

WORLD LEADING **MATERIALS PROCESSING EQUIPMENT**

www.blue-group.com



Why Blue?

We offer complete solutions, from single equipment specification and supply, to the bespoke design and installation of complete integrated processing systems.

With an extensive but focused portfolio of world leading OEM brands in the materials processing sector, Blue is able to combine the very best in proven equipment with the latest technologies to create the perfect solution for your business and provide you with a competitive edge. Our range includes Doppstadt, Powerscreen, Terex Fuchs, BlueMAC and many more.



























Foundations

Blue was formed in 2004 when four Powerscreen dealers came together, combining their experience and expertise as well as a focus to deliver market leading client support. Within an ever evolving market place, the customer focused ethos of the business has remained constant, resulting in strong growth and the continued development of the company. Today the business goes from strength to strength as Blue delivers the very best, innovative solutions to their network of customers.

Partnerships

Our view is that the initial sale is only the beginning of the relationship.

Our strategically placed offices located throughout the UK and Ireland ensure we have extensive UK wide aftersales coverage for servicing and spare parts, so we can support your business going forward. As well as with our customers we also pride ourselves on the strong relationships we have with our suppliers. Our close connections to these creators of such cutting edge machinery means you benefit from the very best equipment incorporating the most advanced technology as well as expert knowledge and advice.

At Blue you will receive total support throughout the entire buying process and the lifetime of your equipment.









Applications and equipment

Material - Core Application	Portfolio Equipment		Output Material	
Quarried Material	\rightarrow	Crushers, Screeners	\rightarrow	Sized Aggregate
Recycled Inert Material	\rightarrow	Crushers, Screeners, Windsifters	\rightarrow	Sized Aggregate Recoverable
Organic Waste	\rightarrow	Handlers, Shredders, Grinders, Chippers, Sorters, Windsifters, De-packager	\rightarrow	Compost, Solid Biomass, Liquid Biomass
Wood Waste	\rightarrow	Handlers, Shredders, Grinders, Chippers, Sorters, Windsifters	\rightarrow	Board-mill Material, Animal Bedding, Biomass, Metals
Construction and Demolition Waste	\rightarrow	Handlers, Crushers, Sorters, Windsifters, Baler, Wrapper	\rightarrow	Sized Aggregate, Wood Waste, Metals Recyclables, RDF
Municipal Solid Waste	\rightarrow	Handlers, Shredders, Sorters, Windsifters, Balers, Wrapper	\rightarrow	Organic, Waste Metals, RDF/SRF
Commercial and Industrial Waste	\rightarrow	Handlers, Shredders, Sorters Windsifters, Balers, Wrapper	\rightarrow	Wood Waste, Recyclables, Metals, RDF/SRF
Dry Mixed Recyclables	\rightarrow	Handlers, Sorters, Balers	\rightarrow	Glass, Recyclables
Glass	\rightarrow	Crushers, Screeners, Sorters, Windsifters	\rightarrow	Cullet
Incinerator Ash	\rightarrow	Crushers, Sorters	\rightarrow	Sized Aggregate, Metals
Scrap Metal	\rightarrow	Handlers, Sorters, Balers	\rightarrow	Metal, RDF/SRF
Ports	\rightarrow	Handlers, Hoppers, Conveyors	\rightarrow	Dry Bulk Materials



Blue Service & Support

Dedicated to keeping your operation moving

See page 28-29



Blue Group offer the complete range of products from Powerscreen, the world's leading manufacturer of mobile crushing equipment in the world.

Powerscreen's extensive collection of cutting edge mobile machines boast exceptional productivity and reliability. The crushers have also been designed with ongoing maintenance in mind, allowing ease of access to all key areas of the machines.







Jaw Crushers

Powerscreen's jaw crushers have been designed to meet the primary crushing needs of customers across the quarrying, mining and recycling industries. These machines are considered to be the most advanced, reliable and productive on the market, across all applications for which they have been designed. With a combination of dynamic jaw profiles and a highly efficient drive system these machines return some of the lowest operating costs in their class.

Cone Crushers

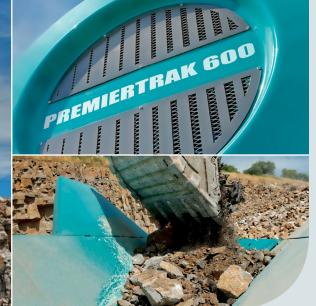
The Powerscreen range of mobile cone crushers have been constructed and engineered for secondary and tertiary crushing in direct feed applications. The range uses advanced Automax® crusher technology to provide high volumes of perfectly shaped product.

Impact Crushers

The range of mobile impact crushers available from Powerscreen are suitable for primary and secondary applications including crushing aggregate, reinforced concrete and asphalt. The machines include both horizontal shaft impactors and vertical shaft impactors, both of which achieve a high ratio of product reduction.

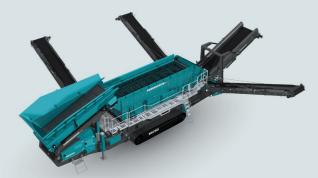












Chieftain

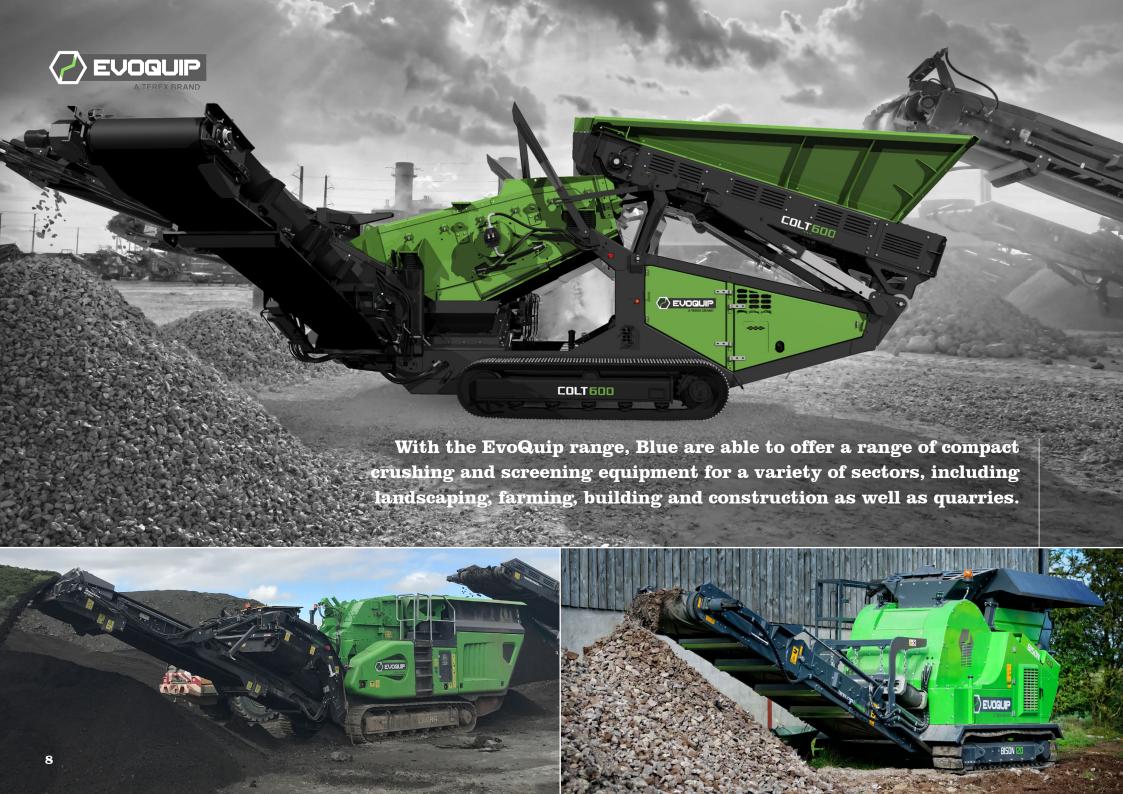
The Powerscreen® Chieftain range of mobile incline screens are designed for the processing of aggregates and sand. Within the range there is a model to suit every application and the machines are designed to be easily transported, set-up, operated and maintained.

Warrior

These high capacity, heavy duty, versatile machines are capable of screening and separating a wide variety of material in the most challenging applications including aggregates, recycling, topsoil, compost, coal, construction and demolition waste as well as iron ore.

H Range

Featuring Horizontal screens the H range from Powerscreen is ideal for handling high volumes of sticky materials and for the exact, fine sizing demanded in many construction contracts. These models are perfectly suited to applications such as natural and crushed aggregate, iron ore, coal, recycled concrete and asphalt.





Bison

This range starts with the Bison 35, which weighs just 3.4 tonne, up to the Bison 280 which is capable of processing 200tph of material. One of the key benefits of these machines is their ease of transportation. The Bison 100 can be transported via Hook Lift for example.



Colt

The Colt is a range of screeners. The Colt 600 can fit into a standard shipping container making transportation simple. Set up times on these machines are also very quick, meaning operators can be processing in no time at all.



Cobra

The Cobra is a range of compact, yet highly powerful impact crushers. These machines come with hydraulic adjust and hydraulic overload protection as standard and can process a range of different materials.



Harrier

Two screens designed to be used in situations where space is of a premium. The smaller Harrier 220 is containerisable and weighs just 3.3 tonne.













The Doppstadt DW series of slow speed shredders are available in both mobile and static versions. The shredders work on a single shaft principal and offer some of the lowest operating costs for this type of equipment. The rotor speed, (approx. 32rpm) with its fully mechanical drive, leads to longer breaks between the shredding tools and significantly reduces noise and dust emissions.



Mobile & Static High Speed Grinders – AK and DZ Series

The Doppstadt AK high speed shredder and DZ Series operate at over 1000rpm. As the mill has a free swinging hammer system the machines can deal with difficult contamination and reduce damage caused by unwanted material. The size of the output material can be selected between 30mm and 400mm and the high rotor speed ensures that a finished product can also be produced in small quantities and in a single pass operation.



Mobile & Static Chippers

The Doppstadt DH wood chipper produces a high quality wood chip. The chipping process ensures a uniform material allowing the finished product to be used directly as a biomass fuel product.







Mobile & Static SM Trommel and Star Screen

The Doppstadt Screens with modular design can be utilised for a multitude of tasks within different types of environment. As you would expect with Doppstadt equipment, it is built to last, giving Blue customers the best commercial value from their machinery.



Mobile & Static Mobile Windsifter

The mobile air density separation equipment from Doppstadt is the result of a partnership with specialists Westeria. The equipment allows for the effective separation of light and heavy materials anywhere on site.



Mobile & Static Splitters

Doppstadt's Splitter technology offers an efficient and effective screening process. This unique and patented concept can split the material in up to 4 fractions and is designed to be blockage and wrapping-free. Potential applications are varied including soil and stone, even with a heavy clay content.

blue MAC

Material Recycling Systems

Utilising the very best technologies available, we design, build and commission leading edge systems to maximise recycling and recovery as well as minimising material going to landfill.









BlueMAC, part of the Blue Group of companies, specialise in engineering and manufacturing robust, tailored material recycling systems designed to your exact specifications.

By utilising the very best technologies available, we are able to design, build and commission leading edge systems to maximise recycling and recovery as well as minimising material going to landfill. We achieve this by engineering and combining a number of different components including material feeders, picking stations, trommels, magnets, link conveyors, eddy currents, air separators and blowers.

Our plants range in size from entry level trommel systems, for small to medium sized operators, right through to multi-million pound intricate plant builds. From initial discussions through to design and installation, we will work with you throughout to maximise the potential of your operation. With site safety paramount, your designated BlueMAC specialists will ensure the best system is designed and installed for optimum efficiency and maximum profits from your waste recycling system.

Applications and equipment

Application	Equipment solutions	
Fines Clean Up	Vibrating and Density Separating, Mobile Picking Stations, Optical separators, Eddy Current Separators	
Waste to Energy - RDF/SRF Production	Trommels, Overband and Cross-band Magnets, Hoppers/Feeders, Ballistic Separators, De-stoners	
Construction and Demolition Waste	 Overband and Cross-band Magnets, Trommels, Conveyors, Vibrating Pan Feeders Picking Stations 	
Commercial and Industrial Waste	Trommels, Overband and Cross-band Magnets, Optical Sorting Technology, De-stoner, Eddy Current Separators	
Municipal Waste	Bag Opening Feeders, Picking Stations, Trommels, Ballistic Separators, Over-band and Cross-band Magnets	
Dry Mixed Recyclables	Optical Sorters, Eddie Current, Over-band and Cross-band Magnets, Blowers	
Green Waste	Trommel, Belt Feeder, Picking Station	
Scrap Metal	Eddy Current Separators, Mobile All Metal Separator, Over-band and Cross-band Magnets, Picking Stations	













Scrap Handling

Renowned worldwide for their excellence in scrap handling, Terex Fuchs machines are designed specifically for the rugged, heavy duty scrap and metal recycling environment. The unique throwing action of the boom enables material to be stockpiled and moved around with great ease.



Waste Handling

When it comes to a material handler for a recycling application, the key attributes are efficiency, flexibility, performance, resilience and speed of cycles. Terex Fuchs machines offer everything that's required for effective, high volume handling on open terrain or an indoor setting. Whether it's sorting material on the floor or loading a waste system or shredder, Terex Fuchs handlers offer stability and a high load capacity even when operated within an extended work radius.



Timber Handling

Manoeuvrability and speed are of the essence for timber and sawmill operations to run at optimal efficiency. The purpose built Terex Fuchs timber handlers have outstanding features that ensure logistical leadership. The undercarriage, which is specifically designed for timber handling ensuring powerful lifting force, impressive performance and stability during cornering and driving.

















Port Handling

Terex® Fuchs offers highly flexible and customised solutions across a range of mobile and stationary material handlers for port logisticians. Massive grabs, large work radii even at full load and equally powerful, swift and precise hydraulics make record loading and unloading times possible. The kingsize powerhouses are suited to deployment across diverse applications in port logistics.

Electric drives

Electric drives are today's forward-looking trend - not only in cars, but also in mobile material handling machines. This is especially the case with indoor applications, stationary machines, and rail undercarriage machines, in which powerful zero-emission electric drives that are extremely easy to maintain have very tangible advantages.

Fuchs Cabin - functionality redefined

Stress-free work makes for greater safety and reduces the risk of an accident. Fuchs makes handling of materials easy and comfortable. Cabins offer an ergonomic space with multifunction touch monitor with a large, easily legible display to operate all functions, a downward-facing windshield & skylight for superior visibility even in wet weather conditions and perfect space utilisation for the operator with useful storage compartments.





Metal Balers and Shear Balers

Blue supply the full range of Taurus Bluline metal balers and shear balers as well as the Taurus Redline range of Pre-shredders for the metal scrap industry.





Shear Baler

The TAURUS - BLULINE shear balers incorporate a unique, patented "swinging wings" compression box. They are also highly versatile machines designed to compress and shear a variety of different materials.



Scrap Metal Balers

Taurus Bluline balers are built to withstand the rigors of continuous all day scrap metal baling. Taurus has over 50 years of experience meaning they know exactly how to re-enforce the machine's critical stress points, ensuring a long and productive life for every baler the company produces.



Pre-Shredder

The Bravo pre-shredder allows smaller shredder plants to operate at higher production levels by pre-processing oversized or high density bales, scrap cars and other bulky scrap.





Metal Mobile Shredders

Take metal scrap shredding in-house and make a profit. The Thor Series of Hammermill Shredders includes the THOR 1521 K, THOR 1721 K, THOR 2121 K.

These fully autonomous, tracked machines are highly versatile, capable of shredding a wide variety of scrap metals including large white goods and car parts.

Key Benefits

- High ROI with quick paypack
- High residual value
- Quick assembly time
- Low cost





The original balanced crane, built to optimise logistics

Lower energy consumption means lower costs.

E-Crane's balanced design drastically reduces horsepower requirements and saves energy. With traditional hoisting machinery, the payload, working tool, and steel construction have to be raised. But the E-Crane's balance compensates for all but the payload resulting in important energy savings.

Key Benefits

- Operator friendly with easy controls and an ergonomic cab
- 100% spare parts availability and lower maintenance costs and minimal downtime
- No tipping point due to E-crane's unique counter weight
- All machines can be rated as a crane or as a material handler offering higher lifting capacity







Blue Group offers the complete range of CK International balers. This extensive range of balers which include fully automatic twin ram balers, semi-automatic horizontal balers and vertical balers are made to the highest standards.

Furthermore, the Blue team can work with CK international to customize the machine to provide a bespoke solution for customers.



Key Benefits

- Higher bale density
- Better bale structure
- Ability to switch material stream easily
- Choice of plastic or wire tying
- Flexibility in layout and design

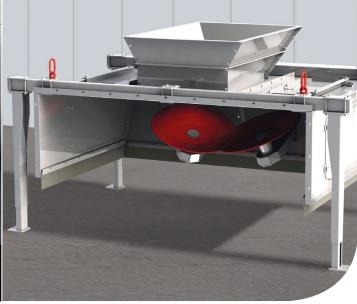


Wide range of materials at high speed.

Twin Ram Balers are ideal for use in waste transfer stations or as part of a larger recycling system for high volumes of RDF, SRF, plastic, PET, cardboard and paper. High throughputs of up to 40 tonne/hr are achievable.









Westeria manufacture a range of equipment to the very highest specification.

Air Density Separators

Designed to separate heavy and light material

Conveyors

Including chain belt conveyors, slat conveyors, folding conveyors, flat belt conveyors and troughed belt conveyors

Material Distribution Systems

The DiscSpreader ensures perfect, reliable material distribution

Bunker Systems

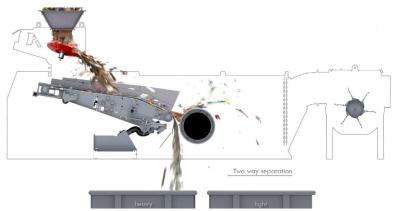
Modular design to offer size flexibility

Windsifter AirMaster

- Designed specifically for the UK
- Separates heavies and lights to create saleable products
- Hook lift for ease of transportation
- **Built-in generator** for power
- Material extraction conveyors for stockpiling



The variable settings for the acceleration belt speed, tilt and drum distance





Every type of feed material is different and has its own, specific characteristics.

To help you appraise the separation results of your individual material in advance, Westeria have developed a new Test Centre.



De-packing systems

Protect your AD system with a Cesaro Tiger. The Tiger HS 10 was designed mainly for wet and dry AD plants. With our Tiger HS 10, you will send more material to the digester than with other technologies.

Thanks to our patent, the solid fraction won't be lost with the packaging. More waste saved from the packaging means more biogas produced. And more biogas means more profit.

Key Features

- Double process liquid intake line with standard mixer
- **■** Highly efficient washing system
- Touch screen control panel with graphic interface
- **■** Remote central control system
- Silent block supplied as standard for reduction of ground vibration





Certified Used Equipment

Blue have been supplying quality used machinery for many years, allowing those with restricted budgets access to the world leading equipment.

Who better to buy used Powerscreen,
Doppstadt and Fuchs equipment from
than those that have in depth machinery
knowledge and direct access to the
manufacturer.

- Meticulously checked by manufacturer trained engineers
- Inspection using the latest technology
- Unmatched knowledge of Blue equipment
- Unbeatable service and equipment support
- Service packages available
- Maintenance history











Genuine OEM Parts from the people who know your machinery best

Our experience and knowledge goes much deeper than just selling parts. As approved manufacturer dealers, we give full technical support and you benefit from our expertise on application suitability therefore you get the right quality OEM part made to deliver optimum reliability and keep your business moving.

Blue Spares provide a rapid response spare parts service, dedicated to maximising equipment availability and optimising operational performance.

We understand your business and the need for your machinery to reliably perform at optimum capacity every single day, therefore we don't compromise on the quality of spare parts supplied. When you order from Blue Spares, you receive genuine OEM stock parts that support your investment and the long term future of your machine.

With state of the art IT systems for stock control, we can react quickly to customers needs and most parts can be supplied same day - we also offer a 24/7 service. Our staff will do whatever it takes to get parts delivered on time to minimise your downtime.

Ol dateb_bpatkapm^dopatabosf b

Call us on 0345 1300 669

Bj ^fi7pm^dop=_irb*dd rm+lj

- OEM wear parts undergo continuous market comparisons and extensive field-testing to ensure that they offer the most cost effective solution, minimising the life-cost of your equipment
- Any deviation from authentic OEM wear part design in material or dimensional specification, can result in damage to your machinery
- Only the use of Original Genuine wear parts ensures full warranty cover for your machines and the validity of your insurance
- Our parts fit perfectly, meaning ease of installation and minimisation of downtime





Maximise uptime

Keeping your operation moving efficiently & profitably

Blue place utmost importance in maintaining equipment and breakdown prevention. With over £2 million worth of equipment sold across the group each week, we have invested heavily in our maintenance and training services to support our loyal customers.

1 Maintenance and service

Keep your machine running efficiently and reliably.

- Blue expert engineers we know your machine best
- Maintenance contracts to suit your operation
- Machine analysis spot future issues, greatly reducing risk of costly breakdowns

2 Operator training

We've invested in a unique purpose built training facility designed to benefit your business.

- Train your operators to carry out routine maintenance to keep machines running at peak performance
- All leading manufacturers machines covered
- New machine training

Minimise downtime

Emergency breakdown assistance

It's important to remember that the cost of downtime is not just the loss of production from that particular machine. It is also any other machines in the process, non-productive operators and drivers can even impact on supply contracts. When a breakdown occurs, Blue rush to the rescue armed and ready to get you back up and running.

Fast response breakdown cover

- One call is all it takes saves precious time
- **Expert advice with direct links to manufacturer**
- Identify problem & assist fix without site visit
- £5m worth of OEM spares available for immediate dispatch
- Plus a network of dealers with the aim of next day visits
- Blue Service engineers available nationwide





Flexible funding options to suit your operational needs

Our team of specialists, located across the UK can advise you on which products will best suit your requirements, allowing you to ease cash flow and develop your business.

Hire Purchase

These agreements give you the option to own the machine at the end of the term. There is also an acceptance fee payable at the start of the agreement which varies depending on the amount financed.

Leasing

An increasingly popular form of asset finance where ownership never passes to you but the cost of the instalments can be offset against your taxable profits during the lease term. VAT is spread over the length of the term and there is an acceptance fee payable at the start of the agreement which varies depending on the amount financed.

Refinancing

If you own equipment, machinery or vehicles, we are able to help you release money from it for use in your business. Equipment Refinance can be an easy way of raising money.

Find out which Blue Finance option suits your business needs best: Call Blue Finance on 0345 217 8755 or e-mail sales@bluegroup.co.uk

Alternatively contact your local Blue Machinery Sales Manager Finance options are strictly subject to status.

After difficult trading conditions and a lot of uncertainty, it was a great relief to gain the financial support through RGF and see our proposed plans come to fruition. We couldn't have done it without the help of the team at Blue Finance and we are delighted to be able to support the local job market. We would like to express our thanks to Blue for helping us achieve such a positive outcome and making the process simple and straightforward. This can only bode well for future business opportunities.

Mark Evans, Director, Growing Beds





There is a Blue Group site near you

Blue Group invest heavily in our facilities across the UK, with state of the art workshops and refurbishing facilities to ensure we offer the best possible service to our customers now and in the future.

Blue Group Head Office

No. 5 Booths Park Chelford Road, Knutsford Cheshire WA16 8GS

Tel: 01565 743434

Blue Scotland Office

9 Craigleith Road Broadleys Business Park Stirling FK7 7LQ

Tel: 01786 469444 Fax: 01786 469222

Blue Central Office

New Cheshire Business Park Wincham Lane, Wincham Northwich CW9 6GG

Tel: 01606 261262 Fax: 01606 41068

Blue London Office

Unit 16 Westfield Road Slyfield Industrial Estate Guildford, Surrey GU1 1RR

Tel: 01483 370371 - UK Tel: 0044 1483 459 377 -Overseas

Fax: 01483 370372

Blue Southern Office

Harbour Road Trading Estate Portishead, Bristol BS20 7BL

Tel: 01275 285285 Fax: 01275 390549

Blue Spares Warrington Office

Appleton Thorn Trading Estate Warrington, Cheshire WA4 4SN

Tel: 03451 300669 Fax: 01925 604881

BlueMAC Office

108 Trewmount Road, Killymand Dungannon, Co. Tyrone, BT71 7EF

Tel: 02887 789995

Blue Ireland Office

Fairymount, Crettyard, Co. Laois, R93 NN93, Ireland

Tel: 00353 1431 9839

Murray Plant Hire Ltd

Burnbrae Drive, Linwood, Paisley, PA3 3BW

Tel: 01505 322252 Fax: 01505 328828





Contact our sales team:

0345 217 8755

www.blue-group.com









