

Instruction manual

△ 1100W Electric Beveler Model

△ 1800W Electric Beveler Model

△ 1100W Electric Beveler

AC Induction Motor Model

For your personal safety,
READ and UNDERSTAND before using.
SAVE THESE INSTRUCTIONS FOR
FUTURE REFERENCE.



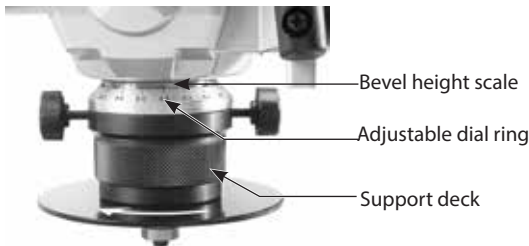
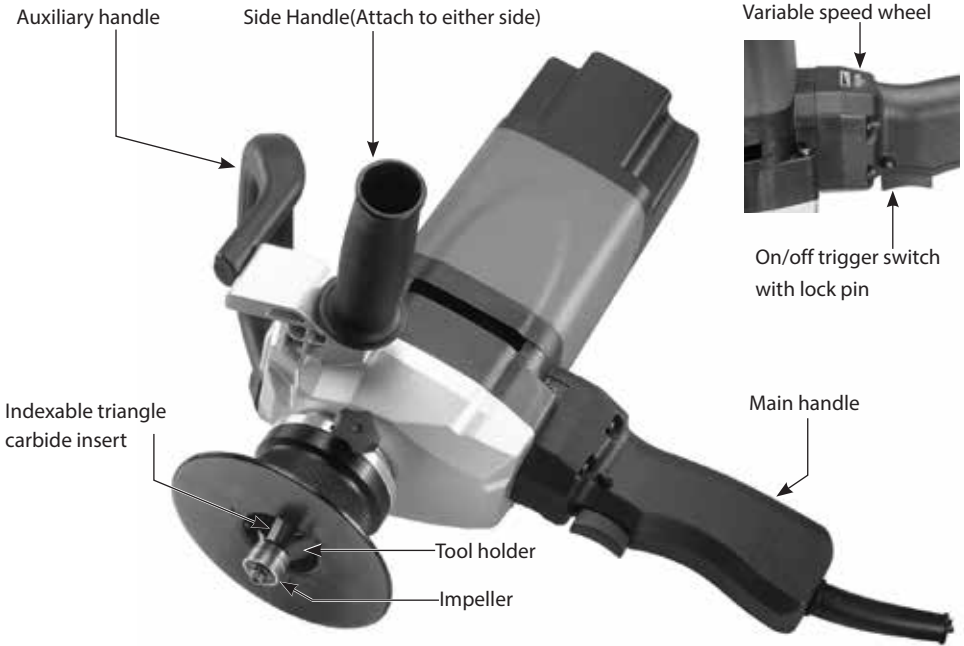
Electric Beveler

Warning:

Only tools equipped with over load protection, when motor has been cut off due to over load, always switch on machine with no load for at least 3 minutes to reduce temperature before switch on again to avoid burn out to the motor.

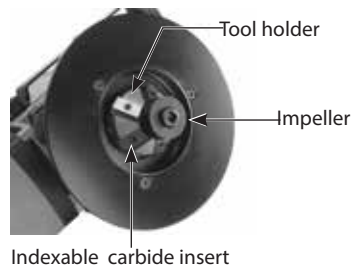
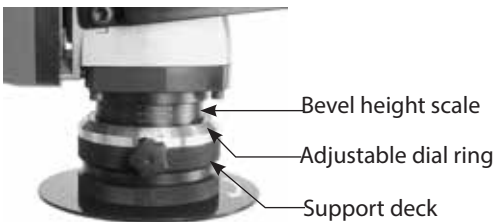
1100W Electric Beveler (Universal Motor Model)

Power input	1100W
Voltage	See machine nameplate
No load min ⁻¹	3000~6000
Bevel angle	45 deg.(optional 30 deg.)
Max. bevel height (45 deg.)	6mm
Min. diameter for inside bevels	20mm
Net weight	4.6 kg (10.12Lbs)



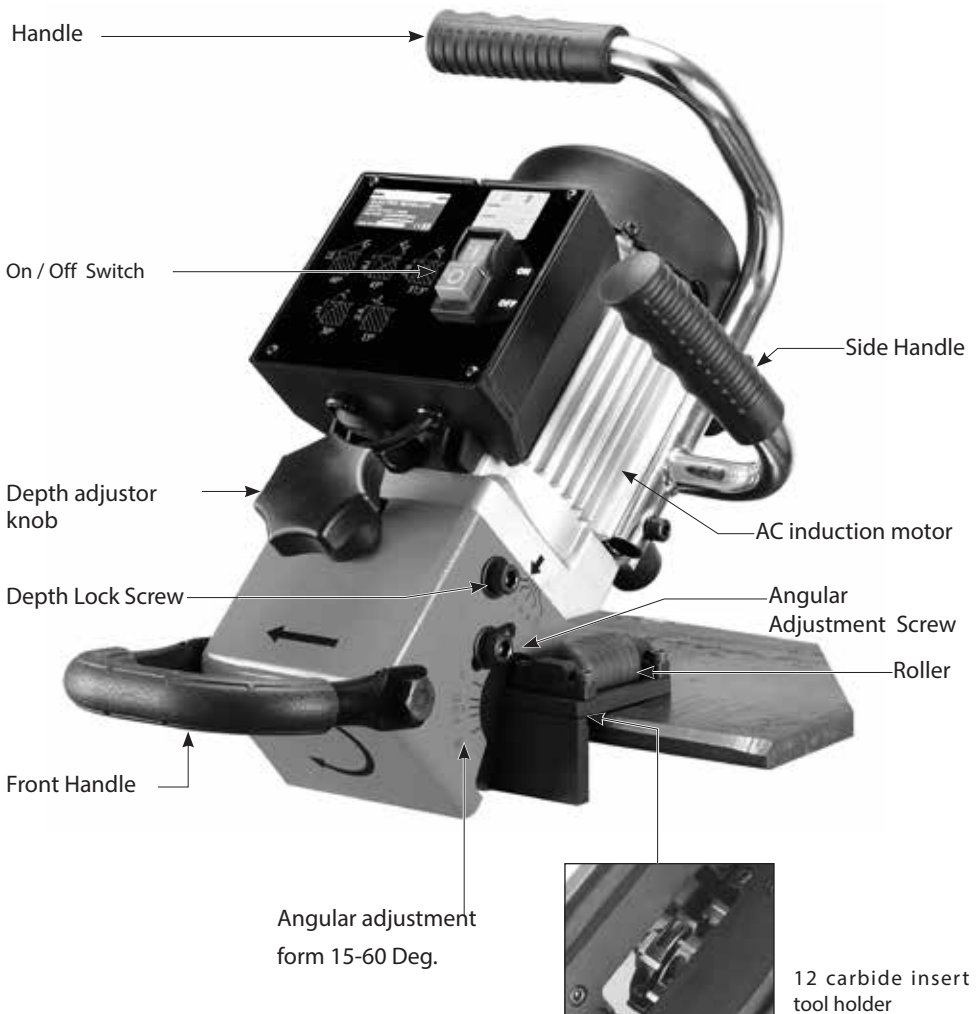
1800W Electric Beveler (Universal Motor Model)

Power input	1800 W
Voltage	See machine nameplate
No Load min ⁻¹	2300-6500
Speed Wheel Settings	1/ 2/ 3/ 4/ 5/ 6: 2300/ 2600/ 3700/ 4800/ 5800/ 6500
Std. Bevel Angle	45 Deg.
Max. Chamfer Height	45 Deg. : 10.6 mm
Mini. Dia. For Inside Bevels	30 mm
Net Weight	6.5kg (14.3Lbs)



1100W Electric Beveler AC Induction Motor Model

Power input	1100W AC Induction Motor	
Voltage	See machine nameplate	
No load min ⁻¹	60Hz: 3600 , 50Hz: 3000	
Angular adjustment	Angle	Chamfer height
	60 Deg.	6.5mm
	45 Deg.	11.5mm
	37.5 Deg.	9.5mm
	30 Deg.	7mm
15 Deg.	3mm	
Net weight	19.3 kg (42.46 Lbs)	



GENERAL SAFETY INSTRUCTIONS



WARNING! 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 mainsoperated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

- a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b. **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.
- c. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

- a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.**
Unmodified plugs and matching outlets will reduce risk of electric shock.
- b. **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.
- c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d. **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 or moving parts.** Damaged or entangled cords increase the risk of electric shock.

- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f. **If operating a power tool in a damp location is unavoidable, use an earth leakage circuit breaker.** Use of an earth leakage circuit breaker reduces the risk of electric shock.

3) PERSONAL SAFETY

- a. **a) 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 while operating power tools may result in serious personal injury.
- b. **b) Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d. **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.
- e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
- g. **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

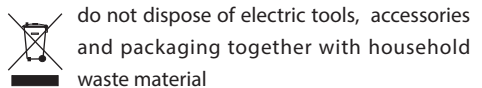
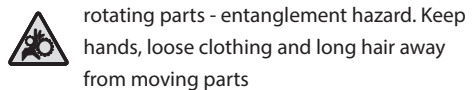
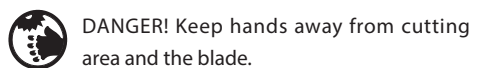
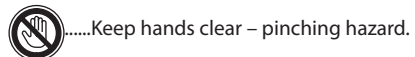
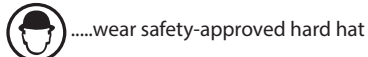
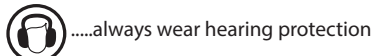
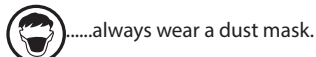
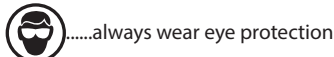
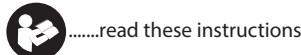
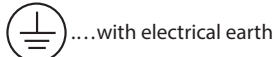
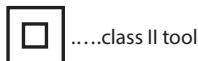
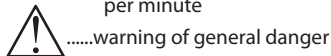
- a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. **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.
- e. **Maintain power tools. Check for misalignment or binding of moving parts, breakage 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.
- f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g. **Use the power tool, accessories and tool bits etc., in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5) SERVICE

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

Symbols used in this manual

- V.....volts
- A.....amperes
- Hz.....hertz
- W.....watt
- ~.....alternating current
- n_0no load speed
- min⁻¹.....revolutions or reciprocation
per minute



SPECIFIC SAFETY RULES

1. **Never operate** the tool in an area with flammable solids, liquids, or gases. Sparks from the commutator/carbon brushes could cause a fire or explosion.

Warning: Risk of injury from high-temperature chips!

High-temperature chips are expelled at high speed.

Never touch the tool holder and keep all vulnerable body parts clear while the machine is running.

2. **Always guide the machine away from the body while working.**
3. **Do not work holding the machine above your head.**

WARNING! Some dust created by power grinding contains chemicals known to cause cancer, birth defects or other reproductive harm.

An example of these chemicals are:
lead from lead-based paint

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specifically designed to filter out microscopic particles.

WARNING!: Never machine materials which contain asbestos.

4. **Use only recommended** carbide inserts, rated at the machine's maximum rated cutting rate or higher.
5. **Do not use dull or damaged** carbide inserts. Dull inserts cause excessive friction and binding and excessive load on the motor, leading to possible damage.

6. **Important: After completing the operation,** Wait for coasting tool holder to stop rotating completely before putting the machine down.
7. **Maintain labels and nameplates.** These carry important information. If unreadable or missing, obtain a replacement.

FUNCTIONAL DESCRIPTION INTENDED USE

This shape beveling and deburring tool is an electrically driven portable machine:

For machining workpieces in steel, chrome steel alloys, aluminum, aluminum alloys, brass and plastic. The machine is designed exclusively for Adding beveled edges, rounding off edges, removing burrs, and removing sharp corners on workpieces. The speed of the machine is variable to suit the needs of various materials and is equipped with a graduated, depth adjustable support deck. It comes with a standard 45 degree tool holder for use with triangle indexable carbide cutter inserts to achieve quick and easy beveling.

WARNING: The machine should not be converted or modified, e.g. for any other form of use, other than as specified in these operating instructions.

The user shall be liable for damages and accidents due to incorrect use.

ELECTRICAL CONNECTION

The network voltage must conform to the voltage indicated on the tool name plate. Under no circumstances should the tool be used when the power supply cable is damaged. A damaged cable must be replaced immediately by an authorized Customer Service Center. Do not try to repair the damaged cable yourself. The use of damaged power cables can lead to an electric shock.

EXTENSION CABLE

If an extension cable is required, it must have a sufficient cross-section so as to prevent an excessive drop in voltage or overheating. An excessive drop in voltage reduces the output and can lead to failure of the motor. The following table shows you the correct cable diameter as a function of the cable length for this machine. Use only U.L. and CSA listed extension cables. Never use two extension cables together. Instead, use one long one.

Total Extension Cord Length (feet)	Cord Size (AWG)
25	16
50	12
100	10
150	8
200	6

UNPACKING

Carefully remove the tool and all loose items from the shipping container.

Retain all packing materials until after you have inspected and satisfactorily operated the machine.

CARTON CONTENTS

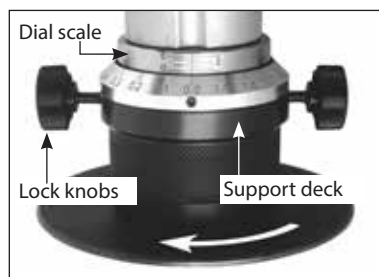
1. Torx Wrench
2. Hook Spanner Wrench
3. Spindle Lock Bar

DO NOT OPERATE THIS TOOL UNTIL YOU READ AND UNDERSTAND THE ENTIRE INSTRUCTION MANUAL.

1800W & 1100W UNIVERSAL MOTOR MODELS:

SETTING THE CHAMFER HEIGHT-DISCONNECT TOOL FROM POWER SOURCE.

1. Loosen the 2 lock knobs
2. Referring to the fixed dial scale and the dial ring on the support deck, turn the entire support deck assembly to set the chamfer height as desired.
3. retighten the 2 lock knobs.

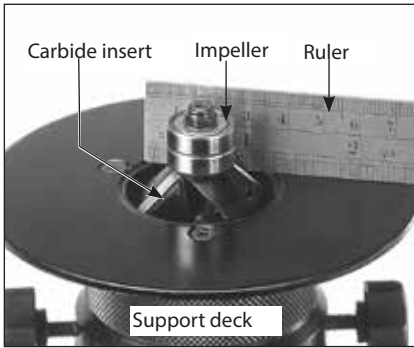


1800W & 1100W UNIVERSAL MOTOR MODELS:

ZEROING-IN THE CHAMFER HEIGHT-DISCONNECT TOOL FROM POWER SOURCE.

Note: The machine's chamfer height is set at zero from the factory. If the setting is disturbed, it must be zeroed in. Follow the instructions below for zeroing-in.

1. Loosen the 2 lock knobs then loosen the support deck assembly so that the inserts are below flush level.
2. Use a steel ruler or other accurate device with a right angle. While keeping the ruler square with the impeller and the support deck, slowly adjust the support deck until the ruler just touches the carbide insert. This is the zero point.
3. Once the zero point is found, loosen the small set screw and turn the dial ring to indicate zero on the scale. Then retighten the set screw.



carbide inserts become hot in operation. Wear gloves and take precautions to prevent burns when working with this part of the machine.

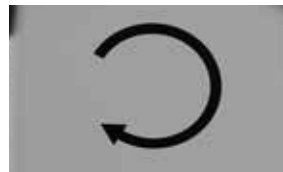
Note: indexable carbide inserts have multiple edges. When one edge is dull simply rotate to the next sharp edge. Once all edges are dull, replace with new inserts.

NOTE: Make sure the indexable carbide inserts are installed in the correct direction, incorrect installation of indexable carbide inserts can cause the failure of chamfering or even rupture of the indexable carbide inserts. Please refer to the front of the machine for rotating direction, and install the indexable carbide inserts accordingly.

SETTING THE CHAMFER HEIGHT

1100W ELECTRIC BEVELER AC INDUCTION MOTOR MODEL

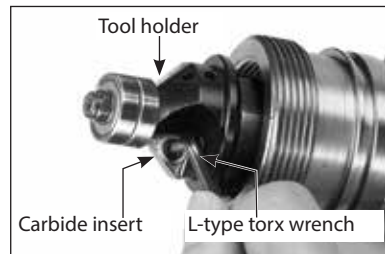
1. Loosen the Depth lock screws of both sides with supplied M8 Hex. Wrench.
2. Turn the Depth adjuster knob clockwise or counter-clockwise to adjust to the desired chamfering height. Please refer to the reading on the side of the machine, maximum chamfering depth up to 12mm.
3. After make sure the chamfering blades are set to the desired height, tighten the depth lock screws.



1. Using the supplied L-type torx wrench, Loosen fixing screw and remove the carbide insert.
2. Index the carbide insert to the next sharp edge or insert a new one as needed.
3. Retighten carbide insert with its torx fixing screw.

1800W & 1100W UNIVERSAL MOTOR MODELS:

CHANGING THE INDEXABLE CARBIDE INSERTS - DISCONNECT TOOL FROM POWER SOURCE.



WARNING: Danger of Burns! Tool holder and

1800W & 1100W UNIVERSAL MOTOR MODELS:

REMOVING THE TOOL HOLDER - DISCONNECT TOOL FROM POWER SOURCE.

WARNING: Danger of Burns! Tool holder and carbide inserts become hot in operation.

Wear gloves and take precautions to prevent burns when working with this part of the machine. If it is necessary to change from the standard 45 deg. Tool holder to an optional 30 deg. Tool holder, the entire tool holder must be changed.

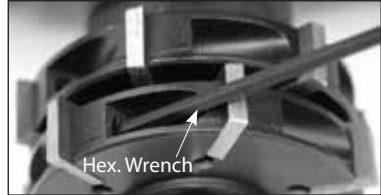
1. Loosen the 2 lock knobs and fully unscrew and remove the support deck assembly.
2. Using the supplied spindle lock bar, secure the spindle. (You will need to turn the spindle to allow the spindle lock bar to engage).
3. Using the supplied hook spanner wrench, engage one of the holes in the tool holder and loosen the tool holder from the spindle.
4. Assembly is the reverse of disassembly
5. Replace and adjust the support deck assembly.

CHANGING THE INDEXABLE CARBIDE INSERTS - DISCONNECT TOOL FROM POWER SOURCE.

FOR 1100W ELECTRIC BEVELER AC INDUCTION MOTOR MODEL

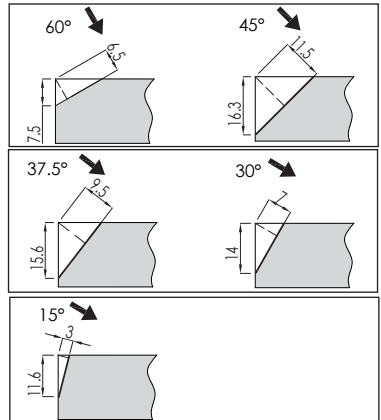
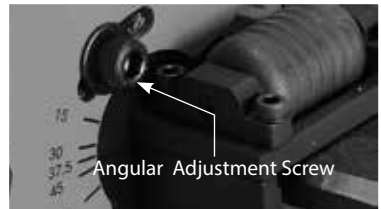
1. Loosen the 2 Depth Adjustment Screw and fully unscrew and remove the support deck assembly.
2. Using the supplied M32 combination wrench to secure the spindle.
3. Using the supplied 27mm x 24mm wrench to unscrew the nut in front of the tool holder and loosen the tool holder from spindle.
4. Rotate, remove or replace the tool holders as needed.
5. Using the supplied M3 Hex wrench, loosen fixing screw and remove the carbide inserts.
6. Rearrange the carbide insert to the other sharp edge or insert a new one as needed.

7. Fasten carbide inserts.
8. Assembly is the reverse of the disassembly.



LAND WIDTH ADJUSTMENT

The land width of the AC Induction Motor Mode is factory set to a maximum of 25.4mm, and is continuous adjustable according to the descriptions below or descriptions available on the machine.



1800W & 1100W UNIVERSAL MOTOR MODELS:

STARTING AND STOPPING TOOL

Make sure that the power circuit voltage is the same as that shown on the specification plate of the machine and that switch is "OFF" before connecting the tool to the power circuit.

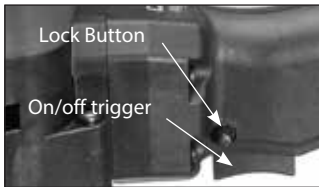
Switching the machine on and off

To switch on:

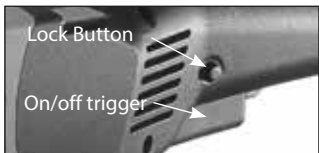
Press the trigger switch to start.

To lock the switch on, press the lock pin next to the switch.

For 1100W model



For 1800W model



To switch off

Squeeze and release the trigger switch to unlock the switch and switch off.

After the machine has been switched off, the arbor will still rotate for a time. Take care that parts of your body do not come into contact with the rotating parts or set the machine down while it is still rotating!

FOR 1100W ELECTRIC BEVELER AC INDUCTION MOTOR MODEL

Note: For your own safety! Always wear goggles and take precautions before operating the beveler. Make sure fully understanding and

compliance to the safety rules before use.

1. Press green motor on button to start motor. Use the handle to feed the machine to the desired working angle to work. Always use very light pressure when beginning the cutting.
2. To switch off the beveler, press the red motor off button.

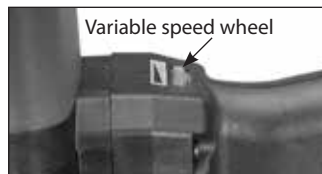
WARNING! Always switch off the beveler and unplug the plug from the mains immediately after use, in order to prevent being operated by untrained personnel or accidents.



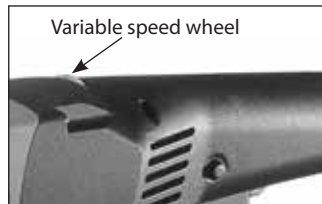
SPEED CONTROL WHEEL

There is a progressive variable speed wheel. By turning the wheel to the right, the speed will gradually increase.

For 1100W model



For 1800W model



HOW TO USE THE TOOL

- Effective control of this powerful tool requires two-handed operation at all times for maximum control and safety.
- Do not use this tool continuously over 30 minutes.
- Protect your eyes from injury with safety glasses or goggles.

OPERATION

The machine must reach full speed before beveling/deburring begins.

- Hold the machine keeping the support deck flat and securely to the workpiece. From the operator's perspective, the spindle is spinning clockwise, so always operate in the direction from left to right (up mill).
- When performing inside bevels, work in a clockwise direction only.
- Do not bevel more than about 2mm per pass. If more depth is needed, make multiple passes until the desired bevel height is reached

MAINTENANCE

Every 50 hours of operation blow compressed air through the motor while running at no load to clean out accumulated dust. (If operating in especially dusty conditions, perform this operation more often.)

1.Keep tool clean

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

Wear safety glasses while using compressed air.

1800W models are equipped with felt filters on the motor cooling vents. These filters prevent swarf

from entering the motor but they also can lead to motor overheating if they are not kept clean. Please ensure that the filters are not blocked before each use.

2. Lubrication

(1800W & 1100W Universal Motor Models only)

Every 100 hours of operation, have the gearbox grease replaced by a qualified service technician.

3.Replace the impeller when worn

When the impeller becomes worn the workpiece surfaces will be machined unevenly. Replace when worn as follows:

1. Using the supplied hook spanner wrench, engage one of the holes in the tool holder to immobilize it.
2. Using an appropriate sized wrench loosen the nut securing the impeller and remove.
3. Replacement is the reverse of removal.

THE CARBON BRUSHES

(1800W & 1100W Universal Motor Models only)

The carbon brushes are a normal wearing part and must be replaced when they reach their wear limit.

Caution: Always replace the brushes as a pair

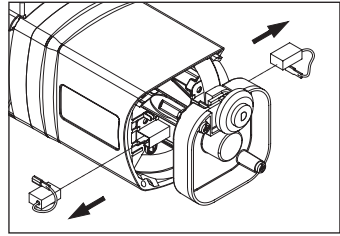
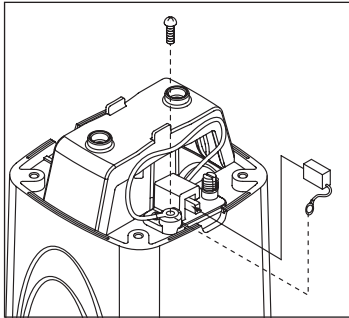
FOR 1100W MODELS UNIVERSAL MOTOR MODELS

To replace

Remove the four screws and remove tail cover.

Using pliers, rotate the brush spring out of the way and slide old carbon brush out of the brush holder. Unscrew the screw to remove the brush lead. The old carbon brush may now be lifted away. Install a new brush. Installation is the reverse of removal.

Replace the motor tail cover.



FOR 1800W MODELS UNIVERSAL MOTOR MODELS

To replace

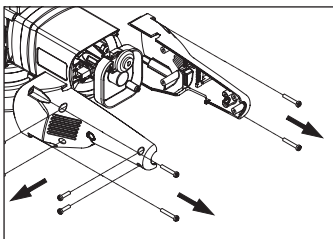
First unplug the machine. Carefully remove the 4 screws to separate the rear handle halves and then remove the 4 screws which connect the handle to the motor housing. Lift away the left-hand handle half first. There will still be wires connected to the rear handle, so take care that these are not stressed. Simply hold the rear handle off to one side.

Using pliers, rotate the brush spring out of the way and slide old carbon brush out of the brush holder. Unplug the spade connector to remove the brush lead. The old carbon brush may now be lifted away.

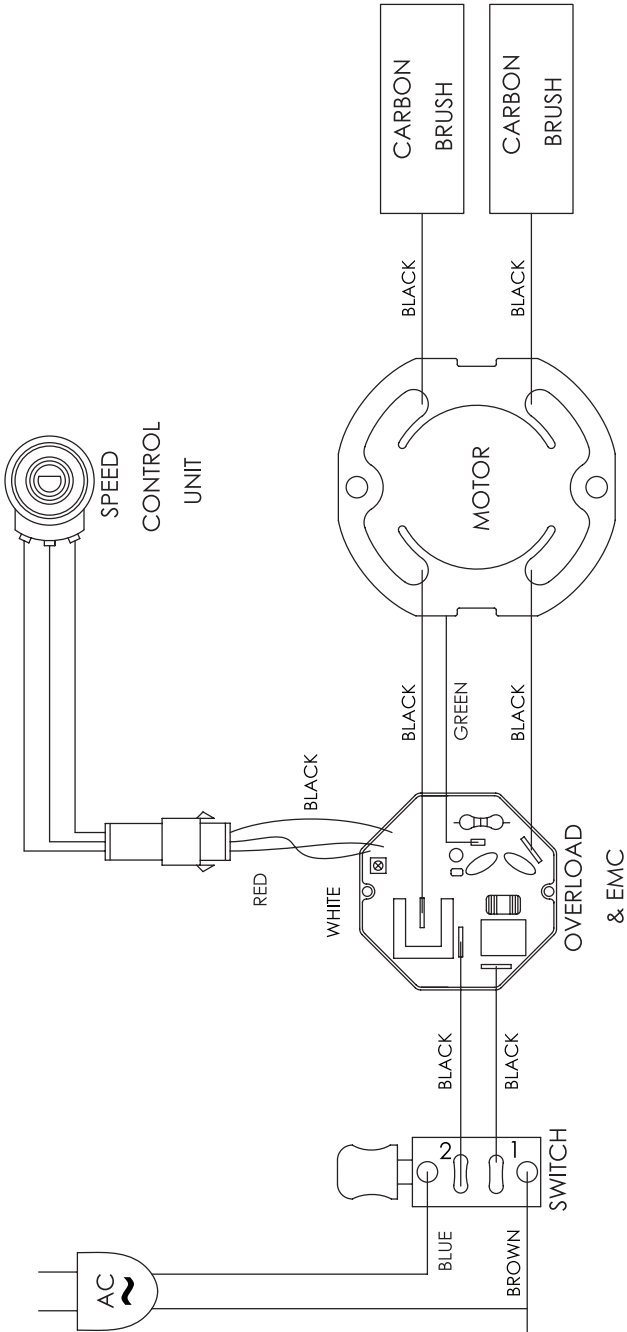
Replacing is the reverse of removal. When Replacing the rear handle to the motor housing, take great care that all wires are in place and not in a position to be pinched when it is retightened.

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

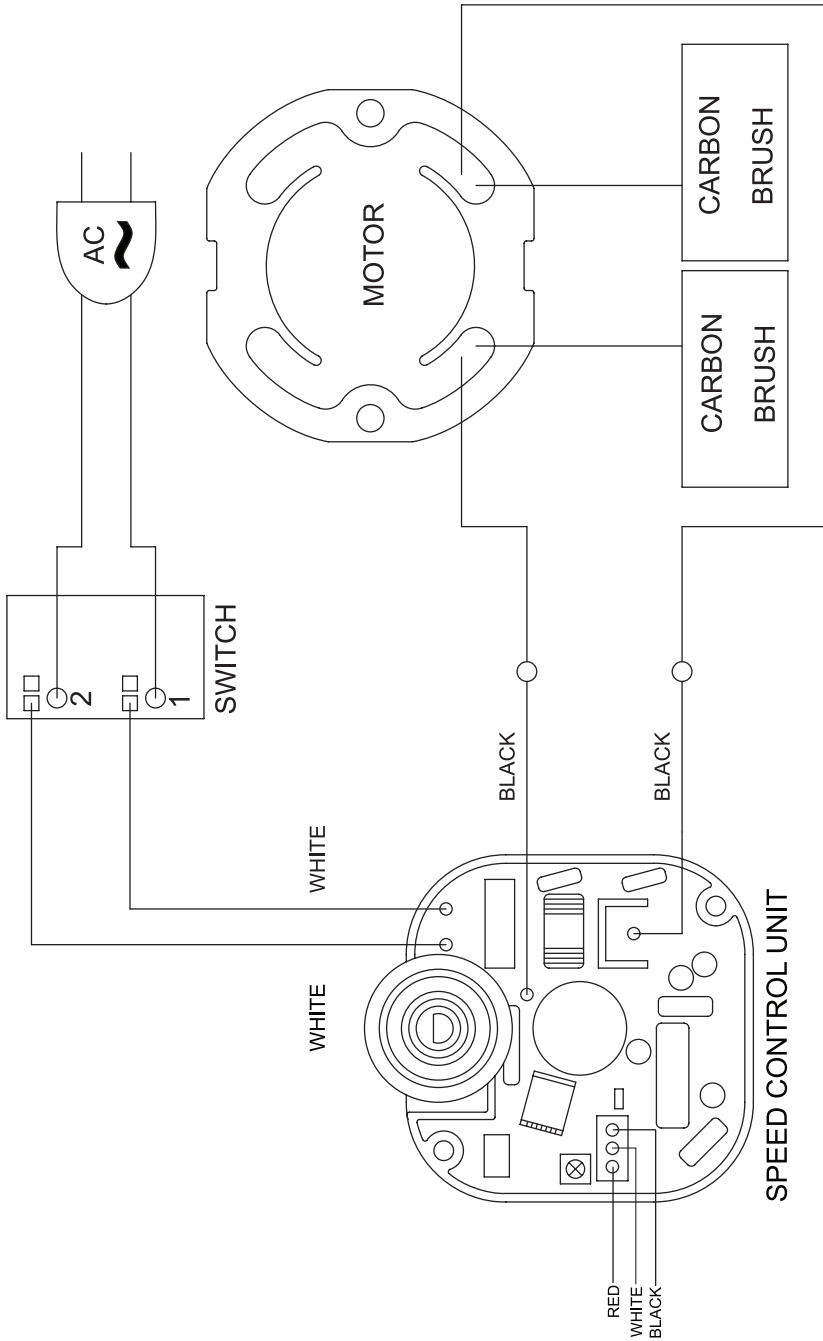
WARNING: All repairs must be entrusted to an authorized service center. Incorrectly performed repairs could lead to injury or death.



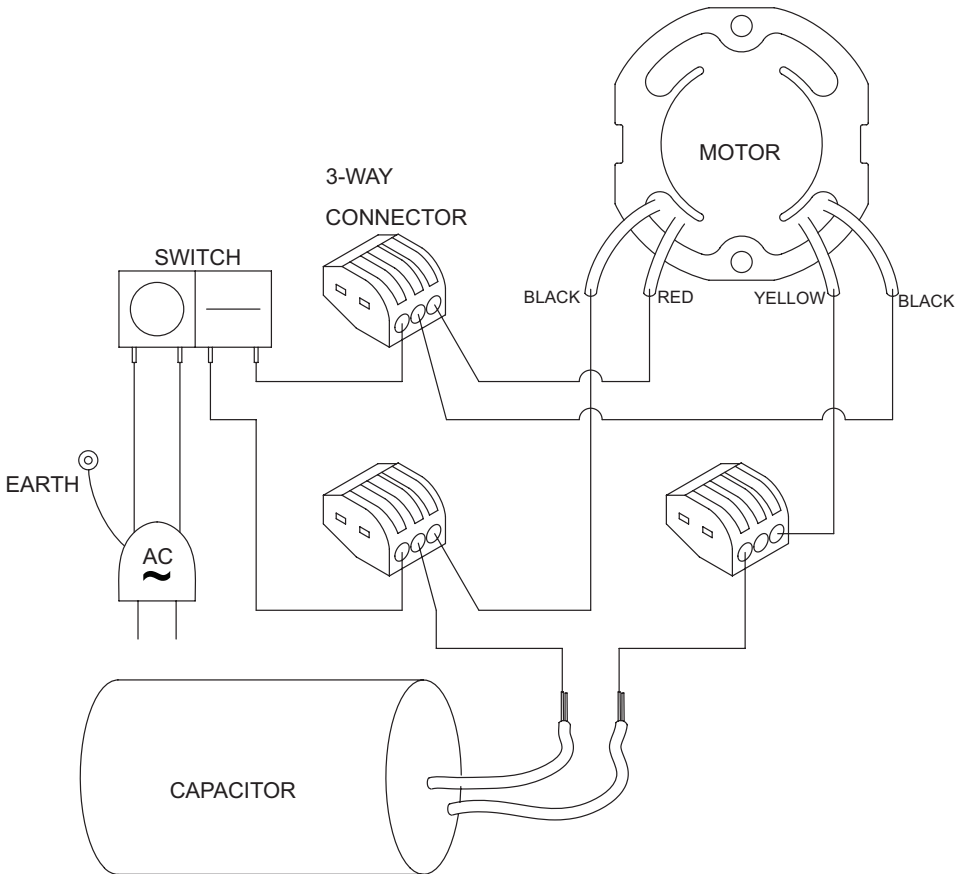
WIRING (1100W Universal Motor Model)



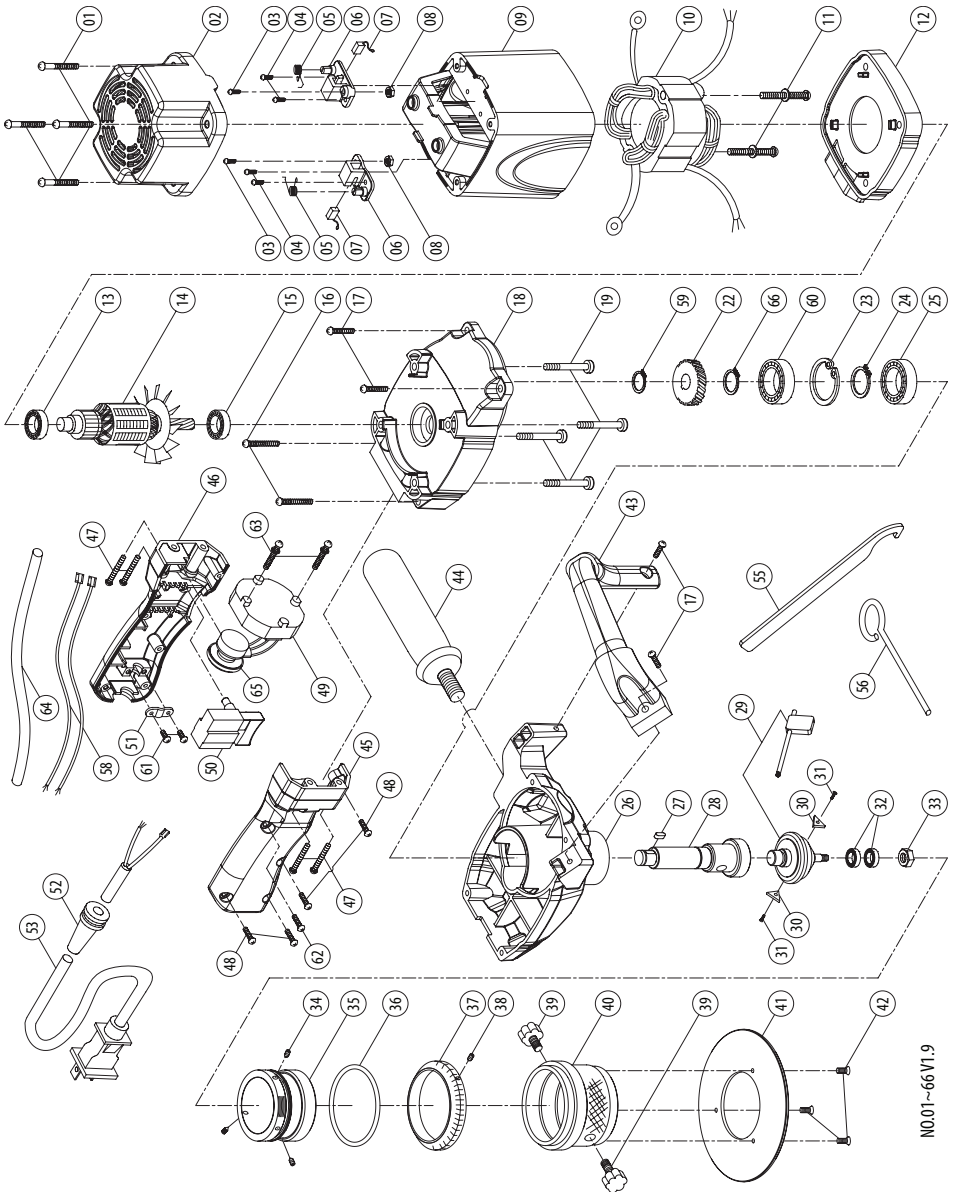
WIRING(1800W Universal Motor Model)



WIRING (1100W AC Induction Motor Model)



EXPLODED VIEW (1100W Universal Motor Model)

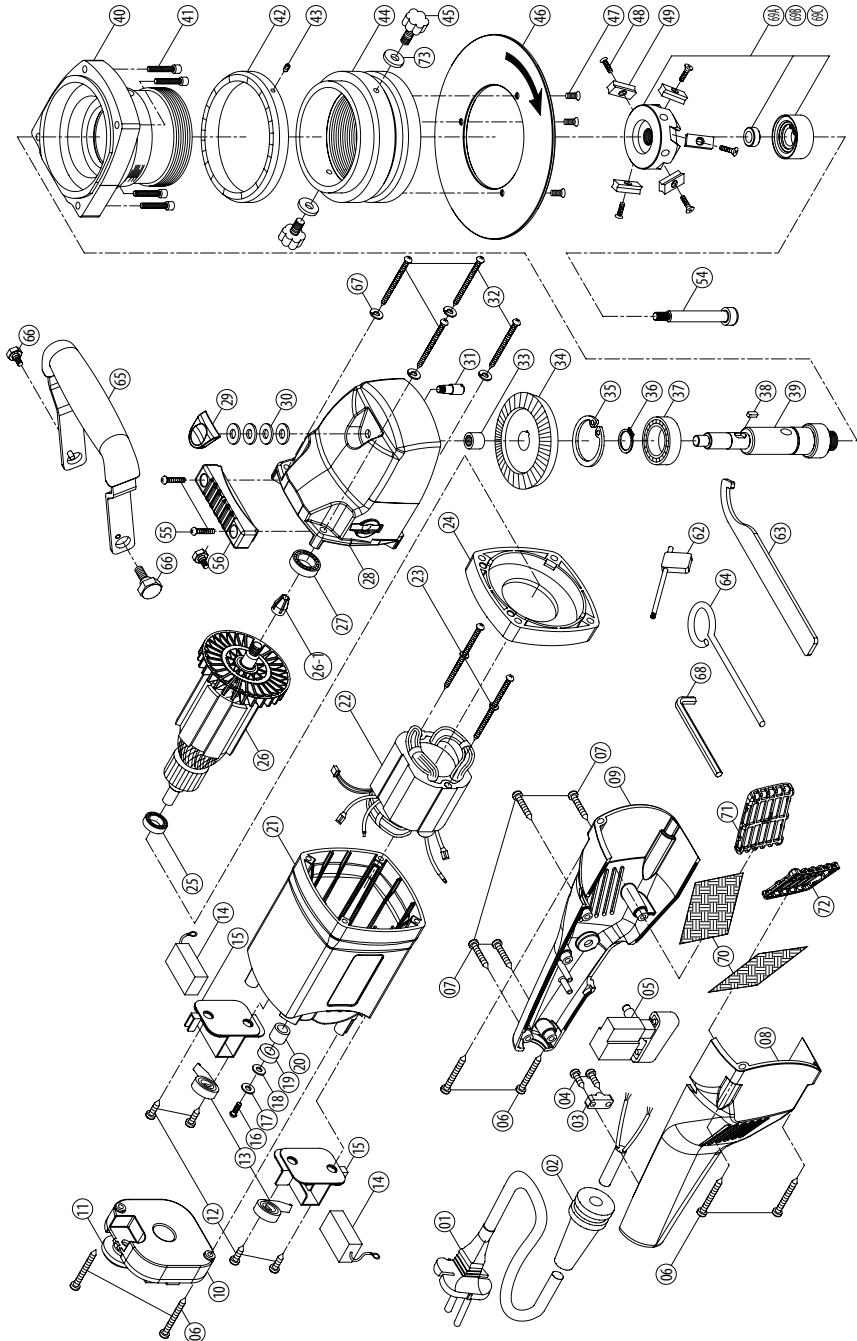


NO.01~66V1.9

PARTS LIST (1100W Universal Motor Model)

No.	Parts Name	Q'TY	No.	Parts Name	Q'TY
1	SCREW M5 x 25	4	34	SET SCREW M5 x 6	3
2	TAIL COVER	1	35	INNER SUPPORT BARREL	1
3	SCREW M4 x 10	2	36	O-RING 3050	1
4	SCREW M4 x 12	4	37	DIAL RING	1
5	SPRING	2	38	SET SCREW M4 x 4	1
6	CARBON BRUSH HOLDER 7 x 11	2	39	LOCK KNOB M5 x 16	2
7	CARBON BRUSH 7x 11	2	40	SUPPORT DECK BODY	1
8	HEX. NUT M4	2	41	SUPPORT DECK PLATE	1
9	MOTOR HOUSING	1	42	SCREW M4 x 10	3
10	STATOR	1	43	FRONT HANDLE	1
11	SCREW W/WASHER M5 x 60	2	44	SIDE HANDLE	1
12	FAN SHROUD	1	45	HANDLE COVER - RIGHT	1
13	BALL BEARING 608-2RU	1	46	HANDLE COVER - LEFT	1
14	ARMATURE 7T	1	47	SCREW M4 x 38	4
15	BALL BEARING 6001-2RS	1	48	SCREW M4 x 20	4
16	SCREW M5 x 35	2	49	SPEED CONTROL UNIT & EMC	1
17	SCREW M5 x 20	4	50	SWITCH	1
18	GEAR PLATE	1	51	CABLE CLIP	1
19	SCREW M5 x 40	4	52	CORD ARMOR	1
20	N/A	-	53	POWER SUPPLY CABLE	1
21	N/A	-	54	TORX WRENCH T15	1
22	GEAR 30T	1	55	HOOK SPANNER WRENCH	1
23	INTERNAL CIRCLIP R-35	1	56	SPINDLE LOCK BAR	1
24	EXTERNAL CIRCLIP S-17	1	57	N/A	-
25	BALL BEARING 6003-2RS	1	58	WIRE LEAD W/TERMINALS	2
26	GEAR CASE	1	59	EXTERNAL CIRCLIP S-12	1
27	WOODRUFF KEY 4 x 4 x 10	1	60	BALL BEARING 6202-2RS	1
28	SPINDLE	1	61	SCREW M4 x 14	2
29	TOOL HOLDER	1	62	SCREW M4 x 16	1
30	INDEXABLE CARBIDE INSERT	2	63	SCREW W/WASHER M4 x 30	2
31	SCREW M4 x 8	2	64	SILICON PIPE M6 x 20CM	20/100
32	BALL BEARING 626 2RS(B)	2	65	THUMB WHEEL	1
33	IMPELLER NUT M5	1	66	EXTERNAL CIRCLIP S-15	1

EXPLODED VIEW(1800W Universal Motor Model)

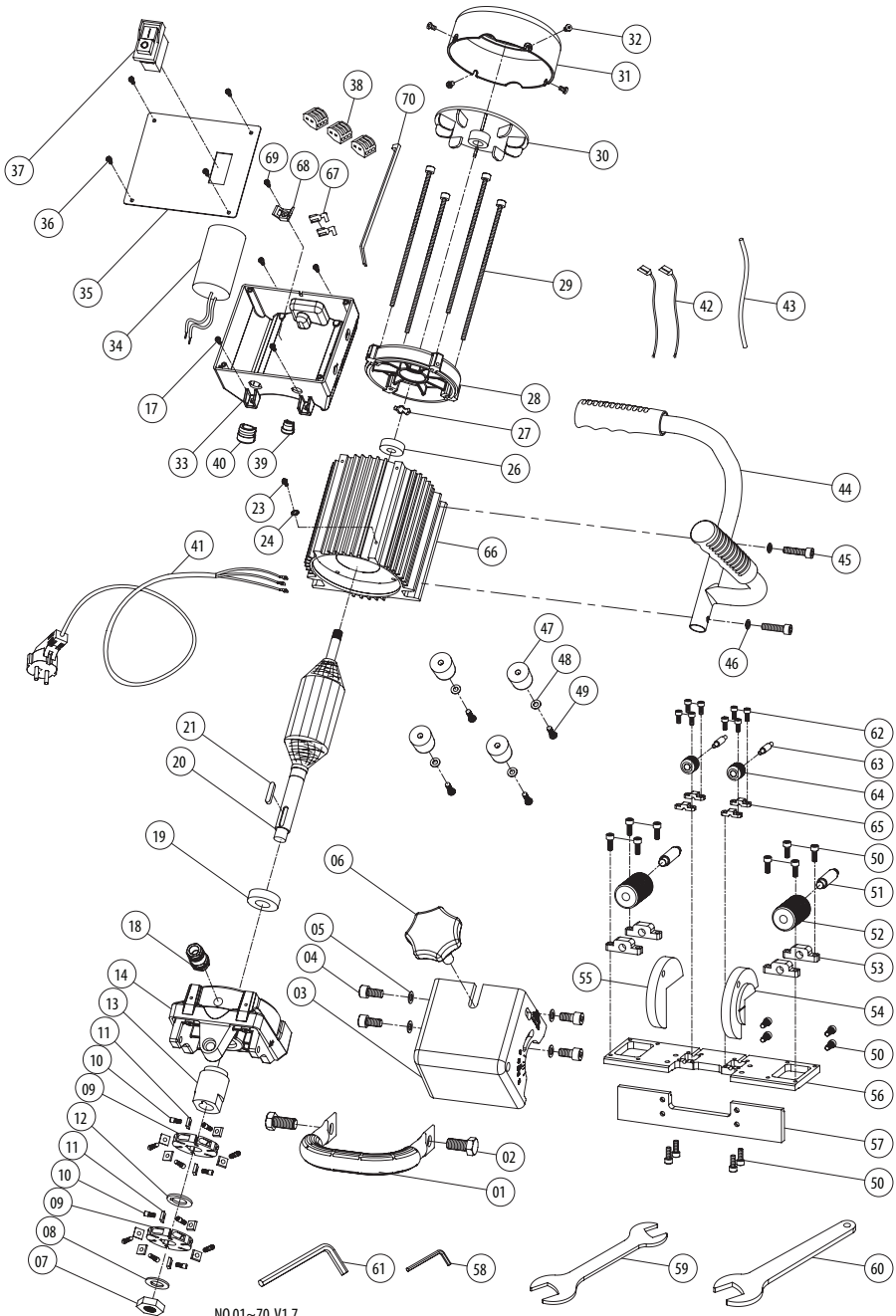


NO.01~73V1.8

PARTS LIST (1800W Universal Motor Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	POWER SUPPLY CABLE	1	34	SPIRAL BEVEL GEAR M1.5 47T	1
2	CORD ARMOR	1	35	INTERNAL CIRCLIP R-47	1
3	CABLE CLIP	1	36	EXTERNAL CIRCLIP S-20	1
4	SCREW M4 x 14	2	37	BALL BEARING 6204LLU	1
5	SWITCH LOCK-ON	1	38	WOODRUFF KEY 5 x 5 x 12	1
6	SCREW M4 x 30	6	39	SPINDLE	1
7	SCREW M4 x 16	4	40	INNER SUPPORT BARREL	1
8	RIGHT HANDLE COVER	1	41	SOCKET CAP SCREW M5 x 25	4
9	LEFT HANDLE COVER	1	42	DIAL RING	1
10	ELECTRONICS UNIT	1	43	SET SCREW M4 x 6	1
10	ELECTRONICS UNIT	1	44	SUPPORT DECK BODY	1
11	THUMB WHEEL	1	45	LOCK KNOB M5 x 16	2
12	SCREW M4 x 8	4	46	SUPPORT DECK PLATE	1
13	BRUSH SPRING	2	47	SCREW M4 x 12	3
14	CARBON BRUSH 7 x 11 x 17 +33L+FLDNBI-110	2	48	SCREW M4 x 8	5
15	CARBON BRUSH HOLDER 7 x 11	2	49	INDEXABLE CARBIDE INSERT	5
16	SCREW M4 x 10	1	50~53	N/A	-
17	FLAT WASHER Ø4 x Ø10 x 1	1	54	SHOULDER BOLT M6	1
18	PLASTIC WASHER Ø4 x Ø11 x 1	1	55	SCREW M5 x 15	2
19	PICKUP MAGNET Ø8 x Ø15 x 5	1	56	MOTOR REST	1
20	SPACER Ø8 x Ø12 x 10.5	1	57~61	N/A	-
21	MOTOR HOUSING	1	62	TORX WRENCH T15	1
22	STATOR	1	63	HOOK SPANNER WRENCH	1
23	SCREW M5 x 60	2	64	SPINDLE LOCK BAR	1
24	FAN SHROUD	1	65	FRONT HANDLE	1
25.	BALL BEARING 608 zz	1	66	SOCKET CAP SCREW M8	2
26	ARMATURE	1	67	SPRING WASHER M5	4
26-1	SPIRAL BEVEL PINION M1.5 x 12T	1	68	HEX WRENCH M6	1
27	BALL BEARING 6001LLU	1	69A	TOOL HOLDER ASSEMBLY 45° 45°	1
28	GEAR CASE	1	69B	TOOL HOLDER ASSEMBLY 30° (Optional) 30°	1
29	SPINDLE LOCK BUTTON	1	69C	TOOL HOLDER ASSEMBLY 37.5° (Optional) 37.5°	1
30	WASHER Ø6 x Ø13 x 1	4	70	FELT COOLING SLOT FILTER 45x55mm	4
31	SPINDLE LOCK	1	71	FILTER FRAME-L	1
32	SCREW M5 x 40	4	72	FILTER FRAME-R	1
33	NEEDLE BEARING HK 0810	1	73	PLASTIC WASHER Ø5.1 x Ø12.5 x 2.3	2

EXPLODED VIEW (1100W AC Induction Motor Model)



NO.01~70 V1.7

PARTS LIST (1100W AC Induction Motor Model)

NO.	Parts Name	Q'TY	NO.	Parts Name	Q'TY
1	FRONT HANDLE	1	36	SCREW M4 x 10	4
2	SCREW M14 x 25	4	37	SWITCH KJD17-AC230V	1
3	INNER COVER	1	38	TERMINAL	3
4	SCREW M10 x 20	4	39	CABLE GLAND SB7R-3	1
5	FLAT WASHER Ø10 x Ø23 x 2	4	40	CABLE GLAND SB8R-3	1
6	DEPTH ADJUST NUT	1	41	POWER SUPPLY CABLE	1
7	HEX. NUT M16 x P2.0	1	42	WIRE LEAD 16AWG x 15cm	2
8	DISC SPRING Ø16 x Ø30 x 1.5	1	43	WIRE SHEATH 6mm*15cm	1
9	MILLING DISC	2	44	HANDLE	1
10	HEADLESS SCREW M6 x 6	12	45	SCREW M8 x 40	2
11	CARBIDE MILLINGPLATE	12	46	SPRING WASHER M8	2
12	INTERMEDIATE WASHER Ø20 x Ø35 x 3.5	1	47	RUBBER FOOT 30L	4
13	MILLING RECEIVER	1	48	FLAT WASHER Ø6 x Ø13 x 1	4
14	BEARING PLATE	1	49	SCREW M6 x 30	4
15	N/A	-	50	SCREW M6 x 16	16
16	N/A	-	51	ROLLER AXLE	2
17	SCREW M4 x 10	4	52	GUIDING WHEEL	2
18	CABLE GLAND	1	53	WHEEL STUB AXLE	4
19	BALL BEARING 6004-LLU	1	54	SLEWING SEGMENT (L)	1
20	ARMATURE	1	55	SLEWING SEGMENT (R)	1
21	PARALLEL KEY 6 x 6 x 30	1	56	HORIZONTAL TABLE PLATE	1
22	N/A	-	57	VERTICAL TABLE PLATE	1
23	SCREW M4 x 8	1	58	L-WRENCH M3	1
24	SUN WASHER M4	1	59	WRENCH M24 x M27	1
25	N/A	-	60	WRENCH M32	1
26	BALL BEARING 6202 zz	1	61	L-WRENCH M8	1
27	WAVE WASHER 6202	1	62	SCREW M5 x 12	8
28	MOTOR END CASTING	1	63	ROLLER AXLE	2
29	SCREW M5 x 200	4	64	GUIDING WHEEL	2
30	FAN	1	65	WHEEL STUB AXLE	4
31	FAN COVER	1	66	STATOR ASSEMBLY 110V/220V	1
32	SCREW M5 x 8	4	67	TERMINAL 1	
33	CONTROL BOX	1	68	SADDLE TYPE TIE MOUNT HC-4	1
34	CAPACITOR 250VAC, 20UF	1	69	SCREW M5 x 8	1
34	CAPACITOR 400VAC, 20UF	1	70	TIE 4.7mm x 200mm	1
35	SWITCH PANEL	1			

