LUMBER JACK

SAFETY AND OPERATING MANUAL

Reciprocating Saw

RSS150

ORIGINAL INSTRUCTIONS

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Welcome to Lumberjack!

Thank you for purchasing this Lumberjack product, we hope you enjoy many years of creative and productive use.

Please read this manual thoroughly and keep for your reference.

Machine Details

Specifications:

Mains Voltage - 230V(50Hz)

Power Consumption - 1200W

No Load Speed - 2800rpm

Max. Cutting Depth -

Wood - 210mm
Aluminum - 20mm
Steel - 10mm

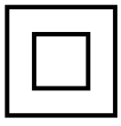
Gross Weight - 3.5kg

Nett Weight - 3.0kg

Package Contents:

Wood Blade

Metal Blade



Double insulated Class II product

Do not dispose of in household waste

Intended Use

This reciprocating saw has been designed for sawing metal, plastic, wood tiles and cutting pipes. Read, understand and follow all safety rules and instructions before using this tool. Please refer to below picture to familiarize yourself with the major components of this tool before using it.

Noise level:

A weighted sound pressure level LpA: 91dB(A)
KpA: 3 dB(A)
A weighted sound power level LwA: 102 dB(A)
KwA: 3 dB(A)

Vibration figures:

Ah,B= 15.233 m/s (Main handle)
Ah,M = 15.877 m/s (auxiliary handle)
A h,WB = 14.880 m/s (Main Handle)
Ah,WB = 15.135 (auxiliary handle)
K = 1.5 M/S
K = UNCERTAINTY

Product Features

1. Blade
2. Shoe
3. Robust sole plate
4. Blade clamp lever
5. Cutting support lock button
6. Orbital cutting action
7. Variable speed trigger
8. Comfortable soft grip handle

Refer instruction maunal

Caution! Wear ear defenders.

Caution! Wear a dust mask.

Caution! Wear safety goggles.

Wear protective gloves

Caution! Risk of injury

General Power Tool Safety Warnings

Read all safety warnings and all instructions – Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains operated or battery operated power tool.

1. Work Area Safety

1.1 Keep work area clean and well lit. Cluttered or dark areas invite accidents.

1.2 Do not operate the power tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

1.3 Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control of the power tool.

2. Electrical Safety

2.1 Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed

(grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

2.2 Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded

2.3 Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

2.4 Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges and moving parts. Damaged or entangled cords increase the risk of electric shock.

2.5 When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of electric shock.

2.6 If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3. Personal Safety

3.1 Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention whilst operating power tools may result in serious personal injury.

3.2 Use personal protective equipment (PPE). Always wear eye protection. Protective equipment such as dust masks, non-skid shoes, hard hats, or hearing protection used for appropriate conditions will reduce the risk of personal injuries.

3.3 Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

3.4 Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

3.5 Do not over reach. Keep proper footing and balance at all times. This enables better

control of the power tool in unexpected situations.

3.6 Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

3.7 If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4. Power Tool Use and Care

4.1 Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

4.2 Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

4.3 Disconnect the plug from the power source and making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

4.4 Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

4.5 Maintain power tools. Check for misaligned or binding of moving parts, breakages of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

4.6 Keep cutting tools clean and sharp. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

4.7 Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5. Service

5.1 Have your power tools serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

6Additional Safety and Working Instructions

6.1 Dusts from materials such as lead-containing coatings, some wood types, minerals and metals can be harmful to one's health and cause allergic reactions, leading to respiratory infections and/or cancer. Materials containing asbestos may only be worked by specialists. Observe the relevant regulations in your country for the materials to be worked.

6.2 Prevent dust accumulation at the workplace. Dusts can easily ignite.

7 Additional Warnings for Reciprocating Saws

7.1 Fully read and understand the manual, and the saws limits. This will limit the risk of electric shock, fire or other serious injuries.

7.2 Always wear PPE. Wearing eye, ear and any other personal protective equipment will reduce the rick of injury caused by accidents.

7.3 Always unplug the tool from the socket when changing the blade or making any adjustments to the tool.

7.4 Do not wear loose clothing or jewellery when operating the tool. These can become caught in the tool and cause serious harm.

7.5 Hold the tool by the insulated gripping surfaces when operating. To reduce the risk of shock.

7.6 Never hold the work piece in one hand and use the tool in the other. Always use two hands to operate the machine.

7.7 Always make sure the workpiece is one material, i.e. wood items are free of nails etc. Cutting through a nail can cause the tool to jump and damage the blade.

7.8 Always make sure the blade clamp is holding the blade securely. Loose blades can be thrown violently from the tool.

7.9 Never use dull or damaged blades.

7.10 Never touch the blade during or immediately after use. The friction generated caused the blade to become very hot.

Assembly

CAUTION! Always ensure that the tool is switched off and unplugged from the mains supply before assembly.

Installing a saw blade:

1. Open the blade clamp by releasing the lever which with the marking This will retract the pin and allow the saw blade to be inserted.
2. Insert the saw blade into the clamp to the deepest position and release the lever to lock the blade in position.
3. Pull on the blade several times to ensure it s securely fastened.

Shoe adjustment:

1) Press the cutting support lock button under the front of the tool.
2) Adjust the cutting support to the required depth.
3) Release cutting support lock button.

Operation

Switching On/Off

Caution! Ensure that the tool is in good condition.

The trigger switch of this tool features variable speed control:

1. Switching on/off: plug the cord set into the power socket. Slowly press the trigger switch, the tool will be turned on and runs from slow to fast. The tool reaches its full speed when the trigger switch is fully pressed. Fully release the trigger switch will turn the tool off.

General Cutting

1. Make sure the saw blade is clear of any foreign material and the power cord or the tension cord are out of the path of the blade.
2. Be sure the material to be cut is held firmly. Small work pieces should be securely clamped in a vise or clamped to the work bench.
3. Make out a cutting line.
4. Hold the saw firmly in front and clearly away from you.
5. Switch on the tool and wait until the saw has reached its full speed.
6. Place the shoe on the work piece and begin to saw.

WARNING! Use of excessive pressure that causes bending or twisting of the blade may cause the blade to break.

Metal Cutting

1. When cutting metal material such as sheet steel, pipe, steel rods, aluminum, brass and copper etc., be careful not to bend or twist the blade and do not force the cutting action.

2. It s recommended that you use cutting oil to lubricate the cutting surface to avoid the blade from overheating. Following the general cutting procedure on previous page.

WARNING!

If any of the following events occur during normal operation, the power supply should be shut off at once and tool thoroughly inspected by a qualified person and repaired if necessary:

1. The rotating parts get stuck or speed drops abnormally low.

2. The tool shakes abnormally accompanied by some unusual noise.

3. The motor housing gets abnormal hot.

4. Heavy sparks occur around the motor area.

Grade	Cutting	Material
0	Line cutting	Use for cutting soft metal, stainless steel and plastic
I	Small track cutting	Used for cutting soft metal, aluminum and hard wood
II	Middle track cutting	Used for cutting wood and plywood Used for a fast cutting in aluminum and soft metal
III	Big track cutting	Used for a fast cutting in wood and plywood

Parts List

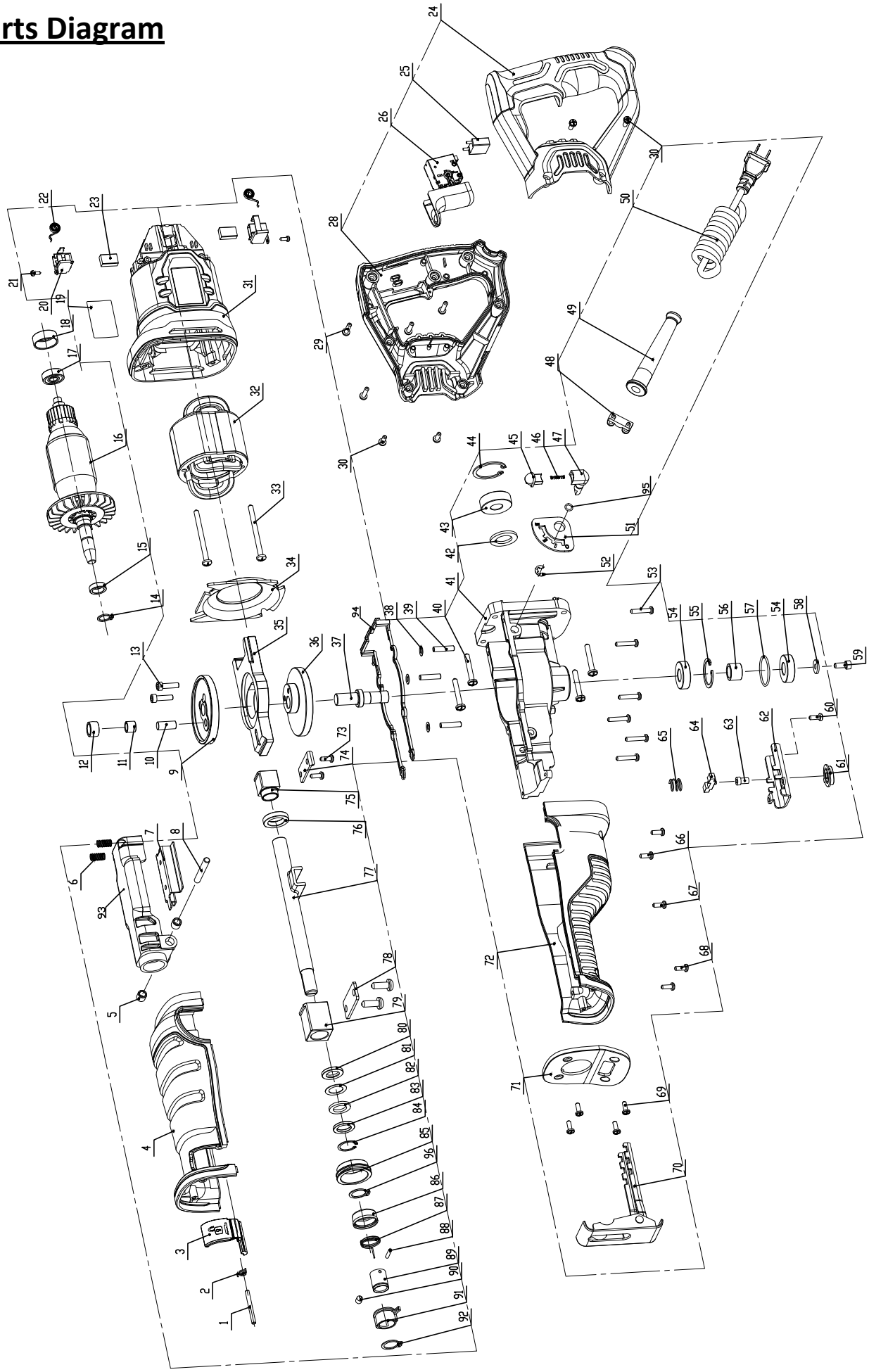
Part No.	Description	Qty
1	Pin φ4*38	1
2	Tension Spring	1
3	Button for chuck	1
4	Upper guard	1
5	Steel cover	2
6	Reposition spring	2
7	Guide plate	1
8	Pin φ6*48	1
9	Eccentric disc	1
10	Pin φ8*19	1
11	Needle block	1
12	Ball bearing 11*15.5*9	1
13	Screw M5*18	2
14	Circlip for shaft φ12	1
15	Spacer bush for armature	1
16	Armature	1
17	Bearing 6082Z	1
18	Bearing sleeve	1
19	Label	1
20	Carbon brush holder	2
21	Screw ST2.9*8	2
22	Volute spring	2
23	Carbon brushes	2
24	Left handle	1
25	Capacitor 0.22μF	1
26	Switch	1
28	Right handle	1
29	Screw ST4.2*16	5
30	Screw ST4.2*14	4
31	Housing	1
32	Stator	1
33	Screw ST4.2*60	2
34	Air baffle	1
35	Balance block	1
36	Gear	1
37	Gear shaft	1
38	Washer φ5.2*φ10*0.5	3
39	Pin φ5*22	3
40	Screw ST4.8*30	4
41	Gear box	1
42	Wool ring φ19.5*φ28*3	1
43	Bearing 6201-2RS	1
44	Circlip for hole φ32	1
45	Knob lever for orbital	1
46	Spring for button	1
47	Push button for orbital	1
48	Cable clip	1
49	Cable sleeve	1
50	Cable and plug	1
51	Scale	1
52	Circlip 7	1
53	Screw ST4.2*16	6
54	Bearing 6001-2RS	2
55	Circlip for hole φ28	1
56	Spacer bush for gear	1
57	O ring φ28*1.8	1
58	Washer φ5.2*φ14*2	1
59	Screw M5*14	1

Parts List

60	Screw M4*14	1
61	Button for shoe	1
62	Baffle plate for shoe	1
63	Pin for shoe	1
64	Lock for shoe	1
65	Spring for shoe	1
66	Screw M4*14+washers	2
67	Screw M4*14+washers	1
68	Screw M4*14+washers	2
69	Screw ST4.2*10	4
70	Shoe	1
71	Baffle plate	1
72	Lower cover	1
73	Screw M5*14 with washer	4
74	Press plate 2	1
75	Slide bearing 2	1
76	Bearing 6803	1
77	Reciprocating lever	1
78	Press plate 1	1
79	Slide bearing 1	1
80	Wool ring φ13.5*22*3	1
81	Washer φ14.6×φ22×0.5	1
82	Sealing ring	1
83	Washer φ14.6*φ22*1.5	1
84	Circlip for hole φ22	1
85	Dust proof ring	1
86	Plastic ring	1
87	Tension Spring	1
88	Pin φ3*17	1
89	Inner ring	1
90	Pin	1

91	Outer ring	1
92	Circlip for shaft φ16	1
93	Reciprocating frame	1
94	Sealing strip	1
95	O ring φ5*1.5	1
96	Circlip for shaft φ14	1

Parts Diagram



Maintenance and Service

Before any work on the machine itself, pull the mains plug.

If the machine should fail despite the care taken in manufacturing and testing procedures, repair should be carried out by an approve service centre.

- Regularly check to see if any dust or foreign matter has entered the grills near the motor and around the trigger switch. Use a soft brush to remove any accumulated dust. Wear safety glasses to protect your eyes whilst cleaning.

- Re-lubricate all moving parts at regular intervals.

- If the body of the sander needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but nothing like alcohol, petrol or other abrasive cleaning agents. Never use caustic agents to clean plastic parts.

CAUTION! Water must never come in to contact with the reciprocating saw.

Materials You Can Cut

The reciprocating saw is a versatile tool that allows you to cut many different types of material, some of which are

- Wood products, like lumber, hardwoods, plywoods, and composite boards.
- Drywall
- Fibre boards and plastics
- Metals, like pipes, steel rods, sheet steel, aluminium, brass and copper.

Please note these require different blades for each operation.

Lumberjack Guarantee

1. Guarantee

1.1 Lumberjack guarantees that for a period of 12 months from the date of purchase the components of qualifying products (see clauses 1.2.1 to 1.2.8) will be free from defects caused by faulty construction or manufacture.

1.2. During this period, Lumberjack, will repair or replace free of charge any parts which are proved to be faulty in accordance with paragraph 1.1 providing that:

1.2.1 You follow the claims procedure set out in clause 2

1.2.2 Lumberjack and its Authorised Dealers are given reasonable opportunity after receiving notice of the claim to examine the product

1.2.3 If asked to do so by Lumberjack or its Authorised Dealer, you return the product at your own cost to Lumberjack's or supplying Authorised Dealer's premises, for the examination to take place clearly stating the Returns Material Authorisation number given.

1.2.4 The fault in question is not caused by industrial use, accidental damage, fair wear and tear, wilful damage, neglect, incorrect electrical connection, misuse, alteration or repair of the product without approval.

1.2.5 The product has been used in a domestic environment only.

1.2.6 The fault does not relate to consumable items such as blades, bearings, drive belts or other wearing parts which can reasonably be expected to wear at different rates depending on usage.

1.2.7 The product has not been used for hire purposes.

1.2.8 The product has been purchased by you, as the guarantee is not transferable from a private sale.

2. Claims Procedure

2.1 In the first instance please contact the Authorised Dealer who supplied the product to you. In our experience many initial

problems with machines that are thought to be faulty due to faulty parts are actually solved by correct setting up or adjustment of the machine. A good Authorised Dealer should be able to resolve the majority of these issues much more quickly than processing a claim under the guarantee. If a return is requested by the Authorised Dealer or Lumberjack, you will be provided with a Returns Material Authorisation number which must be clearly stated on the returned package, and any accompanying correspondence. Failure to provide a Returns Material Authorisation number may result in item being refused delivery.

2.2 Any issues with the product resulting in a potential claim under the guarantee must be reported to the Authorised Dealer from which it was purchased within 48 hours of receipt.

2.3 If the Authorised Dealer who supplied the product to you has been unable to satisfy your query, any claims made under this Guarantee should be made directly to Lumberjack. The claim itself should be made in a letter setting out the date and place of purchase, giving a brief explanation of the problem which has led to the claim. This letter should be then sent with proof of purchase to Lumberjack. If you include a contact number with this it will speed up your claim.

2.4 Please note that it is essential that the letter of claim reaches Lumberjack on the last day of this Guarantee at the latest. Late claims will not be considered.

3. Limitation of Liability

3.1 We only supply products for domestic and private use. You agree not to use the product for any commercial, business or resale purposes and we have no liability to you for any loss of profit, loss of business, business interruption or loss of business opportunity.

3.2 This Guarantee does not confer any rights other than these expressly set out above and does not cover any claims for consequential loss or damage. This Guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

DECLARATION OF CONFORMITY

We Importer:

TOOLSAVE LTD
Unit C, Manders Ind. Est.,
Old Heath Road, Wolverhampton,
WV1 2RP.

Declare that the product:

Designation: Reciprocating Saw
Model: RSS150

Complies with the following Directives:

Electromagnetic Compatibility Directive - **2004/108/EC**
Machine Directive - **2006/42/EC**
Restrictions of the use of Hazardous Substances in Electrical Equipment - **2011-65/EU**
Waste Electrical and Electronic Equipment - **2012/19/EU**

Standards & technical specifications referred to:

EN 55014-1:2017
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

Authorized Technical File Holder: Bill Evans

21/06/2023

The Director