

Code **200024**



SIEG G1

Powered Hacksaw



AT&M: 30/01/2015

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Warning

The symbols below advise that you follow the correct safety procedures when using this machine.



Fully read manual
and safety instructions
before use



Ear protection
should be worn



Eye protection
should be worn



Dust mask
should be worn



HAZARD
Motor gets hot

Copied from CE Certificate

The undersigned, Ole Stilling authorised
by Shanghai SIEG Machinery Co., Ltd
No. 555 Caofeng Rd, South to No.17 Bridge of Caoan Rd, Shanghai, P.R China

declares that this product:

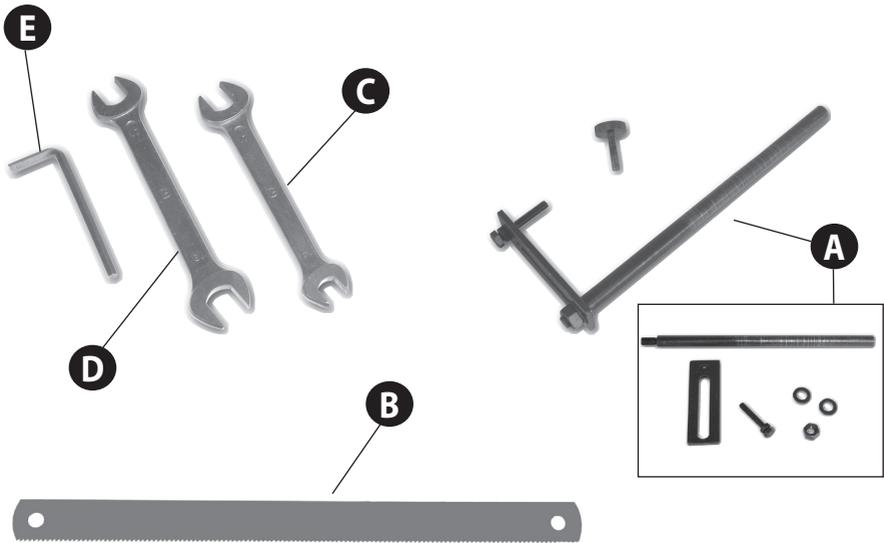
Bench Cutter G1

manufactured by Shanghai SIEG Machinery Co. is in compliance with the following
standards or standardisation documents in accordance with Council Directives

73/23/EEC 93/68/EEC 98/37/EC

What's in the Box

Quantity	Item	Part	Model Number
			Bench Grinder G1
1 No.	Powered Hacksaw		
1 No.	Material Length Stop Kit	A	
1 No.	Saw Blade	B	
	Tool set Comprising of:		
1 No.	14-17mm Open Ended Spanner	C	
1 No.	17-19mm Open Ended Spanner	D	
1 No.	6mm Allen Key	E	
1 No	Instruction Manual		



Good Working Practices/Safety

The following suggestions will enable you to observe good working practices, keep yourself and fellow workers safe and maintain your tools and equipment in good working order.



WARNING! KEEP TOOLS AND EQUIPMENT OUT OF THE REACH OF YOUNG CHILDREN

Mains Powered Tools and Machines

Primary Precautions

These machines are supplied with a moulded 13 amp. Plug and 3 core power cable. Before using the machine inspect the cable and the plug to make sure that neither are damaged. If any damage is visible have the damaged item inspected/repaired by a suitably qualified person. If it is necessary to replace the plug, it is preferable to use an 'unbreakable' type that will most resist damage.

Only use a 13 amp plug, and make sure the cable clamp is tightened securely. Fuse as required. If extension leads are to be used, carry out the same safety checks on them, and ensure that they are correctly rated to safely supply the current that is required for your machine. Remember, most machines or tools have handles or holding positions, the power cable is not one of them!

Work Place/ Environment

The machine is not designed for use outside. Keep the machine clean; it will enable you to more easily see any damage that may have occurred. Clean the machine with a damp soapy cloth if needs be, do not use any solvents or cleaners, as these may cause damage to any plastic parts or to the electrical components.

Keep the work area as uncluttered as is practical, this includes personnel as well as material.

Under no circumstances should CHILDREN be allowed in work areas.

It is good practice to leave the machine unplugged until work is about to commence, also make sure to unplug the machine when it is not in use, or unattended. To avoid inadvertent 'start up'; if your machine is not fitted with a NVR system, ensure the switch is always returned to the OFF position. Once you are ready to commence work, remove any tools, objects or items that could inadvertently get 'sucked up' by the machine (if any) and place safely out of the way.

Re-connect the machine, ensuring the power cable is not 'snagged' or routed where it could be tripped over as you move about the workshop, it is not too close to an unguarded heat source or is laid over or around a sharp edge.

If the work you are carrying out is liable to generate flying grit, dust or chips, wear the appropriate safety clothing, goggles, gloves, masks etc. If the work operation appears to be excessively noisy, wear ear-defenders. If you wear your hair in a long style, wearing a cap, safety helmet, hairnet, even a sweatband, will minimise the possibility of your hair being caught up in the rotating parts of the machine, likewise, consideration should be given to the removal of rings and wristwatches if these are liable to be a 'snag' hazard. Consideration should also be given to non-slip footwear, etc.

General Instructions for 230V Machines

Do not work with cutting or boring tools of any description if you are tired, your attention is wandering or you are being subjected to distraction. A deep cut, a lost fingertip or worse, is not worth it!

Do not use this machine within the designated safety areas of flammable liquid stores or in areas where

there may be volatile gases. There are very expensive, very specialised machines for working in these areas, **THIS IS NOT ONE OF THEM.**

Above all, **OBSERVE....** make sure you know what is happening around you, and **USE YOUR COMMON SENSE. IT IS RECOMMENDED THAT YOU WEAR EAR PROTECTION IF YOU ARE USING THIS MACHINE.**

Specific Safety for the Powered Hacksaw

1. Make sure that the blade is sharp, undamaged and of the correct type for the material being processed.

2. Make sure that the material is clamped firmly in the vice jaws, any movement will result in a blade fracturing, possibly producing shards of blade material.

3. Make sure that the blade is correctly tensioned, a loose blade will have a shortened life and may break.

4. Make sure that long lengths of stock are adequately supported, the machine vice jaws are not designed for this purpose.

5. Check for damaged parts, any part that is damaged must be assessed to ensure that it can carry out its function properly. If it cannot, it must be replaced before the machine is used.

6. Never leave the machine running unattended. When you have finished your cutting operations, turn the power supply off. Do not leave the machine until it has come to a complete stop.

7. Be aware that the blade will become very hot during cutting, if you need to change the blade during a cutting operation, allow the blade to cool before changing it.

Initial Assembly Instructions

Please refer to the Assembly Drawing if you experience difficulties, this will enable you to more readily identify those parts of the machine to which we will be referring.

Having unpacked your Powered Hacksaw machine and all its components, please check against the 'What's in the box' list above. If any parts are missing please contact your supplier or our Customer

Services personnel straight away using the numbers listed in the Axminster catalogue.

Having unpacked the machine and checked it over, please store the packaging for a short period in case the machine needs to be returned to your supplier or ourselves for any reason.

The machine comes assembled inside its packaging.



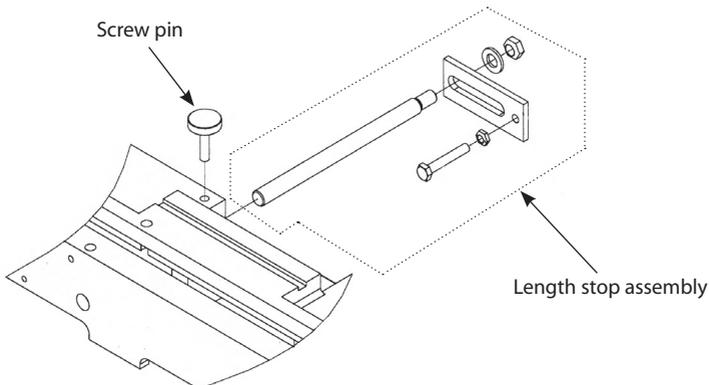
WE STRONGLY ADVISE YOU GET THE ASSISTANCE OF ANOTHER PERSON AS THE MACHINE IS HEAVY.



Keep the work area as uncluttered as is practical, this includes personnel as well as material. Under no circumstances should CHILDREN be allowed in work areas.

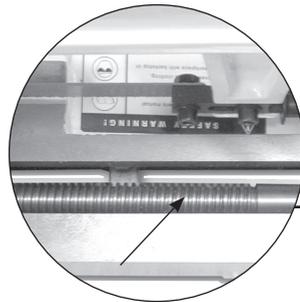
Take out the machine from the package carefully. You will need the assistance of another person for this task because of the weight of the machine (68kg).

Material Length Stop Assembly



Specifications

Code	200024
Model	SIEG G1
Rating	Trade
Power	250W
Blade Length	300 x 25 x 1.2mm
Stroke Rate	170/min
Max Capacity Round	130mm
Overall L x W x H	820 x 380 x 755mm
Weight	68kg



Vice shaft



Clamp vice handle

Illustration and Parts Description

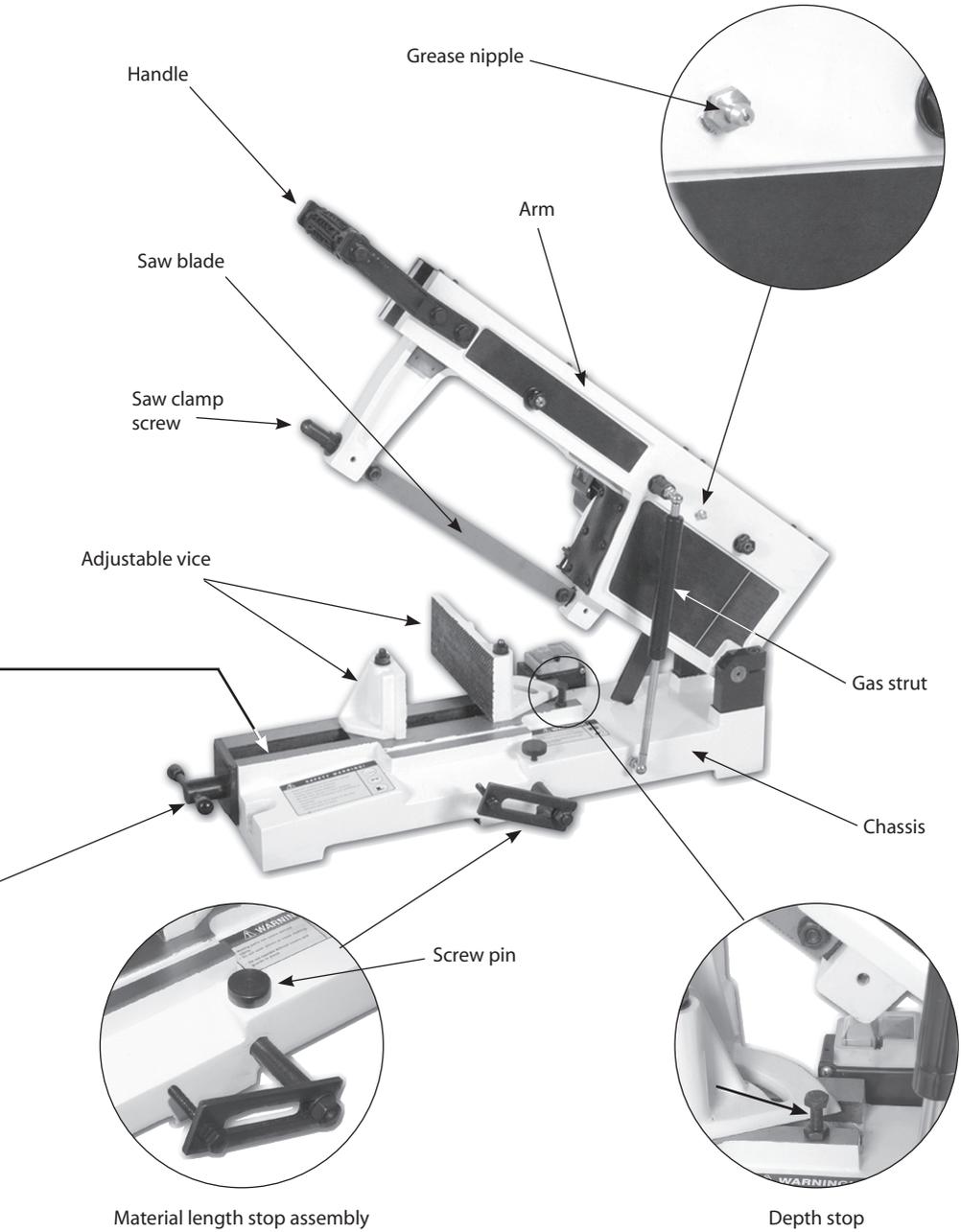
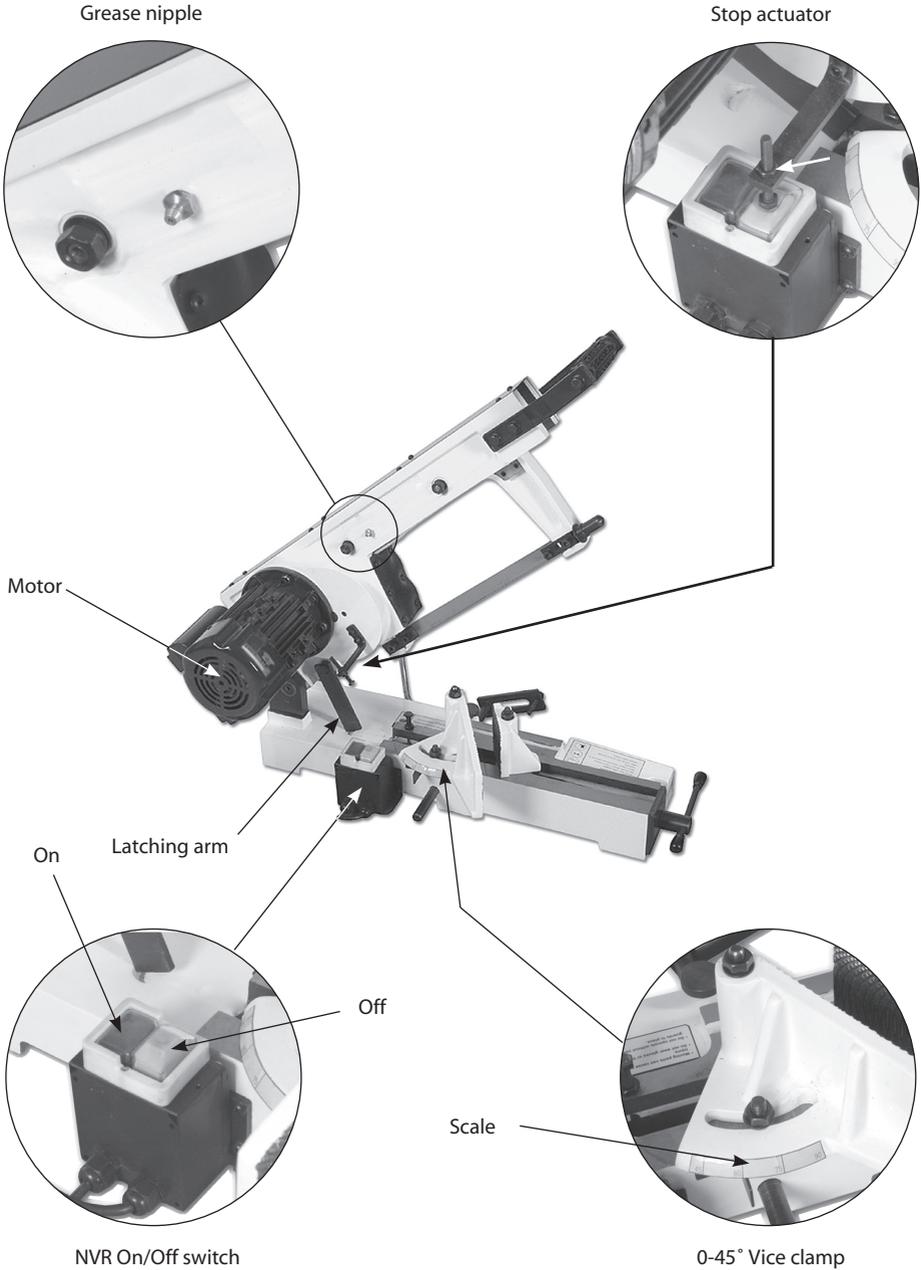


Illustration and Parts Description



Operation of the Powered Hacksaw

This is a very simple machine to operate, there are no choices of speeds or down-feed settings to select.

The arm has a supporting gas strut to take some of the weight of the arm and allow the arm to descend in a controlled fashion.

When you raise the arm, there is a latching arm that will drop into place to support the arm in the raised position. (See Fig A)

When you wish to begin cutting, lower the arm onto the material and press the ON (green) button on the switch. (See Fig C)

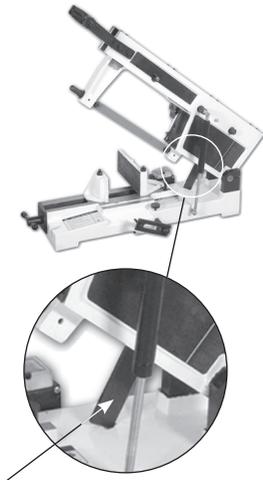
DO NOT lean on the arm to increase the cutting rate.

Use the length stop assembly to create identical lengths of materials. (See Fig B)

The machine should switch off automatically when the cut is completed, if the machine does not switch off, press the STOP (red) button manually.

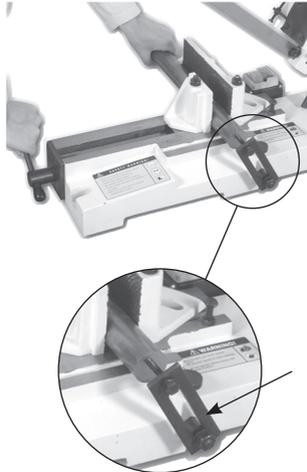
Disconnect the power supply and adjust the stop actuator mounted on the lower part of the arm so that it pushes the stop button down further.

Fig A



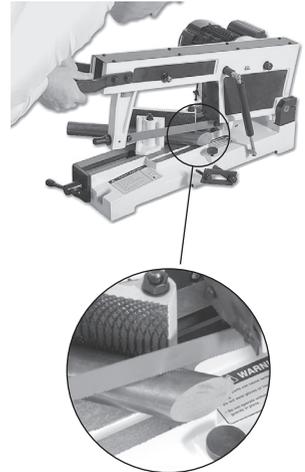
Latching arm

Fig B



Length stop assembly

Fig C



Lower the arm onto the material ready for cutting

Routine Maintenance



WARNING! DISCONNECT THE MACHINE FROM THE MAINS SUPPLY.

Excessive dust in the motor can cause excessive heat to develop. Every effort should be made to prevent foreign material from entering the motor. When operated under conditions likely to permit accumulations of dust, dirt or waste, a visual inspection should be made at frequent intervals.

Accumulations of dry dust can usually be blown out successfully.

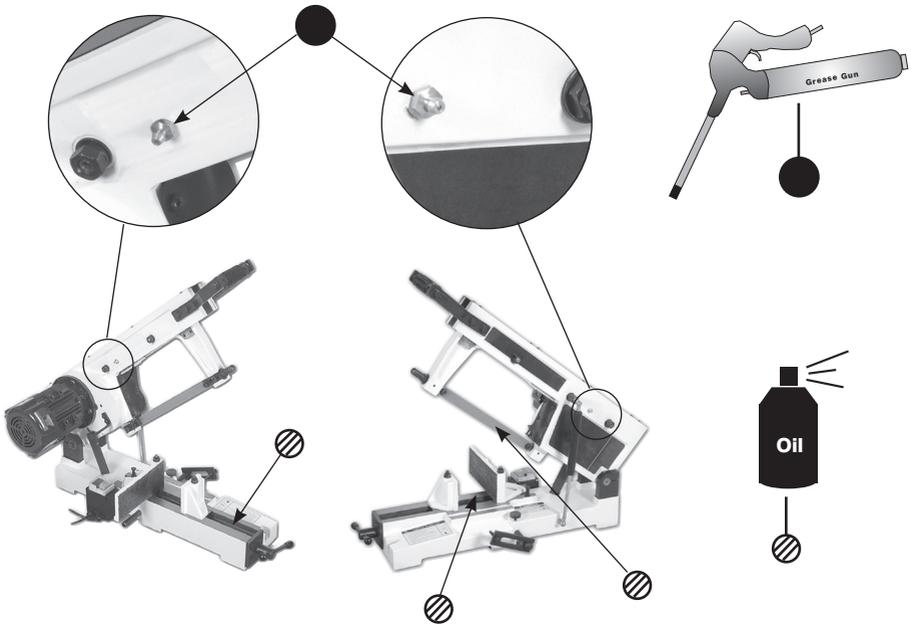


Caution: To avoid eye injury or adverse reaction to dust, high pressure hoses should not be used especially in poorly ventilated areas. The operator performing this cleaning function should wear safety goggles and dust filter mask.

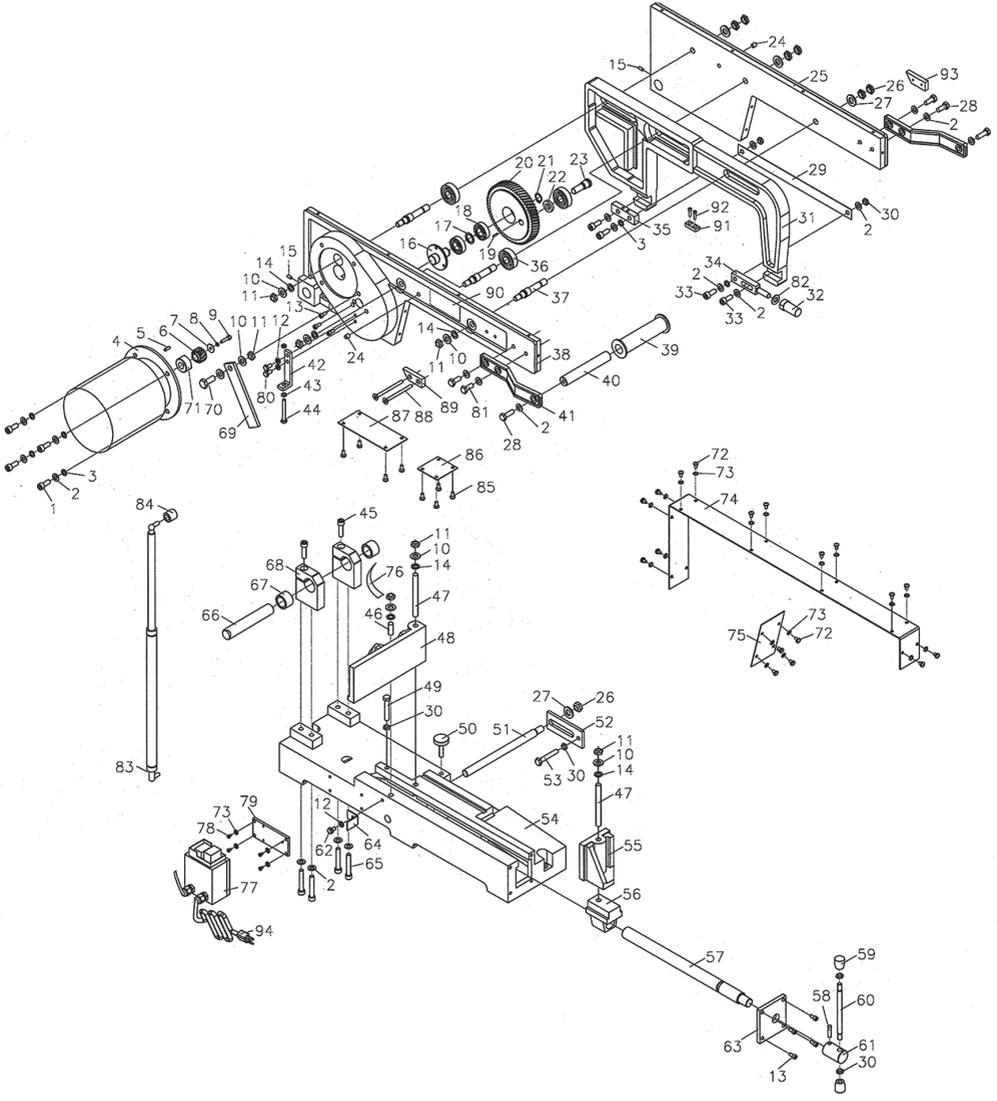
Every 2 hours of use, apply a general purpose grease to the arm slides via the grease nipples provided with a high pressure grease gun.

If the machine is going to stand idle for any length of time, a light coat of spray or machine oil over the vice, bed and other non painted parts will prevent rusting.

Do not use the machine if the power cable has become damaged. If any servicing (other than the above cleaning) becomes necessary the unit should be returned to your supplier or repaired by a qualified technician.



Parts Breakdown/List



Parts Breakdown/List

NO.	Description	Q'ty	24	Oil cup M8	2
1	Bolt M8×25	4	25	Box cover	1
2	Washer 8	20	26	Nut M12	7
3	Spring washer 8	6	27	Washer 12	4
4	Motor 180W	1	28	Bolt M8×25	2
5	Key 5×14	1	29	Saw blade 300×25×1.2	1
6	Motor gear	1	30	Nut M8	6
7	Washer	1	31	Saw	1
8	Spring washer 5	1	32	Tighten hand wheel	1
9	Screw M5×20	1	33	Screw M8×20	4
10	Washer 10	8	34	Adjust block	1
11	Nut M10	7	35	Fixed block	1
12	Washer 6	3	36	Bearing 6302A	3
13	Screw M5×12	7	37	Movement shaft	3
14	Spring washer 10	5	38	Gear box	1
15	Screw M6×20	2	39	Handle	1
16	Gear shaft	1	40	Shaft	1
17	Washer	1	41	Support	2
18	Bearing 6003	2	42	Touching beam	1
19	Screw M3×12	1	43	Nut M6	2
20	Gear	1	44	Bolt M6×50	1
21	Check ring 17	1	45	Screw M8×30	2
22	Washer	1	46	Bolt M10×25	1
23	Shaft	1	47	Bolt M10×100	2

Parts Breakdown/List

48	Fixed block	1
49	Bolt M8×35	1
50	Screw	1
51	Long staff	1
52	Board	1
53	Bolt M8×50	1
54	Machine base	1
55	Movement block	1
56	Nut	1
57	Lengthways screw	1
58	Pin 6×28	1
59	Handle sleeve	2
60	handgrip	1
61	Handle support	1
62	Bolt M6×16	1
63	Spindle support	1
64	Angle iron	1
65	Screw M8×50	4
66	Shaft	1
67	Copper sleeve	2
68	Block	2
69	Support board	1
70	Bolt M10×25	1
71	Shaft sleeve	1

72	Screw M5×8	18
73	Washer 5	22
74	Safety cover	1
75	Side cover	1
76	Label	1
77	Switch	1
78	Screw M5×10	4
79	Switch support	1
80	Screw M6×12	2
81	Bolt M8×16	4
82	Washer 10	1
83	Cushioning cylinder	1
84	Nut	1
85	Screw M5×8	8
86	Safety cover	1
87	Safety cover	1
88	Screw M4×40	2
89	Plate	1
90	Label	1
91	Fixed plate	1
92	Screw M4×6	2
93	Plate	1
94	Power line	1

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industry and education

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We will repair or replace at our discretion and will collect only from a UK
mainland address, irrespective of the original delivery address.

The Guarantee assumes that you have bought the correct machine for the
required operation, in accordance with our guidelines; have operated and
maintained it in accordance with the instruction manual; and that all cutting
machines will be used with a blade which is sharp and serviceable at all times.
It does not cover consumable items purchased with the original product,
including original blades or abrasives.

Normal wear and tear; misuse, abuse and neglect are excluded and the machine
should not have been modified in any way. Please do not attempt to service the
product without first contacting us; we are happy to guide you but failure to do
so may invalidate the guarantee.

The Guarantee is transferable from owner to owner in the first three years but
you must have original proof of purchase. Should we need to replace a machine
in the first three years the guarantee will still continue to be effective from the
original purchase date.

Full Terms and Conditions can be found at axminster.co.uk/terms
This guarantee does not affect your statutory rights.

For more information visit axminster.co.uk/3years



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling.
Help to protect the environment, take the packaging to the local recycling centre and place into
the appropriate recycling bin.

Only for EU countries



Do not dispose of electric tools together with household waste material. In observance of
European Directive 2002/96/EC on waste electrical and electronic equipment and its
implementation in accordance with national law, electric tools that have reached the end of their
life must be collected separately and returned to an environmentally compatible recycling facility.

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