



Tigerbite

Tigerbite 425
Mini Crusher



Tigerbite 425 Mini Crusher

Compact. Powerful. Built in the UK.

Crush and recycle concrete, bricks, and rubble on-site for cost-effective waste management and reusable materials.

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About Us

Tigerbite Mini Crushers

At Tigerbite, we specialise in compact yet powerful solutions for your crushing needs. Our flagship product, the Tigerbite 425 Mini Crusher, embodies our commitment to innovation, efficiency, and sustainability.

Designed with property developers and landscapers in mind, our crushers are perfect for on-site recycling, helping you save money and reduce your environmental footprint. Discover the future of efficient construction and landscaping with Tigerbite.

Compact yet powerful

Innovation, efficiency, and sustainability

Designed with property developers and landscapers in mind

On-site recycling

Save money and reduce your environmental footprint

Sustainability

Eco-Friendly Crushing

Sustainability is at the core of what we do. The Tigerbite 425 Mini Crusher enables on-site recycling of bricks and concrete, reducing the need for skips and eliminating transportation costs associated with waste removal.

By converting waste materials into reusable aggregate, you contribute to a circular economy and reduce your carbon footprint. Our crushers are designed to minimise environmental impact while maximising efficiency and cost savings.

Recycling Bricks and Concrete

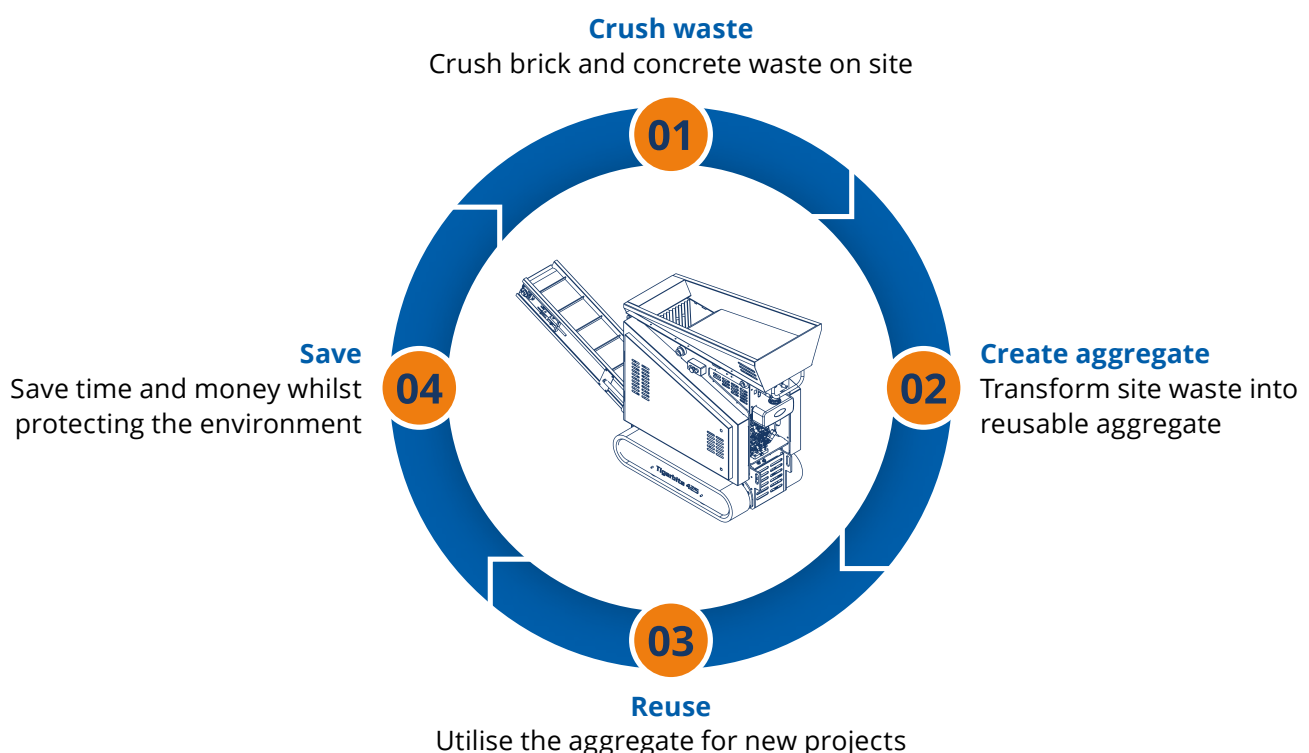
Recycling benefits at a glance:

Cost Savings:

- ✓ Eliminate waste removal costs
- ✓ Reduce aggregate purchase expenses

Environmental Impact:

- ✓ Lower carbon emissions
- ✓ Decrease landfill waste
- ✓ Promote sustainable building practices



Specifications

Crushing Capacity:

Up to 8 tonnes per hour

Crusher Opening:

400mm x 250mm

Jaw Size Adjustment:

20mm to 120mm

Dimensions:

730mm wide x 2505mm long x 1557mm high*

Weight:

1150kg

Power:

Vanguard 400 petrol engine, single cylinder
10.4/3600 kW/rpm

Features:

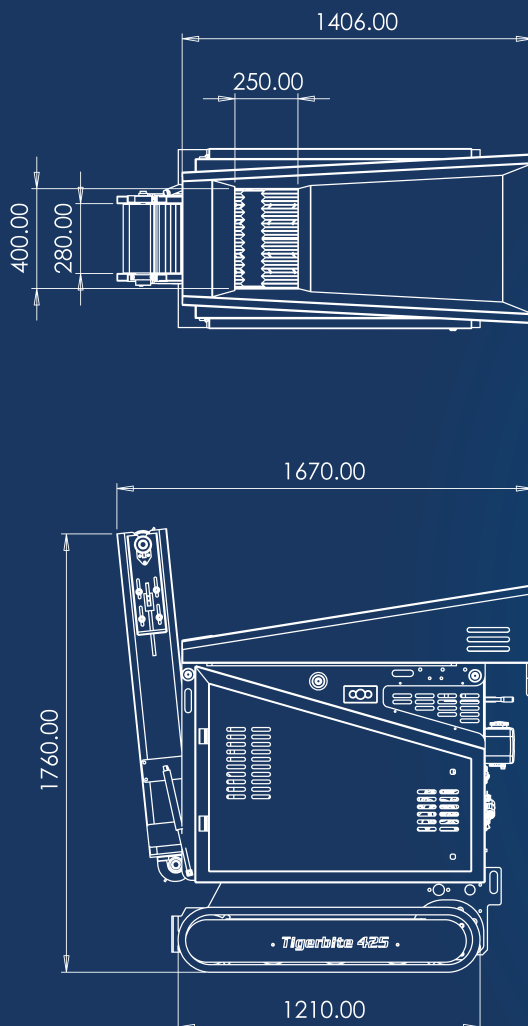
- Hydraulic control for conveyor
- Manual jaw adjustment
- Manual height adjustment
- Reversible jaws for extended lifespan
- Compact design for easy transport
- Conforms to European Stage V Emission regulations and CE marked

Performance:

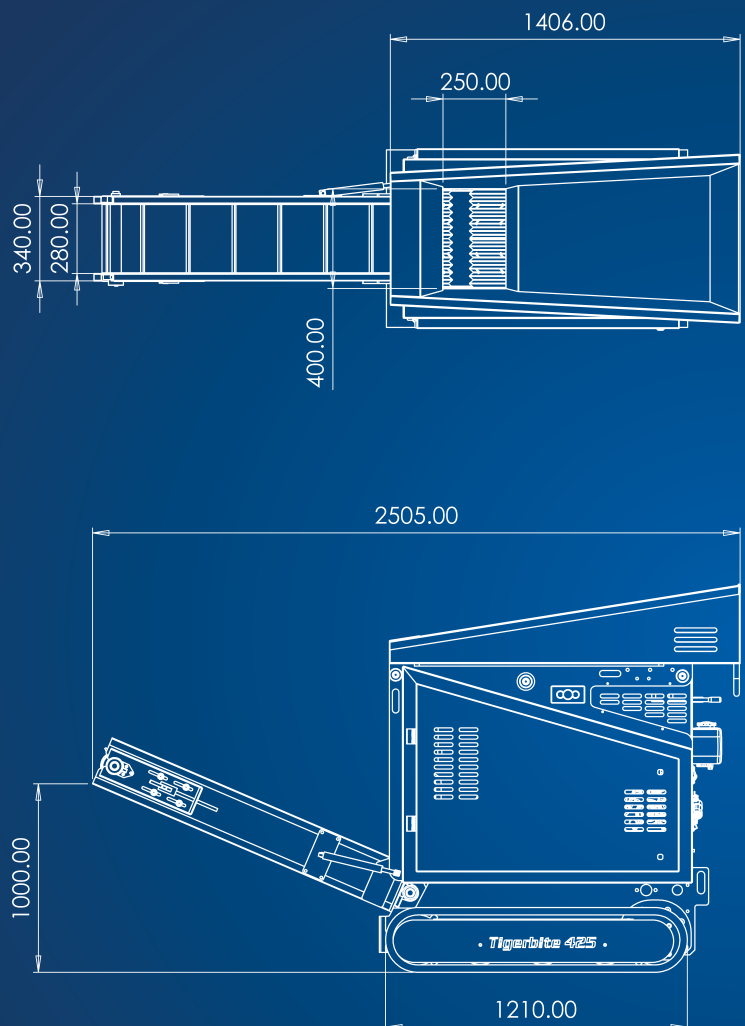
- Made from high quality tool steel and Hardox 450 framework
- Crush concrete, bricks, blocks and slabs with ease

* When in use

Transport mode



Crushing mode



Maintenance and service schedule

Keeping your Tigerbite Mini Crusher in peak condition is essential for maximising its performance, efficiency, and lifespan. That's why we provide a detailed Service & Maintenance Schedule, outlining the key areas of the machine that require regular attention, along with expert guidance on what needs to be maintained and when.

Our schedule is designed to simplify maintenance, ensuring you can keep your crusher running smoothly with minimal downtime. With clearly defined daily, weekly, and monthly intervals, as well as expert recommendations on servicing at key milestones, you'll have all the information you need to maintain reliability and reduce the risk of unexpected issues.

By following the Tigerbite Service & Maintenance Schedule, you can:

- ✓ Optimise performance – Keep your machine running at its best with routine checks.
- ✓ Extend lifespan – Prevent excessive wear and tear with timely maintenance.
- ✓ Minimise downtime – Reduce the risk of unexpected breakdowns and costly repairs.
- ✓ Plan ahead – Know exactly when and what servicing is needed for smooth operations.

Whether it's simple daily checks, weekly lubrication, or scheduled servicing at 500 or 1,000 motor hours, our Service & Maintenance Schedule provides the structure you need to keep your Tigerbite Mini Crusher crushing efficiently day after day.

For complete peace of mind, combine your maintenance schedule with one of our Tigerbite Service Packages, ensuring your machine is always supported by our expert team.

Contact our support team for more details on +44 (0) 1327 221850 or service@tigerbiteminicrushers.co.uk



Maintenance						Recommended Service Intervals			
Component		Maintenance Task	Daily	Weekly	Monthly	50-100hrs	250hrs	500hrs or 6 months (whichever's first)	1000hrs
Chassis		Inspect for visual damage such as cracks		●				●	●
	Frame, welds, nuts and bolts	Check that all bolts, nuts and fasteners are tight and secure		●				●	●
		Inspect all joints, welds and fasteners. Repair any damaged or worn parts			●				●
Engine	Oil (5W30 API-SN/ CF)	Inspect with oil dipstick and ensure oil is within the recommended range	●					●	●
	Air filter	Clean with compressed air, replace if heavily soiled or shows signs of wear or damage	●			●		●	●
	Fuel filter	Inspect the fuel filter for blockages or water contamination	●				●	●	●
	Clutch	Ensure the clutch plate and pressure plate are in good condition (replace if worn)	●				●	●	●
	Exhaust	Ensure there is no excessive smoke or unusual noises from the system		●				●	●
Crusher Box	Jaws	Check that all bolts, nuts and fasteners are tight and secure		●				●	●
	Jaw width adjustment	Inspect adjustment bar, plate and hydraulic ram for wear			●			●	●
	Toggle spring	Inspect the toggle spring for signs of wear or damage			●			●	●
	Camshaft (including bearings)	Check for any unusual noise, vibration, or signs of misalignment	●					●	●
	Drive belts	Check for any visible signs of wear, cracking, fraying, or damage to the drive belts	●					●	●
	Tension arm	Verify that the drive belts are properly tensioned. A loose belt can lead to inefficient operation, while an over-tightened belt can cause excessive wear on both the belt and components	●					●	●
Tracks	Track tension	Check that the tracks are properly tensioned. Tracks that are too loose can cause slipping or misalignment		●				●	●
	Track condition	Inspect the tracks for visible signs of wear, cracks, cuts, or damage. Look for any sharp edges or missing sections that could affect performance or safety. Ensure the tracks are clear of debris		●				●	●
	Rollers and Idlers	Inspect the rollers and idlers for signs of wear or damage. Listen for any unusual noises that might indicate damage or wear			●			●	●
Conveyor	Conveyor belt	Check the conveyor belt for any visible signs of wear, cuts, tears, or fraying. Check for material build-up on the conveyor belt, pulleys, or rollers	●					●	●
	Alignment and belt tracking	Ensure that the conveyor belt is aligned correctly with the pulleys and rollers. Misalignment can cause the belt to track improperly	●					●	●
	Drive Motor and Components	Listen for any unusual noises from the conveyor's drive motor. Ensure that the motor is functioning properly and that all related components (e.g., belts, gears, etc.) are in good working order		●				●	●
Battery	Battery terminals	Inspect the battery terminals for any corrosion, dirt, or loose connections. Clean the terminals if necessary and tighten any loose connections to ensure proper power delivery		●				●	●
	Fluid levels	Check the electrolyte fluid levels and top up with distilled water if necessary to keep the battery functioning properly		●				●	●
Safety	Functionality of E-Stop	Test each emergency stop button to ensure it engages and disengages properly when pressed	●					●	●
	Door locks	Test all door locks to ensure they are functioning correctly and securely. The lock should engage and disengage easily without force, ensuring that doors are properly secured during operation	●					●	●
Grease	Lubrication points	Identify and check all greasing points on the machine, such as bearings, pivot points, and other components that require regular lubrication to ensure smooth operation	●					●	●
	Grease Lines and Fittings	Inspect grease lines and fittings for damage, leaks, or blockages. Ensure that they are clear and functioning as intended to deliver grease to the correct parts		●				●	●
	Component Movement	Check for smooth movement in components that require greasing (such as hinges, rollers, and joints). Any stiffness or grinding may indicate insufficient lubrication or contamination			●			●	●

● Recommend to replace at service ● Inspect and replace if necessary



With Tigerbite Service Packages, you benefit from expert support, reduced downtime, and a crusher that continues to perform when you need it most.

Aftercare service packages

To ensure you continue to get the best performance from your Tigerbite Mini Crusher, we offer a range of service packages designed to keep your machine running smoothly and cost-effectively.

Our Service Packages Include:

Tiger Health Check



A thorough, professional inspection of your Tigerbite Mini Crusher, ensuring every key component is performing at its best. Our expert technicians will assess your machine, identify any potential issues, and provide a detailed report on its condition. This allows you to make informed decisions on any necessary maintenance or repairs, helping you to prevent unexpected downtime and keep your crusher operating at peak efficiency.

Tiger Care Protect



A comprehensive interim service designed to keep your Tigerbite Mini Crusher in top working condition. This package includes a full Tiger Health Check, along with the replacement of essential wear parts to maintain performance and reliability. Recommended at six months or 500 motor hours, this service ensures that your machine continues operating smoothly, with parts replaced in line with expected wear over this period.

Tiger Care Plus



A comprehensive annual service, offering the same benefits as Tiger Care Protect but tailored for 12 months or 1,000 motor hours. This package includes a full Tiger Health Check and the replacement of wear parts recommended for this extended usage period. Designed to maximise uptime and maintain peak performance, Tiger Care Plus ensures that your Tigerbite Mini Crusher remains in excellent condition for the long term.

Contact our expert team for more details on
+44 (0) 1327 221850 or service@tigerbitemini crushers.co.uk



Component		Service Inspection	Tiger Health Check	Tiger Care Protect	Tiger Care Plus
Chassis	Frame, welds, nuts and bolts	Inspect for visual damage such as cracks	●	●	●
		Check that all bolts, nuts and fasteners are tight and secure	●	●	●
		Inspect all joints, welds and fasteners. Repair any damaged or worn parts	●	●	●
Engine	Oil (5W30 API-SN/CF)	Inspect with oil dipstick and ensure oil is within the recommended range	●	●	●
	Air filter	Clean with compressed air, replace if heavily soiled or shows signs of wear or damage	●	●	●
	Fuel filter	Inspect the fuel filter for blockages or water contamination	●	●	●
	Clutch	Ensure the clutch plate and pressure plate are in good condition (replace if worn)	●	●	●
	Exhaust	Ensure there is no excessive smoke or unusual noises from the system	●	●	●
Crusher Box	Jaws	Check that all bolts, nuts and fasteners are tight and secure	●	●	●
	Jaw width adjustment	Inspect adjustment bar, plate and hydraulic ram for wear	●	●	●
	Toggle spring	Inspect the toggle spring for signs of wear or damage	●	●	●
	Camshaft (including bearings)	Check for any unusual noise, vibration, or signs of misalignment	●	●	●
	Drive belts	Check for any visible signs of wear, cracking, fraying, or damage to the drive belts	●	●	●
	Tension arm	Verify that the drive belts are properly tensioned. A loose belt can lead to inefficient operation, while an over-tightened belt can cause excessive wear on both the belt and components	●	●	●
Tracks	Track tension	Check that the tracks are properly tensioned. Tracks that are too loose can cause slipping or misalignment	●	●	●
	Track condition	Inspect the tracks for visible signs of wear, cracks, cuts, or damage. Look for any sharp edges or missing sections that could affect performance or safety. Ensure the tracks are clear of debris	●	●	●
	Rollers and Idlers	Inspect the rollers and idlers for signs of wear or damage. Listen for any unusual noises that might indicate damage or wear	●	●	●
Conveyor	Conveyor belt	Check the conveyor belt for any visible signs of wear, cuts, tears, or fraying. Check for material build-up on the conveyor belt, pulleys, or rollers	●	●	●
	Alignment and belt tracking	Ensure that the conveyor belt is aligned correctly with the pulleys and rollers. Misalignment can cause the belt to track improperly	●	●	●
	Drive Motor and Components	Listen for any unusual noises from the conveyor's drive motor. Ensure that the motor is functioning properly and that all related components (e.g., belts, gears, etc.) are in good working order	●	●	●
Battery	Battery terminals	Inspect the battery terminals for any corrosion, dirt, or loose connections. Clean the terminals if necessary and tighten any loose connections to ensure proper power delivery	●	●	●
	Fluid levels	Check the electrolyte fluid levels and top up with distilled water if necessary to keep the battery functioning properly	●	●	●
Safety	Functionality of E-Stop	Test each emergency stop button to ensure it engages and disengages properly when pressed	●	●	●
	Door locks	Test all door locks to ensure they are functioning correctly and securely. The lock should engage and disengage easily without force, ensuring that doors are properly secured during operation	●	●	●
Grease	Lubrication points	Identify and check all greasing points on the machine, such as bearings, pivot points, and other components that require regular lubrication to ensure smooth operation	●	●	●
	Grease Lines and Fittings	Inspect grease lines and fittings for damage, leaks, or blockages. Ensure that they are clear and functioning as intended to deliver grease to the correct parts	●	●	●
	Component Movement	Check for smooth movement in components that require greasing (such as hinges, rollers, and joints). Any stiffness or grinding may indicate insufficient lubrication or contamination	●	●	●

● Replace at service ● Inspect and advise

Tigerbite Manufacturer Warranty

1. YOU MUST REGISTER YOUR NEW MACHINE TO VALIDATE YOUR WARRANTY.

Visit our website at www.tigerbitemini crushers.com register and complete the warranty registration form within 14 days of delivery.

The conditions below describe the terms and scope of our 12 month warranty. They do not affect your statutory rights or the obligations of your retailer under your contract with them.

We provide warranty cover for this machine subject to the conditions set out below.

2. WARRANTY TERMS AND CONDITIONS

2.1 Warranty Commitment

The Manufacturer's warranty is a commitment to address product defects arising from materials or workmanship under normal use and adherence to Manufacturer guidelines.

2.2 Warranty Periods

- Tigerbite Mini Crushers: 1 year unlimited hours.
- Replacement Parts Fitted by Authorised Dealers: 12 months unlimited hours from the date of fitment.
- Standalone Replacement Parts: 6 months unlimited hours.
- If a defective part is replaced within the warranty period, the replacement part's warranty will not exceed the unexpired portion of the original warranty period.

2.3 Warranty Conditions

To maintain warranty validity, customers must:

- Perform regular maintenance as outlined in the Operator's Handbook.
- Complete the first scheduled service promptly, at 6 months or 500 motor hours (whichever comes first) and replace faulty or worn parts at time of diagnosis.
- Use only genuine Tigerbite parts or parts approved by Tigerbite.
- Ensure all warranty repairs are performed by authorised service agents.
- Complete and submit your warranty registration to the Manufacturer within 14 days of delivery, at <https://www.tigerbitemini crushers.com/register>
- Allow trained and experienced personnel to operate the machine.
- Provide the machine for warranty repairs immediately upon request.

2.4 Warranty Coverage

The warranty covers defects in materials and workmanship but excludes the following:

- Wear-and-tear items such as tyres, tracks, battery, starter motor, crusher jaws, conveyor belts, drive belts, bearings, camshafts, and jaw adjustment components.
- Routine maintenance, cleaning, and servicing, including materials used for these activities.
- Service parts such as filters, glow plugs, fan belts, fuel injection equipment, hoses, and lubricants.
- Electrical components subjected to water ingress.

- Damage caused by misuse, neglect, unauthorised modifications, or failure to adhere to maintenance schedules.
- Damage caused by impact.
- Issues related to fuel or oil contamination.
- Diagnostic work to identify faults or issues.

2.5 Customer Obligations

To ensure warranty support, customers must:

- Maintain the machine according to the Operator's Handbook.
- Schedule and release the machine for all applicable services.
- Provide evidence of adherence to servicing schedules when submitting warranty claims.
- Contact the Manufacturer or nearest authorised dealer in the event of a fault, providing an accurate description of the issue, machine model, and serial number.
- Arrange for the machine to be available for inspection in the event of a warranty claim. The Manufacturer does not cover travel costs associated with warranty inspections and repairs.
- You may not transfer, assign, charge, or otherwise dispose of this Warranty, or any of your rights or obligations arising under it, without our prior written consent.

2.6 Exclusions

The warranty will be void if:

- The machine is used beyond its design and strength limitations.
- Non-genuine parts or unapproved lubricants are used.
- Unauthorised modifications or repairs are made.
- The machine is operated in abnormal conditions not specified in the Operator's Handbook.

2.7 Independent Review

- The Manufacturer reserves the right to request the return of any part under warranty for independent inspection and review prior to approval of a claim.

2.8 Force Majeure

A Force Majeure Event includes any act, event, non-happening, omission or accident beyond our reasonable control and includes in particular (without limitation) the following:

- Strikes, lock-outs or other industrial action;
- Civil commotion, riot, invasion, terrorist attack or threat of terrorist attack, war (whether declared or not) or threat or preparation for war;
- Fire, explosion, storm, flood, earthquake, subsidence, epidemic or pandemic or other natural disaster;
- Impossibility of the use of railways, shipping, aircraft, motor transport or other means of public or private transport;
- Impossibility of the use of public or private telecommunications networks;
- The acts, decrees, legislation, regulations or restrictions of any government.

3. DISTRIBUTOR OBLIGATIONS.

The Distributor agrees to:

3.1 Warranty Management

- Handle all warranty claims in compliance with the Manufacturer's terms.

- Obtain authorisation from the Manufacturer before offering repairs or replacement parts under warranty.
- Ensure repairs are conducted using genuine parts by authorised service agents.

3.2 Customer Support

- Respond to warranty inquiries within [5 business days].
- Facilitate timely repairs upon receiving Manufacturer approval.

3.3 Reimbursement for Labor Costs

- The Manufacturer will reimburse the Distributor for labor costs at a regional hourly rate agreed upon in the Dealer Agreement, up to a maximum of 4 hours per claim unless additional time is authorised by the Manufacturer.

3.4 Record Keeping

- Maintain detailed records of all warranty claims, including:
 - Customer and machine details.
 - Description of the defect and repair.
 - Evidence of adherence to maintenance schedules.
 - Documentation of any ownership transfers for the warranty.
- Submit quarterly reports to the Manufacturer.

3.5 Training and Stock Management

- Ensure all technicians are adequately trained.
- Maintain sufficient stock of genuine replacement parts.

4. CLAIMS PROCESS

4.1 Submission and Approval

- All claims must be submitted to the Manufacturer with supporting evidence, including maintenance records, serial number, and fault details.
- The Manufacturer will provide a reference number for approved claims.

4.2 Repair and Replacement

- Repairs and replacements will be conducted by authorised service agents. Labour costs will be reimbursed as per Manufacturer-approved time allowances and the terms outlined in Section 3.3.

4.3 Audits and Inspections

- The Manufacturer reserves the right to audit warranty claims and inspect machines to verify compliance with warranty conditions.

5. TERMINATION

5.1 Termination by Either Party

Either Party may terminate this Agreement with [90 days' written notice].

6. GOVERNING LAW

This Agreement is governed by the laws of England and Wales.

7. ENTIRE AGREEMENT

This Agreement constitutes the entire understanding between the Parties and supersedes all prior agreements and understandings.

When should I service my Tigerbite 425 Mini Crusher?

We recommend maintaining the machine in line with the table summarised on page 7. This includes guidance on a daily, weekly and monthly basis. The Manufacturer Schedule mentioned in this booklet includes the Tigercare Protect service at 6 months, or 500 hours, whichever is soonest, followed by the Tigercare Plus service at 12 months, or 1000 hours, again whichever occurs first.

Which service is right for me?

The type of service you should choose depends on when the machine was last serviced, how old your machine is, and it's past and present usage.

How long does a service take?

An interim service is less extensive and includes fewer checks on your machine. It may take approximately 2 hours. The major service will take longer, often around 4 hours. You should aim to have your machine with us for 9AM to ensure same day turnaround.

What type of service do I need?

If you choose not to book the Manufacturer Schedule, you can instead opt for our interim or major service options with Protect and Plus. In order to validate your 12-month Warranty you must have the Tigercare Protect service ahead of it's recommended schedule.

What should I do if I buy a new Tigerbite 425 Mini Crusher?

Head to our website and pre-book your Manufacturer Schedule service plan. Or wait until you require a service, visit the website with your serial number and contact information and book the service you want.

*It's important to recognise there is a minimum 4-week wait period before a new service can be attended from booking.

Can I cancel a service booking?

Services can be rescheduled free of charge, but we ask no later than 3 days prior to the booked service date. If the service is to be cancelled within 3 days of the booked service date, there is a £25 administration fee. Whilst services can be rescheduled, they cannot be refunded.

Where is the service history recorded?

Whilst we will hold a record of the booked service in our systems, your logbook must be stamped by the engineer attending the machine on the day. This stamp will register the engineer's name, date, time and service type, giving you the opportunity to keep a detailed service log of your Tigerbite 425 Mini Crusher. Service history is logged against the serial number, and transferrable to new owners in the event of a resale. A second unit will have it's own logbook and record.

What do I do if the machine breaks down ahead of the service?

We can arrange for you to bring the unit in early and will review timings for the booked service and next steps. Breakdowns and consequential damage is not covered within the service but we will review what has been booked against what needs to be done, and be sure to seek confirmation of any repair work.

If you have any other questions, you can speak to our experts directly on **+44 (0) 1327 221850** or email sales@tigerbiteminicrushers.co.uk



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Designed and manufactured in the UK