

Magnetic drilling machine Model Number ELP50/1

This machine (Serial Number) is CSA approved.



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Part	Description	Quantity
RDF4030	4mm Hexagonal Wrench	2
RDF4031	Coolant Bottle	1
RDF4032	Ratchet Handle	1
RD4329B	Safety Strap	1
RDF4033	Safety Goggles	1
RDF3005	Carbon Brush Set	1

1) INTENDED USE

The intended use of this magnetic drill is to drill holes in ferrous metals. The magnet is used to hold the drill in place whilst the drill is functioning. It is designed for use in fabrication, construction, railways, petrochemical and any other applications when drilling ferrous metal.

Any deviation from its intended use will not be covered by warranty.

2) GENERAL SAFETY RULES

WARNING! Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS.

Work area

- 1. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
- 2.Do not operate power tools 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.
- 3. Keep bystanders, children and visitors away while operating a power tool. Distractions can cause you to lose control

Electrical safety

- 1.Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adaptor plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. If the tools should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.
- 2. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
- 3. Don't expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 4. Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- 5. When operating a power tool outside, use an outdoor extension cord marked" W-A" or" W". These cords are rated for outdoor use and reduce the risk of electric shock.

Personal safety

- 1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- 2. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- 3. **Avoid accidental starting. Be sure switch is off before plugging in.** Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
- 4. **Remove adjusting keys or switches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- 5. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enable better control of the tool in unexpected situations.
- 6. **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hardhat, or hearing protection must be used for appropriate conditions.

Tool use and care

1. Use clamps or other practical way to secure and support the workpiece to a stable platform. Holding the work by

hand or against your body is unstable and may lead to loss of control.

- 2.**Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- 3.**Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- 4. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- 5. Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
- 6. Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
- 7. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tools operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- 8. Use only accessories that are recommended by the manufacturer or your model. Accessories that may be suitable for one tool, may become hazardous when used on another tool.

Service

- 1.**Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
- 2. When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

WARNING!

Always use safety chain. Mounting can release.

3) INFORMATION PLATE SYMBOLS



- 1. Refer to the user manual for operational and safety issues with regard to this machine.
- 2. Dispose of the machine and electrical components correctly.
- **3.** Eye protection must be worn when operating the machine.
- **4.** Ear defenders must be worn when operating the machine.

4)SPECIFICATION

Maximum hole cutting capacity in .2/.3C steel = 2" dia. x 2" deep

Arbor bore = 3/4" dia.

Alboi boile - 5/4 luia.	
Motor Unit	
Voltages	120V 50-60Hz
Normal full load	10 A
Electro Magnet	0.53A
Size	7 -9/16" long
	3-1/4" wide
Holding Force at 20°C with 1"	2250 lbs
minimum plate thickness	
The use on any material less than 1" thick will progressively	
reduce the magnetic performance. If possible, substitute	
material should be positioned under the magnet and work	
piece to equate to a suitable material thickness. If this is not	
possible, an alternative secure method of restraining the	
machine MUST be used.	
Overall Dimensions	
Height - minimum	7"
Width (including Capstan fitting)	3 – 15/16"
Length Overall (including Guard)	13"
Nett Weight	24 lbs
Part No.	ELP50/1
Vibration total values (triax vector sum) in accordance with	Vibration emission value
EN62841-1:	a W= 5,782 m/s2
	Uncertainty(K):1.5m/s²
Level of sound pressure in accordance with EN62841-1:	LpA: 85 dB(A)
	LwA: 98 dB(A) uncertainty(K): 3dB(A)

Ear and eye defenders must be worn when operating this machine. Wear gloves to protect hands when operating the machine.

These tools are UK designed and manufactured with globally sourced components and conform to the requirements of EEC Document HD.400.1 and BS.2769/84

Suitable only for a single phase 50-60Hz A.C. power supply

DO NOT USE ON D.C. SUPPLY

Do not use your magnetic drill on the same structure when arc welding is in progress.

D.C. current will earth back through the magnet and cause irreparable damage.

WARNING: THIS APPLIANCE MUST BE EARTHED!

NB: ANY MODIFICATIONS TO THIS MACHINE WILL INVALIDATE THE GUARANTEE

5) OPERATIONAL SAFETY PROCEDURES



READ BEFORE USING THE MACHINE

- When using electrical tools, basic safety precautions should always be followed to reduce the risk of electric shock, fire, and personal
 injury.
- Ensure the magnet is OFF before plugging in the machine.
- Do NOT use in wet or damp conditions. Failure to do so may result in personal injury.
- Do NOT use in the presence of flammable liquids, gases or in high risk environments. Failure to do so may result in personal injury.
- BEFORE activating the machine, inspect all electrical supply cables (including extension leads), and replace if damaged. DO NOT use if there are any signs of damage.
- Only use extension cables approved for site conditions.
- BEFORE activating the machine, ALWAYS check the correct function of all operational systems, switches, magnet etc.
- BEFORE operating, the machine MUST be securely restrained to a fixed independent feature (by using safety strap RD4329B, or other
 means) to reduce the potential free movement, should the magnet become detached from the work piece. Failure to do so may result in
 personal injury.
- ALWAYS wear approved eye protectors, ear defenders and recommended PPE at ALL times when operating the machine.
- Disconnect from power source when changing cutters or working on the machine.
- Cutters and swarf are sharp, ALWAYS ensure that hands are adequately protected when changing cutters or removing swarf. Use a tool or brush where necessary to remove any swarf or the cutter from the arbor.
- Before operating the machine, ALWAYS ensure cutter-retaining screws are secured tightly.
- Regularly clear the work area and machine of swarf and dirt, paying particular attention to the underside of the magnet base.
- ALWAYS remove tie, rings, watches and any loose adornments that might entangle with the rotating machinery before operating.
- ALWAYS ensure that long hair is securely enclosed by an approved restraint before operating the machine.
- Should the cutter become stuck in the work piece, stop the motor immediately to prevent personal injury. Disconnect from power source
 and turn arbor to and from. DO NOT ATTEMPT TO FREE THE CUTTER BY SWITCHING THE MOTOR ON AND OFF. Wear safety gloves to
 remove the cutter from the arbor.
- If the machine is accidentally dropped, ALWAYS thoroughly examine the machine for signs of damage and check that it functions correctly BEFORE resuming drilling.
- Regularly inspect the machine and check for any damaged or loose parts.
- ALWAYS ensure when using the machine in an inverted position that only the minimum amount of coolant is used, and that care is taken
 to ensure that coolant does not enter the motor unit.
- Cutting tools may shatter, ALWAYS position the guard over the cutter before activating the machine. Failure to do so may result in personal injury.
- On completion of the cut, a slug will be ejected. DO NOT operate the machine as the ejected slug may cause injury.
- When not in use ALWAYS store the machine in a safe and secure location.
- ALWAYS ensure that approved UNIBOR™ agents conduct repairs.

6) OPERATING INSTRUCTIONS



- Keep the inside of the cutter clear of swarf. It restricts the operating depth of the cutter.
- Ensure that the coolant bottle contains sufficient cutting oil to complete the required operating duration. Refill as required.
- Occasionally depress the pilot to ensure cutting fluid is being correctly metered.
- To start the machine, follow the control panel operation instructions.
- ALWAYS switch off the motor by depressing the MOTOR stop button. DO NOT switch off the motor by depressing the MAGNET switch.
- Apply light pressure when commencing the cut of a hole until the cutter is introduced into the work surface. Pressure can then be increased sufficiently to load the motor. Excessive pressure is undesirable, it does not increase the speed of penetration and will cause the safety overload protection device to stop the motor, (the motor can be restarted by operating the motor start button), and may cause excessive heat which may result in inconsistent slug ejection
- Always ensure that the slug has been ejected from the previous hole before commencing to cut the next.
- If the slug sticks in the cutter, move the machine to a flat surface, switch on the magnet and gently bring the cutter down to make contact with the surface. This will usually straighten a cocked slug and allow it to eject normally.
- Apply a small amount of light oil lubricant regularly to the slide and arbor support bearing.
- Cutter breakage is usually caused by insecure anchorage, a loosely fitting slide or a worn bearing in the arbor support. (Refer to routine maintenance instructions).
- Only use approved cutting fluid.

7) EXTENSION CABLE SELECTION

The machines are factory fitted with a 6ft length of cable having three conductors 5/64"2

LIVE, NEUTRAL and EARTH. If it becomes necessary to fit an extension cable from the power source, care must be taken in using a cable of adequate capacity. Failure to do so will result in a loss of traction by the magnet and a reduction of power from the motor.

If the replacement of the supply cord is necessary, this has to be done by the manufacturer or an approved agent in order to avoid a safety hazard.

Assuming a normal AC supply of the correct voltage, it is recommended that the following extension lengths shall not be exceeded:

For 120v supply: 11.5ft of 3 core x 5/64"2(14AWG)

ALWAYS DISCONNECT THE MACHINE FROM THE POWER SOURCE BEFORE CHANGING CUTTERS.

8) MOUNTING OF CUTTERS

The machine has been made to accept cutters having 3/4"dia. Weldon shanks.

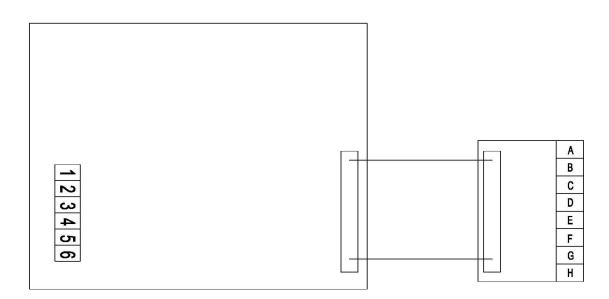
The following procedure is to be used when mounting cutters:

- Lay the machine on its side with feed handles uppermost, ensuring arbor is wound down to its lowest point to enable access to socket screws.
- Take appropriate pilot and place through the hole in cutter shank. Insert shank of cutter into bore of arbor, ensuring alignment of two drive flats with socket screws.
- Tighten both screws using hexagon key.

9) REMEDIES FOR HOLE MAKING PROBLEMS

Problem	Cause	Remedy
1) Magnetic base won't hold	Material being cut may be too thin for efficient holding.	Attach an additional piece of metal under the magnet, or mechanically clamp magnetic base to
effectively	Swarf or dirt under magnet.	work-piece.
	Irregularity on magnet contact or work-piece.	Clean magnet.
	Insufficient current going to magnet during drilling	Use extreme care; file any imperfections flush to surface.
	cycles.	Confirm power supply and output from control unit,
2) Cutter skips	Magnetic base is not holding effectively.	check supply cable. See causes and remedies above.
out of centre- punch mark at	Worn arbor bushing and/or ejector collar.	New arbor bushing is needed.
initiation of cut		-
	Too much feed pressure at start of cut.	Light pressure only is needed until a groove is cut. The groove then serves as a stabilizer.
	Cutter is dull, worn, chipped or incorrectly sharpened.	Replace or re-sharpen. Sharpening service is available.
	Poor centre-punch mark; weak pilot spring; pilot not centred in centre-punch mark.	Improve centre-punch and/or replace worn parts
	Worn or bent pilot, worn pilot hole.	Replace part or parts
3) Excessive	Incorrectly re-sharpened, worn or chipped cutter.	Re-sharpen or replace.
drilling pressure required	Coming down on swarf lying on surface of workpiece.	Take care not to start a cut on swarf.
	Swarf accumulated (packed) inside cutter.	Clear cutter.
4) Excessive cutter breakage	Steel swarf or dirt under cutter.	Remove cutter, clean part thoroughly and replace.
J	Incorrectly re-sharpened or worn cutter.	Always have a new cutter on hand to refer to for correct tooth geometry, together with instruction sheet.
	Cutter skipping.	Silver.
		See causes and remedies (2).
	Cutter not attached tightly to arbor.	Retighten.
	Insufficient use of cutting oil or unsuitable type of oil.	Inject oil of light viscosity into the coolant-inducing ring and check that oil is being metered into cutter when pilot is depressed. If not, check pilot groove and arbor internally for dirt or apply oil externally. (Even a small amount of oil is very effective).
	Incorrect speed	Ensure correct speed is use for the cutter.
5) Excessive	See cause and remedy above	
cutter wear	Incorrectly re-sharpened cutter.	Refer to instructions and a new cutter for proper tooth geometry.
	Insufficient or spasmodic cutting pressure.	Use sufficient steady pressure to slow the drill down. This will result in optimum cutting speed and chip load.

10) WIRING DIAGRAM

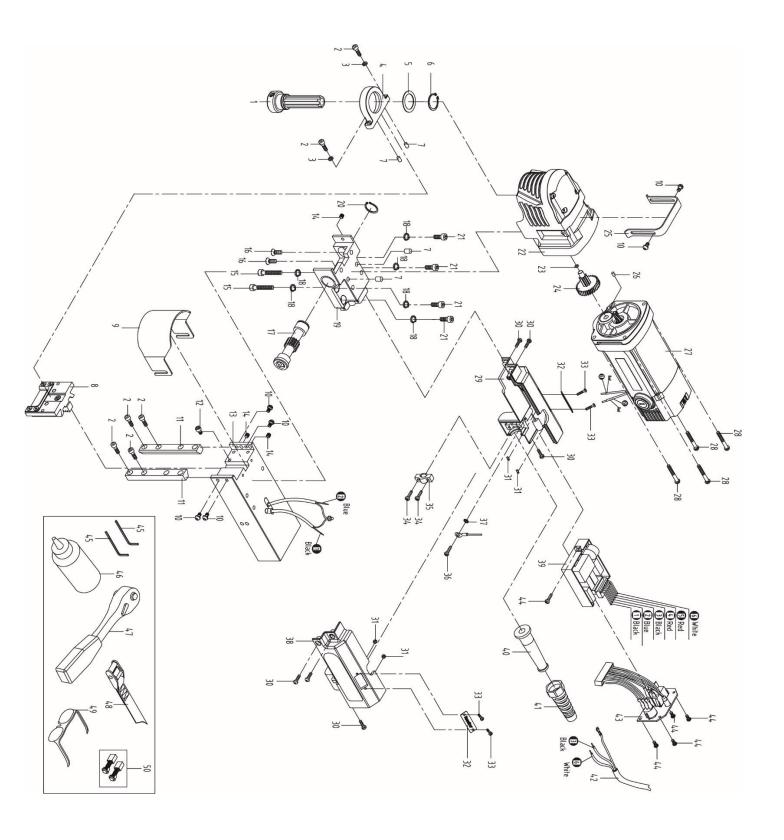


Control board Display board

No	Function	Wire Colour
1	Magnet Negative Output	Black
2	Magnet Positive Output	Red
3	Mains Neutral Input	White
4	Motor Neutral Output	Red
5 Motor Live Output Red		Red
6	Mains Live Input	Black

No	Function	Wire Colour
Α	Magnet Switch +12V	White
В	Magnet LED +12V	White
С	Magnet Switch And LED 0V	White
D	Motor Switch 0V	White
E	Motor Switch +5V	White
F	Current 'ON' LED 0V	White+ Red
G	Current 'ON' LED 0V	White+ Green
Н	Current 'ON' LED +5 V	White Brown

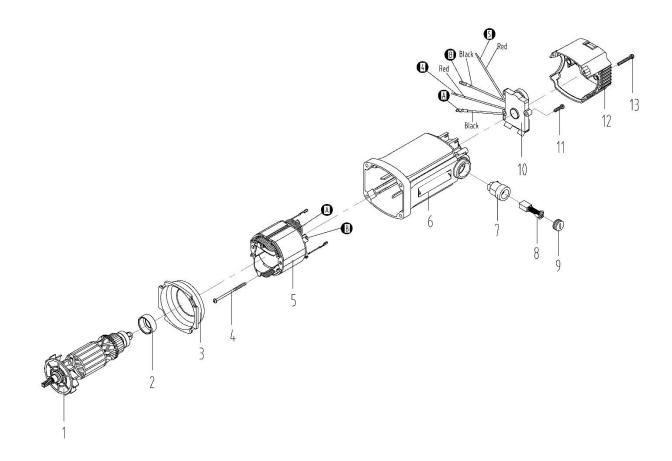
11) EXPLODED VIEW OF MACHINE



Item#	Unibor P/N	Description	Qty/pcs
1	RDF2000	Spindle assembly	1
2	RDF4000	Screw	6
3	RDF4001	Circlip	2
4	RDF3000	Bearing bracket	1
5	RDF4002	Gear Shaft Washer	1
6	RDF4003	Circlip	1
7	RDF4004	Straight Pin	4
8	RDF2001	Slide assembly	1
9	RDF3020	Guard	1
10	RDF4005	Screw	6
11	RDF3002	Guide Bar	2
12	RDF4006	Screw	1
13	RDF2002/1	Magnet assembly 120v	1
14	RDF4007	Screw	3
15	RDF4008	Screw	2
16	RDF4009	Screw	2
17	RDF3003	Capstan spindle	1
18	RDF4010	Circlip	6
19	RDF2029	Connected base assembly	1
20	RDF4011	Circlip	1
21	RDF4012	Screw	4
22	RDF2030	Gear Box assembly	1
23	RDF4013	Gear Shaft Washer	1
24	RDF2005	Shaft gear assembly	1
25	RDF3004	Handle	1
26	RDF4014	Straight Pin	1
27	RDF2025/1	Motor assembly 120v	1
28	RDF4015	Screw	4
29	RDF2026	Right cover shell subassembly	1
30	RDF4016	Screw	6
31	RDF4017	Nut	4

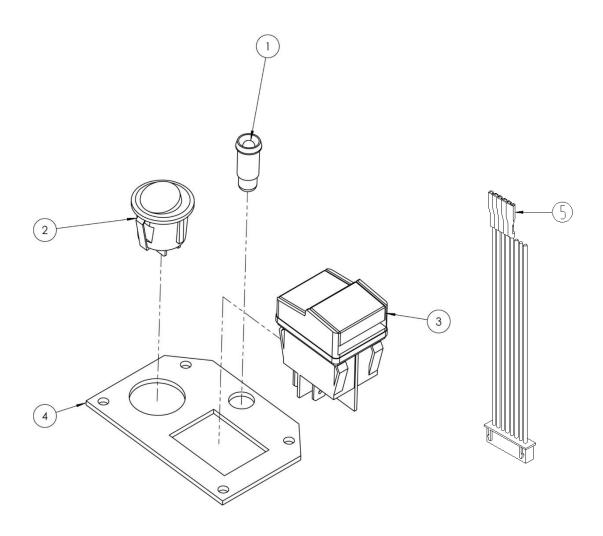
32	RDF3024	Indicator cover	2
33	RDF4019	Screw	4
34	RDF4020	Screw	2
35	RDF4023	Cable Clamp	1
36	RDF4024	Screw	1
37	RDF4025	outer sawtooth washer	1
38	RDF2027	Left cover shell subassembly 120v	1
39	RDF2016/2	PCB panel subassembly 120v	1
40	RDF4027	Cable jacket	1
41	RDF4028	Jacket	1
42	RDF2024	Cable Plug Assembly 120v	1
43	RDF2028	Panel subassembly	1
44	RDF4029	Screw	5
45	RDF4030	Hexagon spanner	2
46	RDF4031	Coolant bottle	1
47	RDF4032	Rachet handle	1
48	RD4329	Safety rope	1
49	RDA3105	Goggles	1
50	RDF3005/1	Spare Brush 120v	1

12) MOTOR BREAKDOWN



No.	Part	Description	Qty
1	RDF2021/1	Armature Assembly 120v	1
2	RDF3014	Bearing Sleeve	1
3	RDF3009	Field Coil Baffle	1
4	RDF4038	Field Coil Screws	2
5	RDF2019/1	Field Coil Assembly 120v	1
6	RDF3021	Motor Frame	1
7	RDF3011	Brush Holder	2
8	RDF3005/1	Carbon Brush Set 120v	1
9	RDF3012	Brush Caps	2
10	RDF2020/1	Speed Controller Assembly 120v	1
11	RDF4040	Speed Controller Screws	2
12	RDF3022	End Cap	1
13	RDF4039	End Cap Screws	2

13)CONTROL PANEL AND PARTS LIST

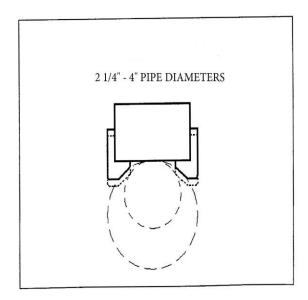


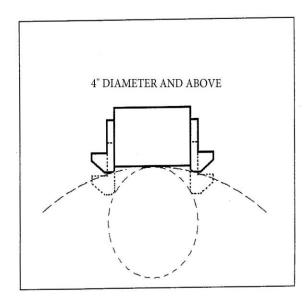
1	RDC4092	Red/Green LED	1
2	RDF4036	Magnet Switch	1
3	RDF4037	Motor Switch	1
4	RD33264	Facia Plate	1
5	RDF3017	Connection Line	1

14)PIPE ADAPTOR KIT RD2311

FITTING INSTRUCTIONS

- Dependent upon the size of the pipe to be cut (see illustrations) attach adjustable angle plates RD3328 with cap screws RD4325 and washers RD4205 (4 off each) to the magnet sides. Do not tighten.
- Locate the machine on the centreline of the pipe taking care that the magnet is in line with the longitudinal axis of the pipe.
- Switch on the magnet and move the sliding plates down to the outside diameter of the pipe. Tighten the screws on both sides by hand then check once again that the full length of the moving plates is touching the pipe at the front and back, fasten the plate securely. Feed the safety strap through the lugs at the front of the housing, around the pipe and pull tight.
- When cutting theholeDO NOT use excessive pressure but rather let the cutter ease into the cutting surface.





15) MAINTENANCE

In order to 'get the best life' out of your Unibor machine always keep it in good working order. A number of items must always be checked on Unibor machines.

Always before starting any job make sure the machine is in good working order and that there are no damaged or loose parts. Any loose parts must be tightened.

Before proceeding with any maintenance work be certain that the power supply is disconnected.

Description	Every operation	1 week	1 Month
Visual check of			
machine for damage	X		
Operation of machine			
	X		
Check brush wear		Х	
Check magnetic base	Х		
Check grease			Х
Check armature			Х

Visually check the machine for damage.

The machine must be checked before operation for any signs of damage that will affect the operation of the machine. Particular notice must be taken to the mains cable, if the machine appears to be damaged it should not be used, failure to do so may cause injury or death.

Check operation of the machine.

The machines operation must be checked to ensure that all components are working correctly.

Machine Brushes - should be checked to make sure there is no abnormal wear present (this should be checked at least once a week if used frequently). If the brush has worn more than 2/3 the original length the brushes should be changed. Failure to do so may cause damage to the machine.

Magnetic base – before every operation the magnetic base should be checked to make sure that the base is flat and there is no damage present. An uneven magnet base will cause the magnet not to hold as efficiently and may cause injury to the operator.

Check machines grease.

The gearbox grease should be checked once a month to ensure all moving components are covered to prevent wear. The grease should be changed at least once a year to ensure you gain the best from your machine.

Check Armature of the machine.

This should be checked at least once a month to check that there are no visual signs of damage to the body or to the commutator. Some signs of wear will be seen on the commutator over a period of time, but this is normal (this is the part that comes into contact with the brushes) however, if there are any signs of abnormal damage the part should be replaced.

16) TROUBLE SHOOTING

Magnet and motor do not function	- The magnet switch is not connected to the power supply
_	- Damaged or defective wiring
	- Defective magnet switch
	- Defective control unit
	- Defective power supply
Magnet does function, the motor does not	- Damaged or defective wiring
, , , , , , , , , , , , , , , , , , ,	- Carbon brushes are stuck or worn out
	- Defective magnet switch
	- Defective on / off switch
	- Defective control unit
	- Defective armature and/or field
Magnet does not function, the motor does	- Defective magnet
.	- Defective control unit
Hole cutters break quickly, holes are bigger	- Play in the guide
than the hole cutter	- Bent spindle
	- Shaft extending from the motor is bent
	- Pilot bent
Motor running roughly and/or seizing up	- Bent spindle
motor ramming roughly amayor ocieming up	- Shaft extending from the motor is bent
	- Triangular guide not mounted straight
Motor making a rattling sound	- Gear ring (bottom of the armature) worn out
Wotor making a ratting sound	- Gear(s) worn out
	- No grease in gear box
Motor humming, big sparks and motor has no	- Armature damaged
force	- Field burned
10100	- Carbon brushes worn out
Motor does not start or fails.	- Damaged or defective wiring
	- Damage to armature or field coil
	- Damaged or defective brushes
Insufficient magnetic force	- Damaged or defective wiring
	- Bottom of magnet not clean and dry
	- Bottom of magnet not flat
	- Work piece is not bare metal
	- Work piece is not flat
	- Work piece is too thin less than 3/8"
	- Defective control unit
	- Defective magnet
Frame under voltage	- Damaged / defective wiring
ŭ	- Defective magnet
	- Motor seriously dirty
Fuse blows when magnet switch is turned on	- Damaged or defective wiring
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	- Wrong value fuse
	- Defective magnet switch
	- Defective control unit
	- Defective magnet
Fuse blows when motor is started up	- Damaged or defective wiring
	- Motor running roughly
	- Defective armature and / or field
	- Carbon brushes worn out
	- Defective control unit
Rotation system free stroke too long	- Loose or defective gear-rack
ojotem ned stroke too long	- Defective rotation system
	Zerestre retailer system

17) CUTTER SELECTION

Material	Material Hardness	Cutter
Mild and free cutting steels	<700N/mm²	M2
Mild and free cutting steels	<850N/mm²	M42
Steel angle and joists	<700N/mm²	M2
Steel angle and joists	<850N/mm²	M42
Plate and sheet steel	<700N/mm²	M2
Plate and sheet steel	<850N/mm²	M42
Aluminium	<750Nmm²	M2
Aluminium	<850N/mm²	M42
Brass	<700N/mm²	M2
Brass	<850N/mm²	M42
Cast iron	<700N/mm²	M2
Cast iron	<850N/mm²	M42
Stainless steel	<700N/mm²	M2
Stainless steel	<850N/mm²	M42
Stainless steel	>850N/mm²	TCT
Rail track	>850N/mm²	M42
Tool steel	>850N/mm²	TCT
Die Steel	>850N/mm²	TCT

18) Warranty

Unibor™ warrants its machines to be free from faulty parts, under normal usage of machines, for a period of 12 months from initial date of purchase. All other parts (excluding cutters) are under warranty for 90 days, provided that the warranty registration card (or online registration) has been completed and returned to Unibor™ or its designated distributor within a period of (30) days from the purchase date. Failure to do so will void the warranty. If the stated is adhered to, Unibor™ will repair or replace (at its option) without charge any faulty items returned.

This Warranty does not cover:

- Components that are subject to natural wear and tear caused by the uses not in accordance with the
 operator's instructions
- 2. Defects in the tool caused by non-compliance with the operating instructions, improper use, abnormal environment conditions, inappropriate operating conditions overload or insufficient servicing or maintenance.
- 3. Defects caused by using accessories, components or spare parts other than original Unibor™ parts.
- 4. Tools to which changes or additions have been made.
- 5. Electrical components are subject to manufacturer's warranty.

Your online registration can be submitted atwww.Unibor.co.uk

The warranty claim must be logged within the warranty period. This requires the submission or sending of the **complete** tool in question with the original sales receipt which must indicate the purchase date of the product. A complaint form must also be submitted prior to the return.

This can be found online at www.Unibor.co.uk. Failure to complete this form will result in the delay of your claim.

All goods returned defective must be returned pre-paid to Unibor™, in no event shall Unibor™ be liable for subsequent direct, or indirect loss or damage.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, (EXPRESSED OR IMPLIED) INCLUDING ANY WARRANTY OF MERCHANTABLITY OR FITNESS FOR A PARTICULAR PURPOSE. UNIBOR™ RESERVE THE RIGHT TO MAKE IMPROVEMENTS AND MODIFICATIONS TO DESIGN WITHOUT PRIOR NOTICE

Known and Trusted Worldwide for Quality, Performance and Reliability