



INSTRUCTION MANUAL

2500 WATT ELECTRIC IMPACT SHREDDER WITH COLLECTOR & HOPPER



SPARES & SUPPORT: 01793 333212

Please read & understand this manual, paying particular attention to the safety instructions, before use.

The manufacturer reserves the right to change the product specification and livery according to continued product improvements.

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Assembly Is Required

This product requires assembly before use. See the “Assembly” section for instructions. Please check that all parts required for the assembly of this spreader are included. If for any reason you believe a part for the assembly is missing or damaged, please contact us.

If you require any assistance with regards to the contents or operation of your machine, please contact us:

TEL: 01793 333212
(MON – FRI 8.00AM TO 5.30PM EXCL. BANK HOLIDAYS)

EMAIL: customerservice@handydistribution.co.uk

SPECIFICATIONS

The manufacturer reserves the right to change the product specification and livery according to continued product improvements.

Model Number	THISWB
Product Number	193895001
Voltage	230-240V~, 50Hz
Rated Power (Watt)	2500
Idle Speed (rpm)	4500
Maximum Branch Diameter (mm)	45
Collector Capacity (Litre)	40
Cable (m)	3
Degree of Protection	 IP24
Protection Class	II
Overall Size (mm)	(L) 460 (W) 360 front - 455 rear with wheels (H) 1050 – 1230 with Hopper
Weight (kg)	G.W 14.5 - N.W 13.8

* The diameter of the branch is not the only factor that determines how easy it will be to shred. A small branch can be difficult to shred when it has knots or is a particularly hard wood.

IMPORTANT INFORMATION

INTENDED USE

The device is intended for chopping up fibrous or woody organic material from household and garden. It may not be filled with stones, glass, metal, bones, plastics or material scraps.

This product is not intended for commercial use. Generally acknowledged accident prevention regulations and enclosed safety instructions must be observed.

Only perform work described in these instructions for use. Any other use is incorrect. The manufacturer will not assume responsibility for damage resulting from such use.

ELECTRICAL REQUIREMENTS

Connect the main leads to a standard 230V+10% (50Hz+1Hz) electrical supply which has protection devices for under-voltage, over-voltage, over-current as well as a residual current device (RCD) with maximum residual current rated at 0.03A.

EXTENSIONS LEADS

Improper use of extension leads may cause inefficient operation of the log splitter which can result in overheating. Be sure the extension lead is no longer than 10m and its cross-section is no less than 2.5mm² to allow sufficient current flow to the motor. Avoid use of loose or inadequately insulated connections. Connections must be made with a protected material suitable for outdoor use.

WORKING CONDITIONS

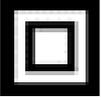
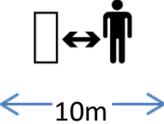
This log splitter is a domestic use model. It is designed for operating under ambient temperatures between +5°C and 40°C and for installation at altitudes no more than 1000m above M.S.L. The surrounding humidity should be less than 50% at 40°C. It can be stored or transported under ambient temperatures between -25°C and 55°C.

INSPECT YOUR BRANCH

Make sure there are no nails or foreign objects in branches to be shred.

GENERAL SAFETY INSTRUCTIONS

It is important that you read and understand the owner's manual and labels affixed to the machine. Learn its application and limitations as well as the specific potential hazards. Retain these instructions for future reference. The operator is responsible for following the warnings & instructions in this manual and on the product.

	<p>Read & understand operator's manual before using the machine. Failure to follow instructions could result in death or serious injury.</p>		<p>Risk of Slicing. Keep hands out of the way of all moving parts.</p>
	<p>Wear gloves to protect your hands</p>		<p>DO NOT REACH INTO THE HOPPER</p>
	<p>Whenever the machine is in use, safety glasses must be worn to safeguard against flying objects. Hearing protection must also be used to protect the operators hearing. If the operator is working in an area where there is a risk of falling objects, a safety helmet must also be worn.</p>		<p>Unplug when not in use, before making adjustments, changing parts, cleaning, or working on the log splitter. Consult the technical manual before servicing.</p>
	<p>Double Insulated Protection</p>	 DANGER	<p>Foreign bodies may be thrown from the machine</p>
	<p>Check your machine before turning it on. Keep guards in place and in working order. Frequently check to see that tools are removed from the machine area before turning it on. Replace damaged, missing or failed parts before using it.</p>		<p>Keep all bystanders & animals at least 10 metres away from the machine during operation. If approached, stop the machine immediately.</p>



Safety alert symbol. Used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury.



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in serious injury.



WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in serious injury



CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

STAY ALERT

Do not operate the machine while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly. Do not use this machine when you are tired or distracted from the job at hand. Be aware of what you are doing at all times. Use common sense.

AVOID DANGEROUS CONDITIONS

Make sure there is adequate surrounding workspace. Cluttered areas invite injuries. Keep your work area clean with sufficient light. Keep the area around the machine clear of obstructions, grease, oil, rubbish and other debris which could cause persons to fall onto moving parts.

INSPECT YOUR MACHINE

Check all bolts, nuts, and screws for tightness before each use, especially those securing guards and drive mechanisms. Vibration during use, may cause these to loosen.

Form a habit of checking to see that all other tools/equipment are removed from the working area before turning it on.

Replace damaged, missing or failed parts before using it. Warning labels carry important information. Replace any missing or damaged warning labels.

DRESS PROPERLY

Do not wear loose clothing, gloves, scarfs, neckties or jewelry (rings, wrist watches), which can be caught in moving parts. Protective electrically non-conductive gloves and non-skid heavy duty footwear are highly recommended when working. Wear a face or dust mask if the operation is dusty. Always wear safety glasses/goggles and/or face shields. Everyday eyeglasses have only impact resistant lenses; they are not safety glasses/goggles. Wear protective hair covering to contain long hair, preventing it from getting caught in machinery.

AVOID ELECTRICAL SHOCK

Check that the electrical circuit is adequately protected and that it corresponds with the power, voltage and frequency of the motor. Check that there is a ground connection, and a regulation differential switch, further up the circuit. Ground the machine. Prevent body contact with grounded surfaces: pipes, radiators, ranges, and refrigerator enclosures.

Never open the pushbutton box on the motor. Should this be necessary, contact a qualified electrician. Make sure your fingers do not touch the plug's metal prongs when plugging or unplugging the machine.

KEEP BYSTANDERS AND CHILDREN AWAY

Keep unauthorised persons a minimum distance of 10 metres away from the machine. If approached, stop the machine immediately. Do not allow children to handle, climb on or in the machine.

DO NOT OVERREACH

Keep proper footing and balance at all times when using the machine. Never stand on the machine. Serious injury could occur if the machine is tipped or if the moving parts are unintentionally contacted. Do not store anything above or near the machine, where anyone might stand on the machine to reach them.

AVOID INJURY FROM UNEXPECTED ACCIDENT

Keep hands & feet out of the way of all moving parts. Do not place any part of your body or any tool e.g. in the machine during operation.

DO NOT FORCE TOOL

Always work within the rated capacity. Do not use the machine for a purpose for which it was not intended.

NEVER LEAVE MACHINE RUNNING UNATTENDED

Do not leave the machine unattended until it has come to a complete stop.

MAINTAIN YOUR MACHINE WITH CARE

Clean the machine immediately after use. Keep the machine clean to ensure it operates to its full & safest performance. When maintaining this machine, only the manufacturer's original replacement parts should be used. The use of non-original manufacturer parts may invalidate your warranty.

PROTECT THE ENVIRONMENT

Take left over materials to an authorised collection point or follow the stipulations in the country where the machine is used. Do not discharge into drains, soil or water.

STORE IDLE EQUIPMENT

When not in use, the machine should be stored in a dry location. Keep the machine away from children and others not qualified to use it.



This symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

For more detailed information about recycling of this product, please contact your local council office, your household waste disposal service or shop where you purchased the product.

THE MACHINE

SUPPLIED AS STANDARD

Instruction Manual, Shredder, Collector, Paddle Prod, Frame, Axle, Wheels, Wheel Trims, Fixing Kit



1. The Hopper	2. Reset Button
3. Transport Handle	4. Locking Screw
5. On-Off Switch	6. Mains Three Pin Plug
7. Collector Locking Lever	8. Collector

ASSEMBLY

- Screw down the frame (9) to the device as illustrated with the screws (10).
- Push the axle (11) into the frame.
- Push the washer and socket (12) onto the axle.
- Push the wheel onto the axle.
- Tighten the wheel with the washer and nut (13).
- Place the wheel cap on the wheel.
- Repeat the procedure for the other wheel.



- Push the collection tray (8) into the frame.
- Change locking lever (7) to top position.



OPERATION



DANGER

The product must only be put into operation if no defects are found. It is crucial that any defective parts are replaced before the product is used again.

Check the safety equipment and the safe condition of the product:

- Check whether the hopper is empty.
- Check all parts to make sure that they fit tightly.
- Check whether there are any visible defects: broken parts, cracks, etc.

COLLECTOR LOCK LEVER

The machine is supplied with a safety function, which prevents it being operated if the collector lock lever is in the unlock position. The machine will automatically stop, if the collection box is unlocked during operation.

Upper position → The collection box is locked.

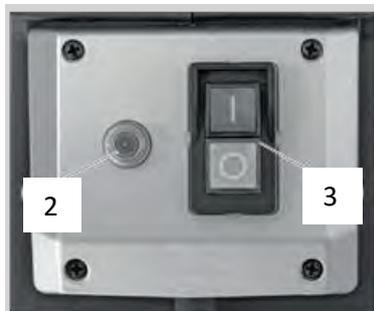
Lower position → The collection box is unlocked.

SWITCHING THE MACHINE ON & OFF



Before starting the product, make sure that there is no material in the hopper.

Before feeding material in, wait until the chipper has reached its working speed.



Switch on = Press Green [1] Button

Switch off = Press Red [0] Button

OVERLOAD PROTECTION

Note: If a blocked blade causes an overload, the circuit is automatically interrupted to protect the motor.

- Unplug the machine from the electrical source.
- Remove blocked chippings. **Note:** Allow the motor to cool down for at least five minutes!
- Press Reset Button (2).
- Re-connect the power supply.
- Start the product.

EMPTY THE COLLECTOR



WARNING

Press the Off Button [O] and separate the device from the main power supply before removing or inserting the collector.

Note: The Locking Lever has the function of a safety switch and must be in its top position while operating the product.

If the Locking Lever is correctly located, but the machine is not operating, this & the switch must be cleaned, if required.



- Move Locking Lever (7) to bottom position.
- Pull the collection container (8) completely out of the frame.
- Empty the container (8).
- Slide the collection container (8) onto the frame as far as it will go.
- Move Locking Lever (7) to top position, when

NOTES ABOUT CHIPPING

- Organic garden waste can be chipped as biological fertiliser for the garden. Feed material which breaks down naturally such as leaves, small branches, and grass in appropriate quantities into the hopper (1) so that it does not get blocked.
- Alternate chipping branches and garden waste, that has been stored for a few days & is therefore withered and damp. This prevents blocking of the motor cylinder.
- Do not put soft waste such as kitchen waste into the chipper; compost it instead.
- Large branches with leaves must first be chipped completely before any other material is fed in.
- If you cut heavy material or branches without interruption, this may block the chipper. Pull out the material by hand a little, to counteract this problem (DO NOT REACH INTO THE HOPPER).
- Stones, nails or similar objects can cause major damage to the chipper. (CHECK CAREFULLY)
- If the chipper begins to vibrate strongly, the blades are damaged or worn out. Replace the blades if necessary (see later pages in this manual for details).

ATTACH THE HOPPER

The detachable hopper can be fitted and removed from the top of the shredder to help the user feed material into the shredder.



- Place the hopper on top of the shredder.
- Loosen the green side clasps on the hopper.
- Ensure the metal link is positioned under the hook of the shredder.
- Pull the green side clasps of the hopper upwards to lock into place.
- To remove, follow the above steps in reverse.

CLEANING



DANGER

Before all cleaning and maintenance work, switch the device off and disconnect the mains plug from the electrical source. Wait until all moving parts have come to a complete stop and the device is cooled off.

CLEANING THE DEVICE

- Careful handling and regular cleaning ensure that the device will remain functional & powerful for a long time.
- Brush off coarse dirt.
- Wipe down the device with a slightly damp cloth.
- Never spray the device with water or subject it to water.
- To clean, never use cleansers or solvents. This can cause irreparable damage to the device. The plastic parts can be eaten away by the chemicals.

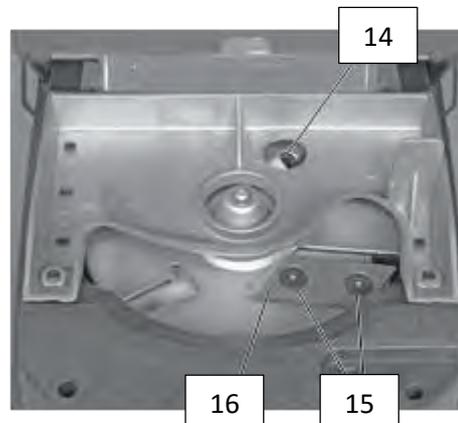
MAINTENANCE

CHANGING BLADES

SAFETY GLOVES MUST BE WORN AT ALL TIMES.

- Loosen the closure screw (4) and fold out the hopper.
- Insert a suitable object (Allen Key or Screwdriver) as shown and hold it in the hole (14).
- Loosen the screws (15) with an Allen Key.
- Turn or replace the blade (16).
- Install in the reverse order.

Note: Blades can also be sharpened. However, this should be done by a professional, both blades must maintain the same weight in order to maintain a balanced operation. An imbalance of the blades can cause damage and injuries.



STORAGE & TRANSPORT

STORAGE



WARNING

Make sure that unauthorised persons do not have access to the device!

- Allow the device to cool completely, before storing.
- Store the machine in a dry place.
- Store away from direct sunlight.
- Do not store anything above or near the machine, where anyone might stand on the machine to reach them.
- Keep the machine away from children and others not qualified to use it.

TRANSPORT

- Secure the device against slipping.
- When shipping, use the original packaging if possible.

TROUBLE SHOOTING

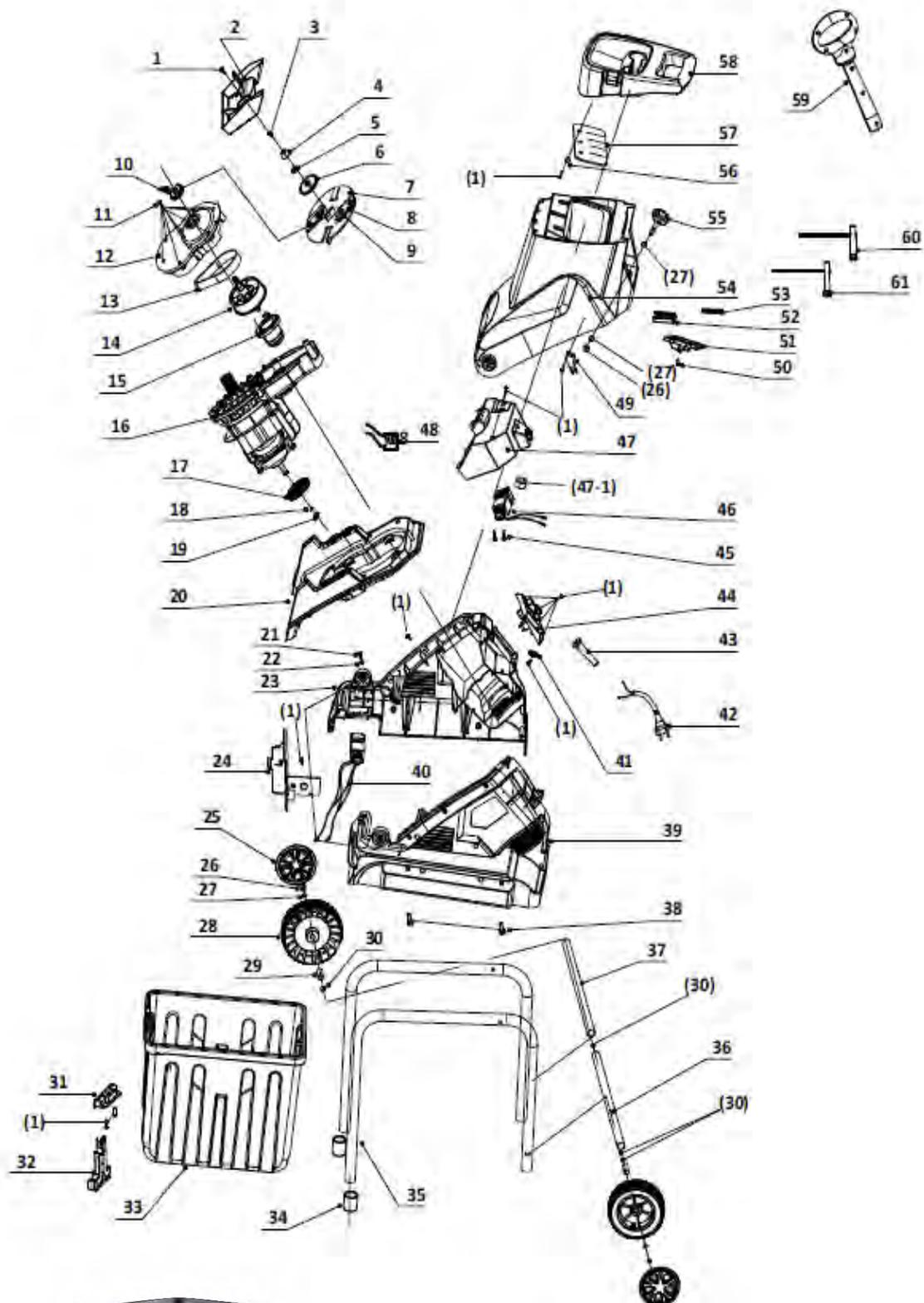


DANGER

Improper repairs can cause your device to stop functioning safely. You therefore endanger yourself, bystanders and your environment. You also risk invalidating your manufacturer's warranty.

PROBLEM	PROBABLE CAUSE	REMEDY SUGGESTED
Motor not running.	No Mains Voltage?	Check cable, plug, socket and fuse.
	Cable Faulty?	Contact your local Approved Service Dealer or Electrical Specialist if out of Warranty.
	Motor Protection Activated?	Remove all chipped debris & press reset button
	Safety Trigger not triggered?	Check the hopper motor housing connection
	Locking Lever is bottom position?	Ensure Locking Lever on collector is positioned in upper most position.
Material is not being pulled into machine.	Material blockage?	Remove all chipped debris from blades. (SAFETY GLOVES MUST BE WORN)
	Are the blades jammed/blocked?	Remove all chipped debris & press reset button
	Are the blades worn?	Replace the blades where necessary, see blade removal instructions.

PARTS DIAGRAM – THISWB (193895001)



NOTE: Parts Lists are supplied for information purposes only, not all parts are stocked individually & we recommend you contact our Spares Team on 01793 333212 for expert advice.

PARTS LIST – THISWB (193895001)

ITEM	HANDY PART NO.	DESCRIPTION	QTY
1	TH104030161	S.T Screw 4.2 X 15B	47
2	TH4010022	Blade Defend Plate	1
3	TH104030408	Bolt M5X12	1
4	TH103990484	Nut Cover	1
5	TH104020048	Check Nut M12	1
6	TH103990450	Blade Block	1
7	TH103990449-1	Blade Plate Φ 178.5X5	1
8	TH103040077B	Blade	2
9	TH104030246	Hex.Socket Bolt M10X12	4
10	TH103990448	Drive Block	1
11	TH104030149	S.T Screw 4.8X19B	8
12	TH3010800069	Gearbox Top Cover c/w Bearing Assembly	1
13	TH105990120	Belt 10PJ375	1
14	TH3010800072	Pulley	1
15	TH3010800071	Pulley Tensioner	1
16	TH4070184	Motor Assembly	1
	TH2020121	S.T Screw 5X85B	2
	TH301080368	Motor Bracket	1
	TH102010386A	Motor Stator	1
	TH104030010	Male Tab F6.3*0.5	2
	TH103050142	Little Belt Wheel	1
	TH103050144	Bearing	1
	TH102010386B-1	Motor Rotor	1
	TH103050100	Bearing	1
	TH102060061	Brush Assembly 17*13*7	2
	TH103020119	Brush Bracket	2
	TH301080373-1	Motor Back	1
17	TH301080375	Fan Φ 95	1
18	TH104050007	C-Ring Φ 9	1
19	TH3010800060	Fan Cover	1
20	TH301080362	Blade Panel Base	1
21	TH104030159	S.T Screw 4.2X10B	2
22	TH104010135	Flat Washer Φ 4X Φ 11X1.5	2
23	TH301080364	Right Housing	1
	TH103990748	Housing Insert M6*9.2	4
24	TH301080365	Cable Cover	1
25	TH301080126G	Wheel Trim	2
26	TH104020020	Check Nut M8	3
27	TH104010047	Flat Washer Φ 8X Φ 20X1.5	4
28	TH301080119	Wheel	2

ITEM	HANDY PART NO.	DESCRIPTION	QTY
29	TH103010098	Wheel Sleeve Φ 14X Φ 10X32	2
30	TH104010136	Flat Washer Φ 10X Φ 20X1.5	4
31	TH3010800086	Collector Key Entrance	1
32	TH3010800087A	Collector Switch	1
33	TH301080367	Collector	1
34	TH301080369	Rubber Feet	2
35	TH4050141	Supporting Leg Assembly	2
36	TH4050143	Axle Sleeve Φ 14* Φ 12*308	1
37	TH103050227	Axle 451* Φ 10*M8	1
38	TH104030407	Hex.Socket Bolt M6X45	4
39	TH301080363	Left Housing	1
40	TH4080038	Pre Forced Switch	1
41	TH301990135	Cord Clamp	1
42	TH102070670	Three Pin Plug & Cable	1
43	TH3010800063	Cable Sheath	1
44	TH4080041	Switch Assembly	1
	TH102990141	Over-Load Protector	1
	TH301080366	Switch Panel	1
	TH102020203	Solenoid Switch	1
45	TH104030247	S.T Screw 4.2X35	2
46	TH4080039	Back Forced Switch	1
47	TH301080361	Blade Panel Upper Cover	1
47-1	TH104020072	Nut M8*14*11.7	1
48	TH102030030	Capacitor	1
49	TH103990724	Key	1
50	TH104030126	S.T Screw 3*8 A	4
51	TH301080377	Top Block	1
52	TH301080376	Cover Plate	1
53	TH103060273	Spring Φ 0.5* Φ 4.8*40	1
54	TH301080360	Upper Housing	1
55	TH3010801231-1	Knob	1
	TH103990725-1	Knob Insert	1
56	TH104010024	Flat Washer Φ 5* Φ 14*1.5	3
57	TH301080356	Inlet Back Plate	1
58	TH301080374	Inlet Panel Plate	1
59	TH3010800030	Plunger	1
60	TH4050083-1	Allen Key	1
61	TH103090050	Allen Key	1
62	TH3880065	Hopper	1

GJ HANDY & CO LTD USER WARRANTY POLICY

1. Users Statement of Warranty

- Each new machine is warranted against defective material or assembly of material under normal usage. The warranty applies to the original purchaser and covers faulty parts and the labour involved in replacing and repairing those parts, which are of original manufacture.

2. Period of Warranty

All Webb, Handy Pro (Brushcutter & Long Handle Hedgecutter only) products

- 2 years from the original date of sale to the first domestic user.
- 90 days from the original date of sale to the professional/commercial user.
- 90 days from the original date of sale when used for hire.
- Engines as per the manufacturer's warranty statement which will be supplied with the machine.
- 90 days from the original date of purchase for Replacement Spare Parts (unless normal wear & tear component, which are covered for 30 days).
- All machines' must be serviced within the first 12 months from the original date of purchase to comply with the warranty, failure to do so will invalidate the 2nd year of the warranty.
- A reduced warranty period of 90 days applies to those items which are subject to normal wear and tear (e.g. wheels, tyres, cutter bars, cylinders, bottom blades, belts, cables, grass bags, spark plugs).

All Handy, Handy Pro (All others), Mowerland and Q-Garden domestic products

- 1 year from the original date of sale to the first domestic user.
- 90 days from the original date of sale to the professional/commercial user.
- 90 days from the original date of sale when used for hire.
- Engines as per the manufacturer's warranty statement which will be supplied with the machine.
- 90 days from the original date of purchase for Replacement Spare Parts (unless normal wear & tear component, which are covered for 30 days).
- A reduced warranty period of 90 days applies to those items which are subject to normal wear and tear (e.g. wheels, tyres, cutter bars, cylinders, bottom blades, belts, cables, collection bags, spark plugs).

All warranty repairs must be undertaken by an authorised service dealer.

These dealers have been accredited by GJ Handy & Co Ltd and agree to only use genuine parts and follow our repair procedures.

GJ HANDY & CO LTD USER WARRANTY POLICY

3. Not covered by this warranty

- The warranty policy does not cover any depreciation or damages caused by ordinary wear, rusting or corrosion, lack of correct maintenance or operation, misuse, abuse, lack of transportation or accident.
- The warranty policy does not cover any costs necessary for the standard periodic maintenance services instructed by the operators manual, or service parts replacement which would include oil, filters, tyres, belts, brake linings, fuses, blades, seals and other service parts unless it can be proven that the item has evidence of faulty manufacture.
- The warranty policy will not cover failure or damage caused as a result of parts or accessories being modified without the written approval of GJ Handy & Co Ltd.
- The warranty policy will not cover the unit if non-genuine parts have been fitted and as a result damage has occurred to the unit.
- The warranty policy is non-transferable and is only applicable to the original purchaser.

4. Disclaimer

- This warranty is only a remedy for defect of products. GJ Handy & Co Ltd will never warranty in terms of the merchantability or the fitness for a particular purpose.
- No person is authorised to make any warranties, representations or promises, expressed or implied, on behalf of GJ Handy & Co Ltd, or to modify the terms conditions or limitation of this warranty policy in any way.
- Neither GJ Handy & Co Ltd nor any company affiliated with GJ Handy & Co Ltd shall be liable in any event or manner whatsoever for incidental or consequential damages or injuries, including, but not limited to, loss of crops, loss of profit, out of pocket expenses or profits, rental of substitute equipment or other commercial losses.

5. General

- Most warrantable failures show up within the first few weeks of use. These failures are usually straightforward and warranty assessment is relatively easy.
- Failures relating to cutter decks and belts need careful investigation, as the cause may not always be straightforward. Look for damage to blades and pulleys especially when the cutter belt or blade boss have snapped or cracked as this could be due to impact damage.
- Customers should always refer to the operator/instruction manual when any disputed problem arises, you will find most areas covered within the manual.



EC DECLARATION OF CONFORMITY

We Handy Distribution Ltd - SN3 5HY (Importer) declare that the product:

Designation:

2500 Watt Electric Impact Shredder with Collector

Model(s):

THISWB

Type/Serial No:

As per rating label on machine

Complies with the following directives:

2006/42/EC – Machinery Directive

2014/30/EU - Electromagnetic Compatibility

The conformity assessment procedure followed was in accordance with

EN60335-1/A11:2014, EN13683/A2:2011, EN62233:2008

EN55014-1:2006/A2:2011, EN55014-2:1997/A2:2008, EN61000-3-2:2014, EN6100-3-11:2000

Notified Body:

TÜV SÜD Product Service GmbH

Address(es):

Zertifizierstelle, Ridlerstraße 65, 80339 München, GERMANY

Guaranteed Sound Power Level:

106 dB(A)

Authorised signatory & technical file holder

Date:

08/03/2016

Signature:

A handwritten signature in black ink, appearing to read 'S Belcher', written over a horizontal line.

Name:

Mr Simon Belcher

Position:

Managing Director

Company:

Handy Distribution Ltd

Address:

Murdock Rd, Dorcan, Swindon, Wiltshire, SN3 5HY.



**FOR SPARES OR SUPPORT OF YOUR HANDY PRODUCT,
PLEASE CONTACT US:**

**TEL: 01793 333212
(MON – FRI 8.00AM TO 5.30PM EXCL. BANK HOLIDAYS)**

EMAIL: customerservice@handydistribution.co.uk

To see our complete range of garden machinery and equipment visit:

www.thehandy.co.uk

Distributed by Handy Distribution, Murdock Road, Dorcan, Swindon, SN3 5HY