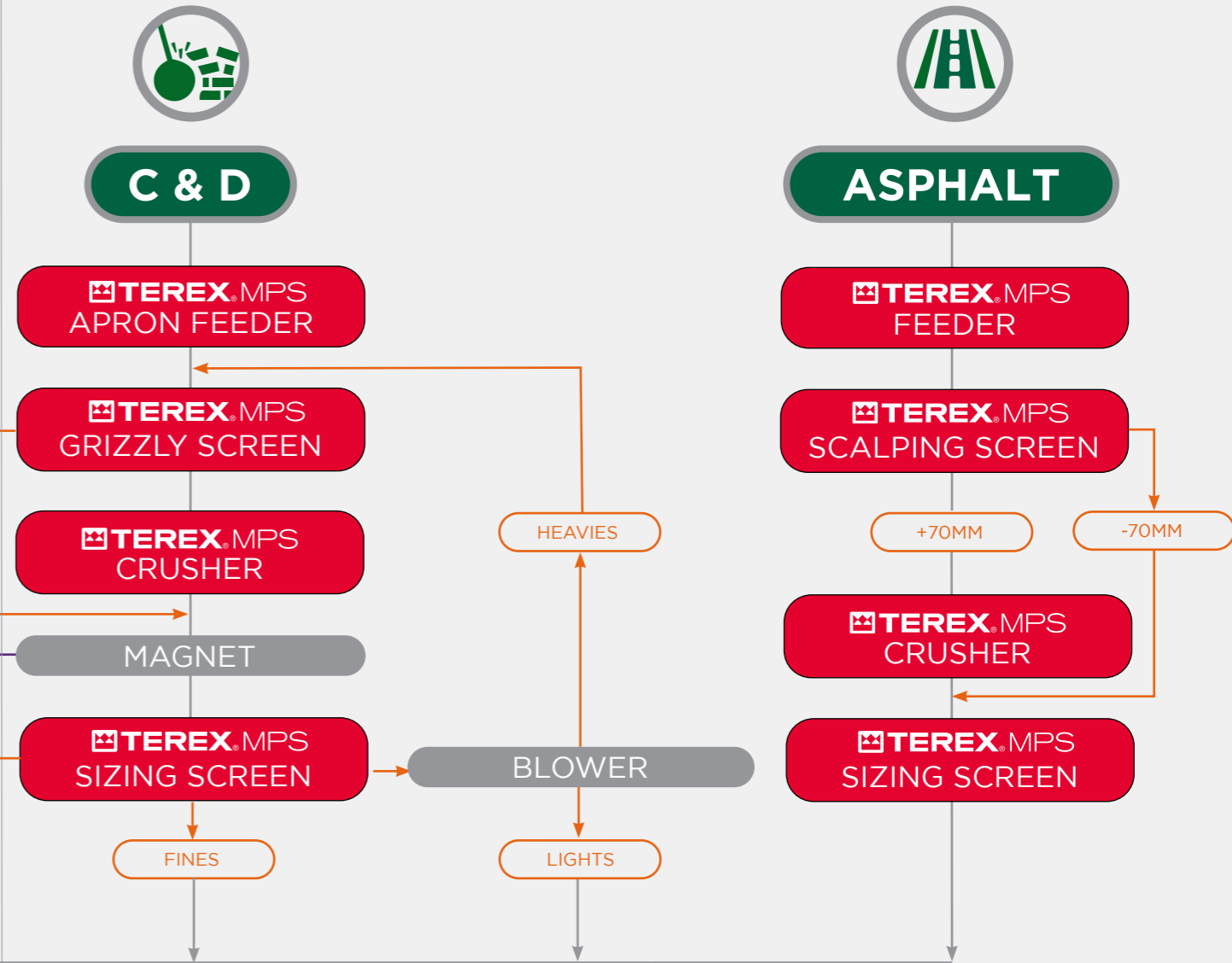
Used for concrete products, pipe and cable bedding and landscape brick bedding . Reject Sand can be sold as fill material or blended into soils and compost for landscaping projects.

RECYCLED WASHED AGGS

Used for soakaways/drainage pits, landfill blanket layers.Ideal for drainage, pipe bedding, landscape and specific concrete products.

SIZED AGGREGATE

High quality product can be used in various applications include ready mixed concrete, block making, and drainage.



TOP SOIL

Recycled from construction sites this clean inert multi-sourced topsoil is then screened to 12 & 6mm and is suitable for landscaping project on commercial or industrial building sites.

5" CRUSHER RUN

This product is an extremely versatile bulk fill material which is generally used as a subbase for road construction or piling mats on construction sites.

RECYCLED TYPE 1

Can be used as ballast material and 24-0mm used for sub-base in road, car park construction.

Why Recycle?

- Terex MPS can help you to build your complete recycling solution using reliable, robust equipment.
- Pre-engineered modules save you time and money.
- Don't waste your engineering resources - we provide ready made solutions with tried and tested technology using experience from 100+ years of the designing and building of screens and chambers.
- Reliable aftersales parts support by highly experienced factory professionals.
- Flexibility to offer fixed, modular and portable solutions in a range of feeders, screens and crushers.



Feeders

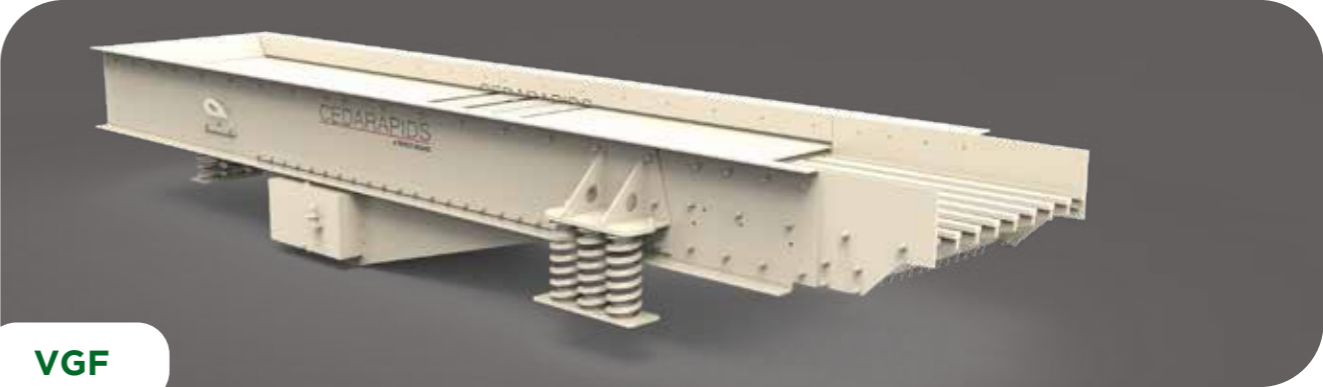
The correct flow of material keeps your process plant running. Cuts and tears can easily occur in belt feeders, which stop your operation. Terex have a range of solutions to feed different materials to your plant which are reliable, robust and suit your specific application.



PAN FEEDER



APRON FEEDER



VGF

Screen

The correct separation of any waste is typically reliant on screens. Terex Warrior scalping screens have been proven on track plant for decades, this solution can also integrate the triple shaft technology to clean dirt away from exhumed waste. Where some screens are specialist and expensive, Terex also offer a range of low-cost SI screens for general separation. Triple shaft horizontal and High Frequency screens can deal with small sizes e.g. trommel fines without blinding over the screen.



WARRIOR



SI



HF



TSV

Crushers

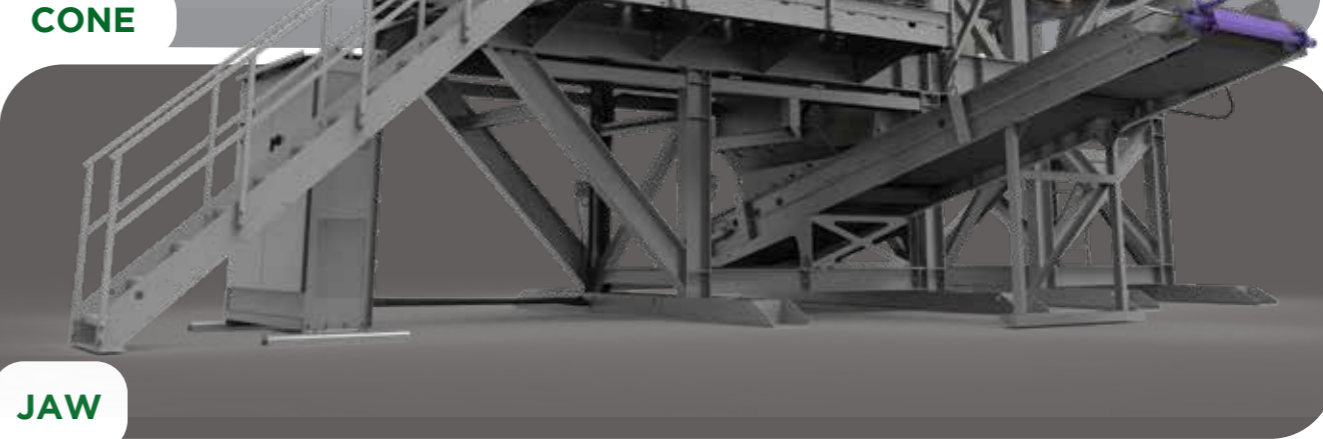
To process C&D waste which includes brick, concrete and demolition lumps these will need to be crushed. Terex have a range of crushers to suit your application. We offer crushers to separate R.A.P and in particular we offer a hydraulic release jaw to crush steel slag without damaging the crusher.



IMPACTOR



CONE



JAW

Example 1 - C&D Recycling Plant – Germany

Terex MPS installed an MJ400R in Germany at a concrete recycling site because the primary HSI was being abused by the large concrete pieces. They contained rebar, railway sleepers and concrete piles. The modular jaw was able to integrate with the existing plant, reducing downtime, engineering time and money while accepting a larger feed size. In addition to the MJ400R a modular incline screen was installed to compliment the installation and increase the throughput of the plant.



Example 2 - Construction Waste – Belgium



Terex MPS provided a full recycling plant in Belgium to process construction waste, this plant is processing between 350-400 mtpb using the below equipment:

- Terex Cedarapids 5220 pan feeder (52" x 20') 1.3m x 6m.
- Terex Simplicity (5' x 16') 1.5m x 4.8m double deck scalping screen.
- Terex Cedarapids 1316 four bar impact crusher.
- Terex Simplicity (6' x 20') 2m x 6m 3 deck incline screen.



More than Just another solution



Pre-sales and Aftersales Support

In addition to supplying a complete range of fully modular crushing and screening machines, MPS also provides full pre and aftersales support to our valued customers. Our experienced sales team deliver application-specific knowledge and offer highly accurate visual and calculated simulations of the performance of the machine in given application.

We stock and supply only genuine Terex parts which are specifically designed to maximise machine uptime. Our aftersales department provides technical support and experience to help machine operators maximise the working life, output and efficiency of a Terex machine.



Environmental Options

Preserving our environment is really important at Terex. Our entire team are aware of the various on-site challenges operates now face and so, we have invested heavily in designing specific options that help minimise the environmental impact of our machines on your site. Dust suppression kits and dust covers reduce site air pollution. Our wide range of screen media help reduce noise, wear and the production of waste material that cannot be used in an environmentally friendly application.



Electric Power

Our equipment is available with full control panels or users can integrate our equipment into a central control system.



Terex® MPS Services

Proven Success, Global Reach

A comprehensive range of services. Original spare and wear parts. Customizable solutions to meet your exact needs. Outstanding technical expertise and support.

This is what Terex® MPS delivers to businesses – and what it delivers to businesses throughout the world via our global distribution network, service and distribution facilities and regional warehouses.

Spare and Wear Part Support

Our OEM parts help maintain and enhance the performance of your equipment – and you can count on us to get you the spare and wear parts you need, when you need them.

Terex® MPS parts are manufactured according to exact specifications, using high-quality materials, tools and techniques. By using genuine parts you are helping to ensure the maximum performance and longevity of your machines.

A Shared Focus

We understand your key focus is delivering your operational and financial goals. We share that focus: it's how we both measure success.

By combining our global service network and proven, in-depth industry knowledge with your operational expertise we're able to provide you with the right solution to deliver a quality end product – with increased productivity.

Field Services

We offer a comprehensive set of field services to meet your maintenance, repair and refurbishment needs – which means you get a cost-effective alternative to purchasing new or replacement equipment.

Our experienced field service and distribution network are available to you on site or at our global service facilities. We can repair broken or damaged equipment to like-new condition and restore worn or irreplaceable equipment to perfect operating condition – which minimizes costly downtime for you.

Terex® Financial Services

At Terex® MPS we not only offer a strong and broad product portfolio. We also offer the means for customers to purchase the equipment they need in order to meet their operational and profitability goals.

Terex® Financial Services (TFS) is a globally trusted resource that is able to leverage its knowledge of Terex® equipment plus its marketplace expertise to provide a unique tailored solution for customers.

Terex® Financial Services at a Glance

- Providing cost-effective financial solutions to thousands of customers across the globe
- A comprehensive suite of financial solutions tailored to fit individual needs
- Dedicated and knowledgeable team with global reach, focused on customer solutions.

Combining our global service network and deep industry knowledge with your operational expertise ensures that we provide the best solutions...

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Failure to follow the appropriate Operator's Manual when using our equipment or failure to act responsibly may result in serious injury or death.

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