



ORIGINAL INSTRUCTIONS



PRODUCT SPECIFICATIONS

Attention: Please choose proper power source, voltage and frequency that are shown in the label for your machine.

Motor Power	1800W
Weight	NW:49.5KG GW54KG
Pass-through width	13 in (330 mm)
Pass-through height	6 in (152 mm)
Max. cutting depth for board width acceptance	0.8 mm 1.6 mm W≤230mm 2.4 mm W≤150mm 3.2 mm W≤75mm
Feed rate speed	4 / 7 m/min
Cutting block speed	9400 /min

Characteristics noise values

Noise characteristic values according to EN ISO 3744.

The given values are emission values and do not also present safe working values. Although there is a correlation between emission and nuisance levels, the relationship is not dependable as an indicator as to whether additional safety measures are necessary or not. Factors specific to the workplace can influence the nuisance level, such as the length of the activity, the characteristics of the work room, other sources of noise, etc., for instance the number of machines and other nearby activities. Dependable work place values can also vary from country to country. This information should, nonetheless, allow a better estimation of possible dangers and risks.

If the declared emission values are to be verified, measurements shall be made using the same method and the same operating and mounting conditions as those declared.

WARNING: The noise emission values given are only valid if the same operating and mounting conditions are applied. Other operating and mounting conditions, e.g. a different work process, can lead to higher noise emission with the risk of underestimation.

WARNING: The noise emission values given are not exposure levels. While there is a correlation between the emission and exposure levels, noise emission values cannot be used to reliably determine whether or not further precautions are required. Factors that influence the actual level of exposure include the actual work process, characteristics of the work room and other adjacent sources of noise in operation.

Emission sound pressure level (near ear): 101dB, K=3dB

Sound power level: 108.7dB, K=3dB

SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock, and personal injury. Read all these instructions before operating this product and save the instructions.

CAUTION: Read and follow all Safety Rules and operating Instructions before First Use of this Product.

Keep this manual with tool.

GENERAL

Please pass this safety information on to all persons who work with the machine. People who operate this machine must have read the instructions for use, and particularly the chapter concerning safety information. Once they have begun work, it is too late. This is especially the case for personnel who only occasionally use the machine, for example when the machine is to be equipped or maintenance work carried out.

- Pay attention to all safety and danger information on the machine.
- Keep all safety and danger information on the machine completely and in a legible condition.
- Check the line cables. Do not use defective electrical connections.
- See that the machine is firmly situated on a firm ground
- Make sure that there is adequate light in the work place and near the machine
- Take care when working, rotating cutting tools present danger of bodily harm to fingers and hands.
- When the machine is in use, all protective equipment and covers must be mounted.
- Keep all other people, especially children, away from the work area and the machine when it is plugged in as well as its cables.
- Make sure that children do not have access to the machine when it is not in use.
- Do not overtax the equipment and use it only within the performance parameters described in the technical data section of the information for use.
- Do not use the cable for uses other than that for which it is intended. Protect the cables from heat, oil, and sharp corners.

- Keep the hand holds dry, clean, and free of oil and grease.
- Before the machine is switched on, check that keys and other preparatory tools are removed from it.
- Be alert and pay attention to what you are doing. Be sensible about your work. Do not use this machine when you are not able to concentrate. Do not use this machine when you are tired or under the influence of alcohol, drugs, or medications.
- The operator must be at least 18 years old. People in training must be at least 16 years old, and may only operate the machine if they are supervised.
- People operating the machine should not be distracted.
- Keep the service area in good order; remove wood shavings. A disorderly work area can lead to accidents.
- Protect the machine from rain and dampness.
- Do not operate the machine in a damp or wet environment.
- Store the machine in a safe place, so that nobody can be injured by the machine or inadvertently switch it on. Do not let the machine stand without protection outdoors or in a damp environment.
- Only operate the machine according to the appropriate uses.
- Do not operate the machine where there is danger of fire or explosion.
- When using this piece of equipment, avoid physical contact with grounded items (for example pipes, radiators, electrical stoves, refrigerators).
- Wear close fitting cloths. Remove jewelry, rings, and watches.
- When operating the machine wear hearing protection, protective glasses as well as a dust protection mask.
- Wear a cap or hair net to protect long hair.
- The safety equipment on this machine may not be removed or made useless. Carry out changes, adjustments, measurement, or cleaning work only when the motor is turned off. Unplug the machine and wait until all rotating tools have come to a standstill.
- Installation, repairs, and maintenance work on the electrical equipment may only be carried out by a specialist.
- All protective and safety devices must be immediately reinstalled after repair or maintenance work has been carried out. To deal with problems, turn the machine off. Pull out the plug!
- Use an exhaust extraction system to remove wood chips or sawdust. The current speed at the vacuum heads must be 20 m/s.
- When the machine is moved, even a small distance, it must be disconnected from the electrical current. Before starting the machine up again it must be connected to the electrical supply in an orderly way.
- The operator must turn off the motor when he leaves the workplace. Pull out the plug! Unplug the machine when it is not needed.
- Check the machine each time it is started up to make sure that the protective equipment and the switches are in order. Do not use the machine if the protective equipment, the switch, the electrical connections, the plug, or other parts of the machine are damaged.
- The machine should be anchored into the ground by means of screws when it is in operation.
- The machine must be grounded. The yellow/green (green) wire is the ground wire.
- The machine could be used only if it is connected to the effective chip and dust extraction system
- That the dust extraction equipment is to be on before commencing machining

Special safety instructions for thicknesser

- Do not use dull cutting blades since this increases the danger of kickbacks.
- When short pieces of wood are to be planed, use a push stick to position the work pieces.
- Do not use the machine to notch or harrow wood.
- Regularly check that the cutting block are working properly.
- Use only well sharpened cutting blades to work better and more safely.
- Do not use cracked cutting blades, or those which are no longer in their original form.
- Use suitable aides to support heavy or bulky pieces when they are to be thickened. Such aides include the extra units: jack up and universal trucks.
- Check regularly that the cutting blade are securely fastened.
- When changing the cutting blade, wear appropriate work gloves.
- When working on the thicknesser, do not wear work gloves; safe in those cases when the work piece is rough.

Appropriate Use

- Before beginning work, all protective and safety equipment must be mounted on the machine.
- The machine is conceived to be operated by one person.
- Pay attention to all safety and danger warnings on the machine.
- All safety and danger warnings on the machine must be kept legible.
- Should larger work pieces be handled, such that the table top must be tipped, a table extension or a jack up truck (extra accessory) must be used.
- If the machine is used in an enclosed space, then an exhaust extraction system must be hooked up to it.
- Use the machine only when it is in technically perfect condition and only for appropriate jobs, with an awareness of safety and possible dangers, based on observation of the operating instructions! Problems which could influence the safety of use must be immediately dealt with!
- All the manufacturer's safety, work, and maintenance regulations as well as the given norms in the Technical Data must be observed.
- The appropriate accident prevention rules and all those generally recognized safety rules must be observed.
- The machine may only be used, maintained, or repaired by those persons who understand and have been instructed in the potential dangers. Independent changes in the machine cancel any manufacturer's liability for any damages that result from these changes.
- The machine may only be used with the manufacturer's original parts and tools.
- Note: the use of tools or equipment other than those specified in the operating instructions can mean danger for the user.
- Any use beyond what is specified here is not appropriate. The manufacturer is not liable for any damages which result from inappropriate use; the entire risk is carried by the user.
- Do not lean too far forward.
- Always stand firmly on the ground and maintain your balance.
- Always concentrate on your work. Do not work with the machine when you are tired or under the influence of drugs or alcohol.

- Check the machine for damaged parts. If protective equipment or any other part is damaged, check carefully before you continue your work whether it functions properly. Test the release of moveable parts and make sure they can move freely. Be certain that there are no breaks, cracks or other conditions that could negatively influence the functioning of the machine. Damaged protective equipment or other parts that are defective must be repaired or replaced by a recognized customer service center unless otherwise specified in the operating instructions.
- Have defective switches replaced by a recognized customer service center. Do not work with the machine if the ON/OFF switch or the speed of rotations cannot be moved properly.
- Make sure that the electrical current corresponds to the requirements of the type label on the machine.
- Treat your tools with care: they can be extremely sharp.
- Before starting work with the machine, make sure that objects such as nails and screws have been removed from the work piece.
- Keep your hands away from rotating tools.
- When turning on the machine, the tools may not touch the work piece.
- Once you have turned on the machine, let it run for a while before you make the first cut. Pay attention to any vibrations or drumming which might indicate an improperly mounted tool.
- Pay attention to the rotational direction of the tool and the correct entry direction of the work piece.
- Do not leave the running machine unattended.
- Do not touch the tool after the work has been completed. It can be extremely hot and can burn the skin.
- Rags, cables, and similar items should not be left on the work surface when the machine is in operation.
- After the machine has been in operation for a long period of time, external metal parts and equipment can get hot.
- Turn the machine off and wait until the tool has come to a complete stop before removing the work piece from the table
- Support the work piece properly.
- Use extra aides, such as horizontal holders, for working on smaller work pieces.
- Do not let the machine stand in the rain.

Warning: The use of any equipment or external parts that is not recommended in this operating instruction can lead to bodily harm.

This product may only be used for the purposes for which it was made. Any other use which is not described in these operating instructions is understood to be inappropriate. The operator, and not the manufacturer, is responsible for all damages or injuries which result from improper use.

Remaining hazards

The machine has been manufactured according to technical standards and recognized safety rules. Still, when working with the machine, certain residual risks can come about.

- There can be danger or injury to fingers and hands due to rotating tools when the work piece is led into the machine in an inappropriate manner.
- Wood dust or saw dust can present danger to health. It is imperative that the operator wear personal protection devices such as goggles. Use an exhaust extraction system!
- Danger of injury due to defective tools. Check regularly that the tools are in good working order.
- Danger of injury to fingers and hands when changing the tools. Use appropriate work gloves.

- Danger of injury when the machine is being turned on due to rotating tools.
- Danger due to the electrical current when the electrical connections are not properly installed.
- Danger to the operator's health due to the rotating tools if the operator has long hair and loose clothing. Personal protection devices such as hair nets and close-fitting clothing should be worn.
- Despite all safety measures being followed there can still be obvious residual risks.
- Residual risks can be reduced when all the instructions in general are followed.

ELECTRICAL REQUIREMENTS

WARNING: To avoid electrical hazards, fire hazards, or damage to the tool, use proper circuit protection. Use a separate electrical circuit for your tools. To avoid shock or fire, if power cord is worn or cut, or damaged in any way, have it replaced immediately.

GROUNDING INSTRUCTIONS

WARNING: This tool must be grounded while in use to protect the operator from electrical shock.

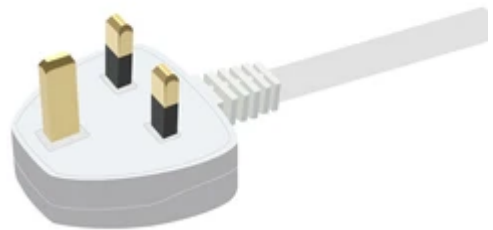
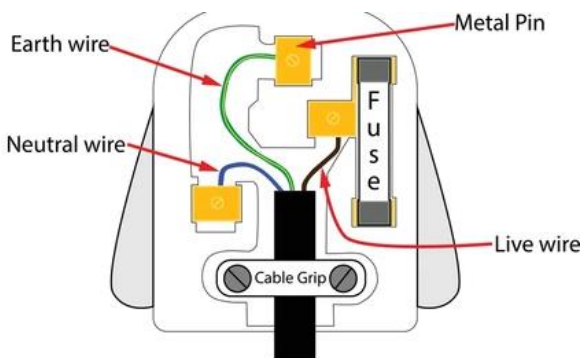
IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides a path of least resistance for electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment-grounding conductor and a grounding plug. The plug **MUST** be plugged into a matching receptacle that is properly installed and grounded in accordance with ALL local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the receptacle, have the proper receptacle installed by a qualified electrician.

IMPROPER CONNECTION of the equipment-grounding conductor can result in risk of electric shock. The conductor with green insulation (with or without yellow stripes) is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, **DO NOT** connect the equipment-grounding conductor to a live terminal.

CHECK with a qualified electrician or service person if you do not completely understand the grounding instructions, or if you are not sure the tool is properly grounded.

Refer to nether picture:



WARNING: Improper connection of equipment grounding conductor can result in the risk of electrical shock. Equipment should be grounded while in use to protect operator from electrical shock.

WARNING: This machine is for indoor use only. Do not expose to rain or use in damp locations.

GUIDELINES FOR EXTENSION CORDS

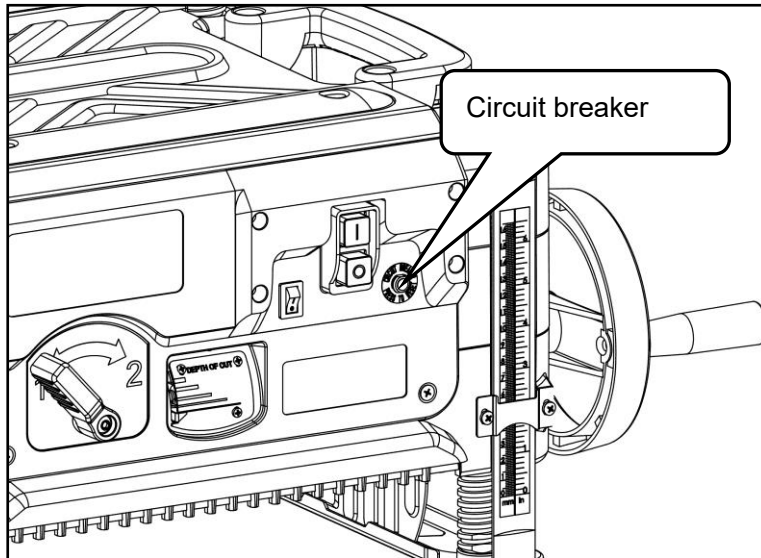
USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and cause overheating.

Be sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it. Protect your extension cords from sharp objects, excessive heat and damp or wet areas.

CIRCUIT BREAKER

The thicknesser is equipped with a motor protection device-circuit breaker. The breaker will automatically shut the thicknesser off when excessive current is consumed. If the breaker is tripped, turn the planer off and reset the circuit by pressing the button.

CAUTION: Be sure to turn the planer off prior to resetting the circuit breaker to avoid unintentional start-up of the thicknesser.



ACCESSORIES AND ATTACHMENTS

RECOMMENDED ACCESSORIES

To avoid injury:

- Use only accessories recommended for this machine.
- Follow instructions that accompany accessories. Use of improper accessories may cause hazards.
- Use only accessories designed for this machine to avoid injury from thrown broken parts or workpieces.
- Do not use any accessory unless you have completely read the instruction or operator's manual for that accessory.

CARTON CONTENTS

UNPACKING AND CHECKING CONTENTS

Carefully unpack the machine and all its parts.

WARNING:

- To avoid injury from unexpected starting, do not plug the power cord into a power source receptacle during unpacking and assembly. This cord must remain unplugged whenever you are assembling or adjusting the machine.
- If any part is missing or damaged, do not plug the machine until the missing or damaged part is replaced, and assembly is complete.

IDENTIFICATION

Become familiar with the names and locations of the controls and features shown below to better understand the instructions in this manual.

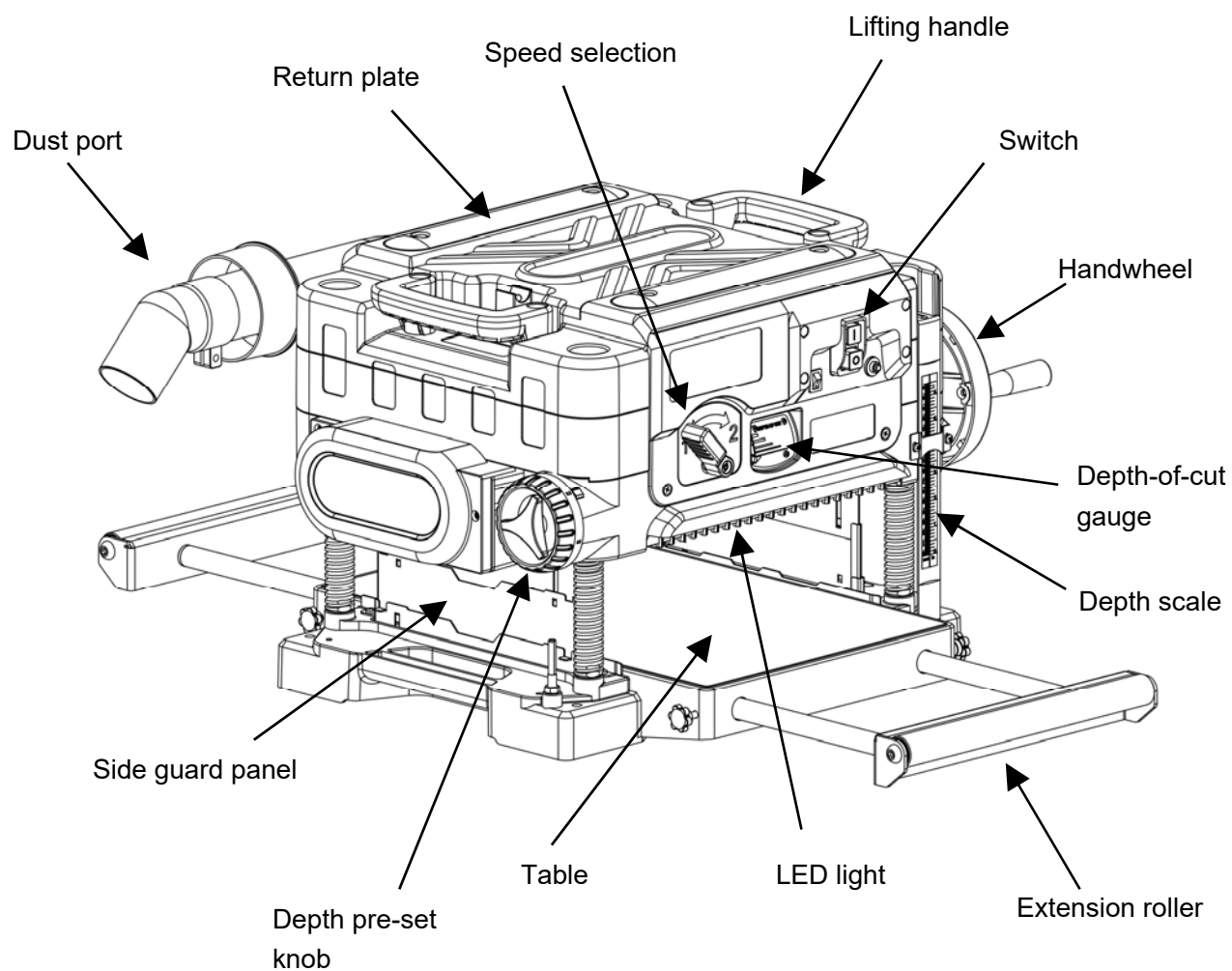
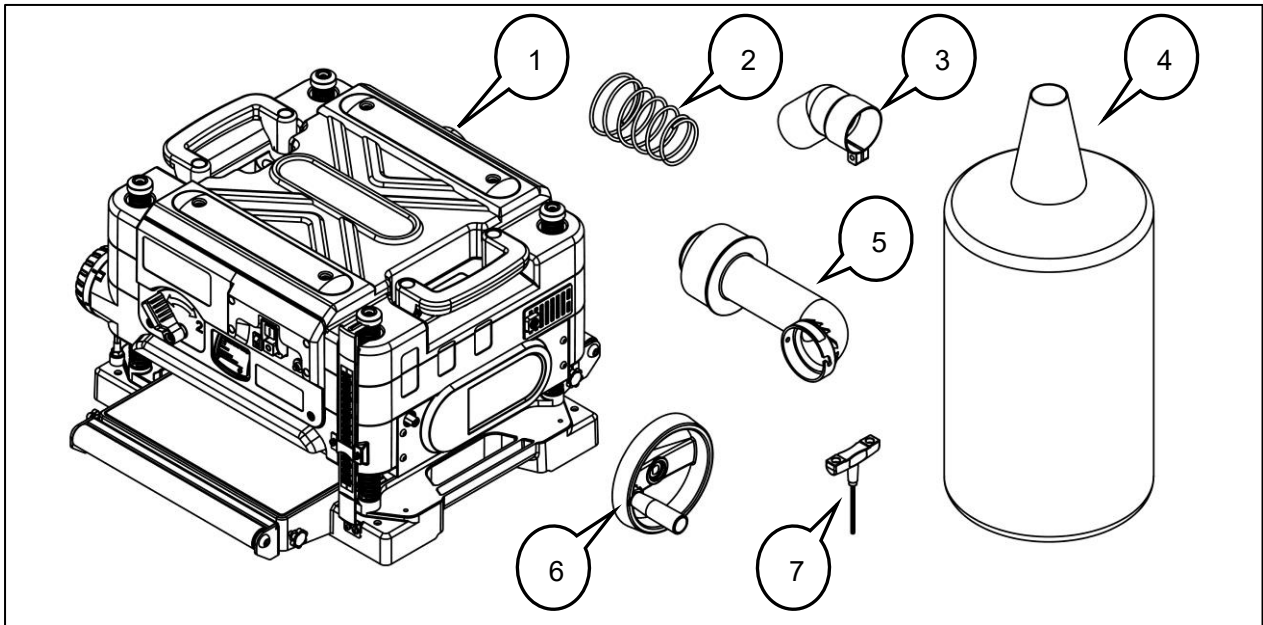


TABLE OF LOOSE PARTS

Unpack carton; check your machine to see parts listed below:

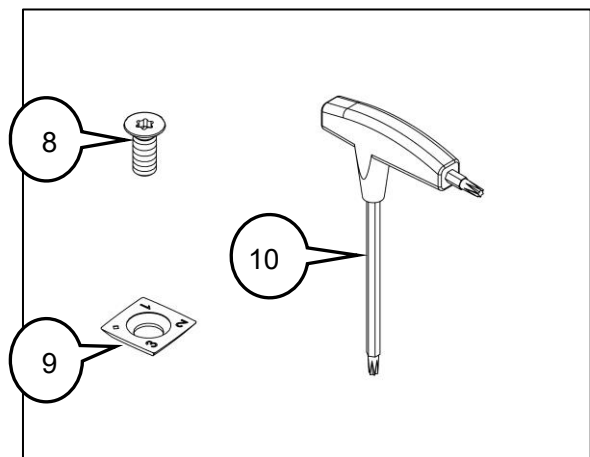
1. Thickness planer	x1
2. Spring	x1
3. Adapter	x1
4. Filter bag	x1
5. Dust port	x1
6. Handwheel	x1
7. T wrench	x1



Additional part for helical cutterhead

(Not provide for straight blade model)

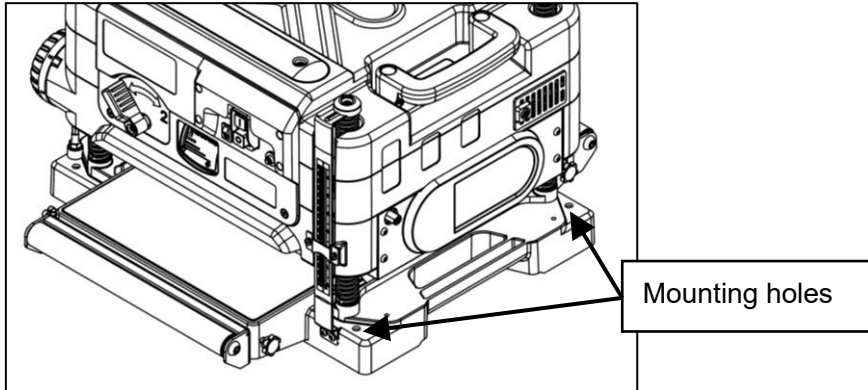
8. Helical blade fixing screw	x5
9. Helical blade	x5
10. Torx wrench	x2



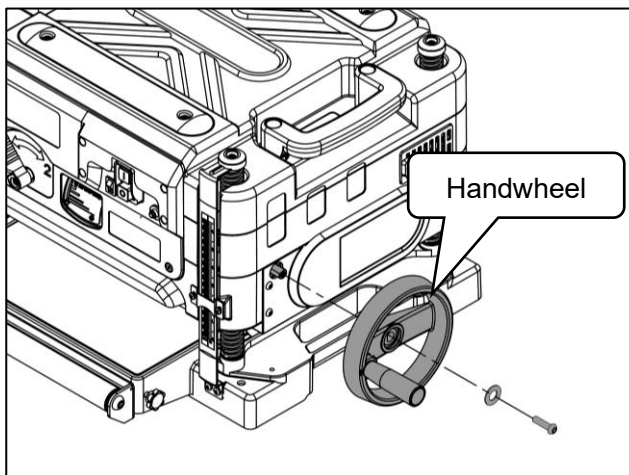
ASSEMBLY

WARNING: Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

- The thicknesser should be mounted on a level bench or table before operation. Four holes are provided on the four corners of the base for mounting to a workbench or worktable.

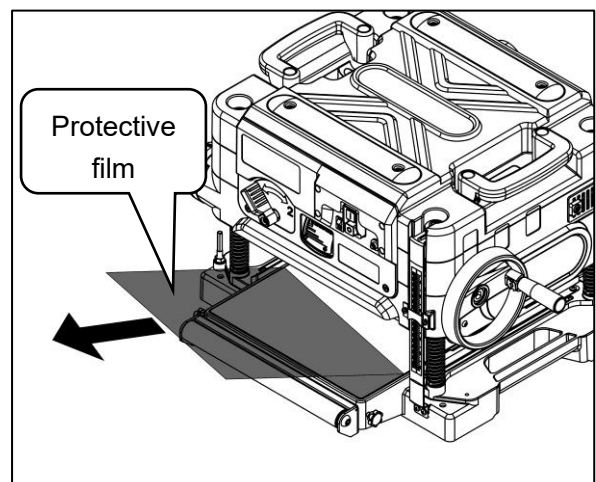
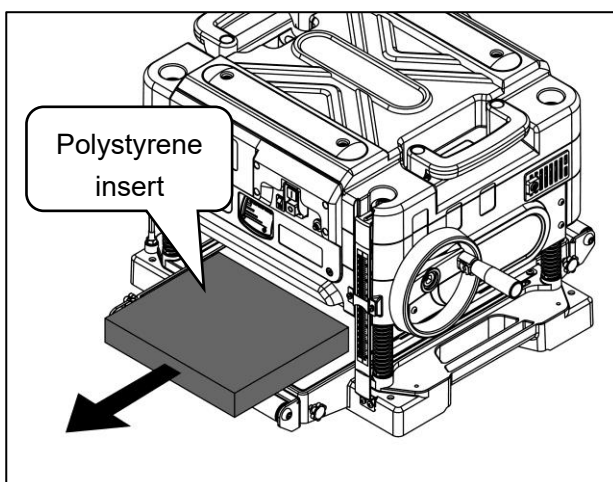


- Remove the socket pan head screw and washer from the handwheel shaft. Attach the handwheel onto the shaft, secure it in place by using the removed screw and washer.



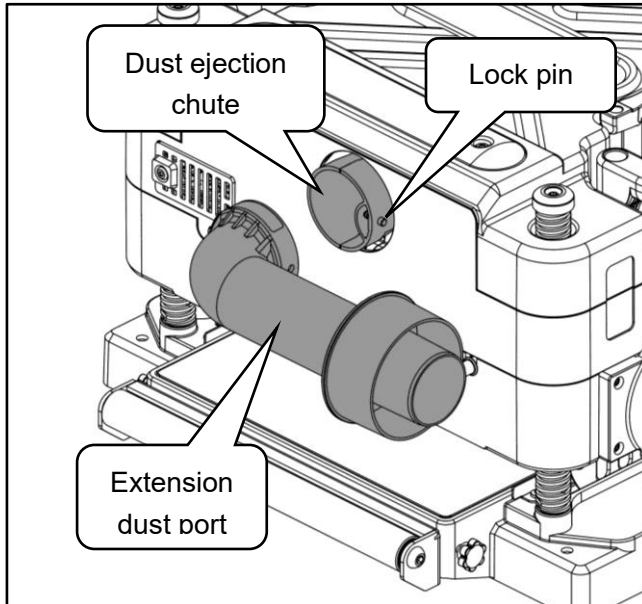
- Turn the height adjustment handwheel to raise the carriage. Remove the polystyrene insert located between the main table and the carriage. This polystyrene insert is packing material, to protect the machine during shipping.

If the table is covered with protective film, remove it before starting work.



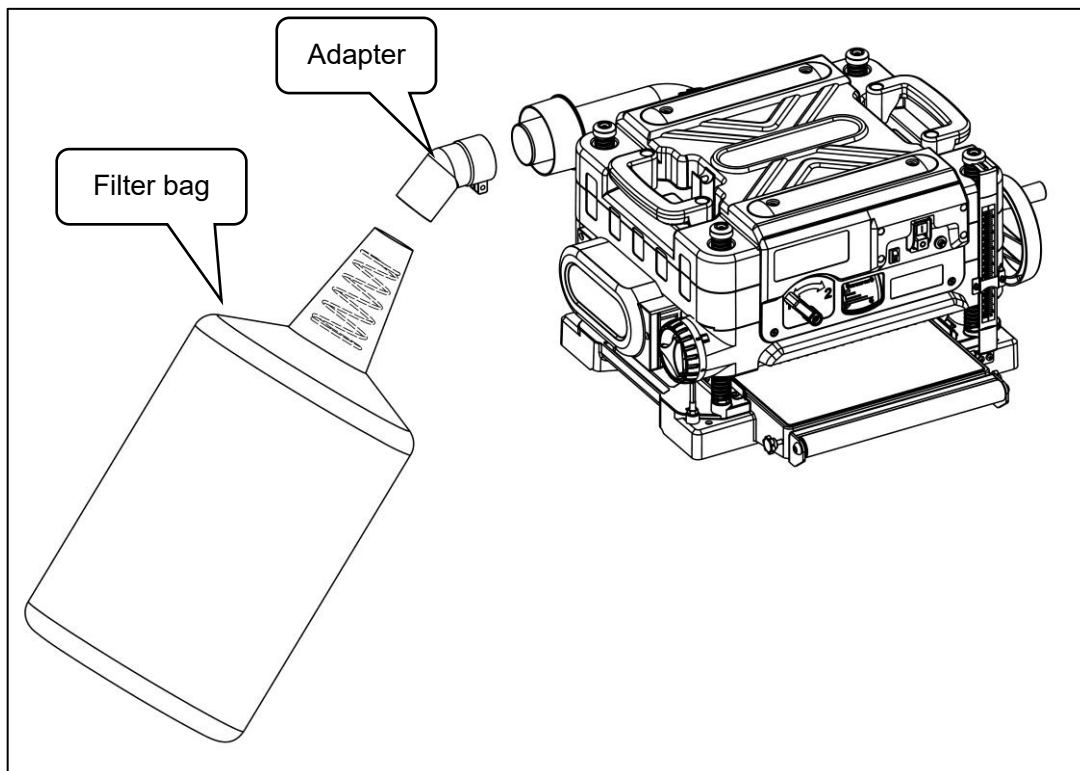
- Press the lock pin on the chip ejection chute, slide the notches in the extension dust port over the pin. Rotate the extension dust port until the lock pin engages the dust ejection chute and locks in place.

If the extension dust port needs be removed, use a screwdriver to depress the lock pin on the dust chute. Rotate the extension dust port until the pins are disengaged from the notches, then pull the extension dust port off the dust chute.



Slide the adapter onto the end of extension dust port. Tighten the pan head screw.

Open the zipper on the bottom of the filter bag, place the spring inside of the filter bag arm. Slide the arm with the spring over the adapter.

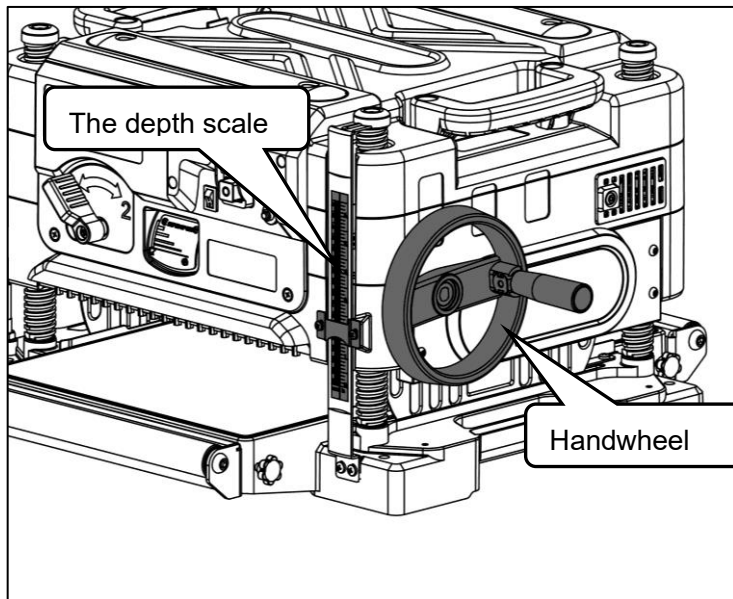


Using a dust extraction system is also recommended, that will provide a cleaner and safer working environment.

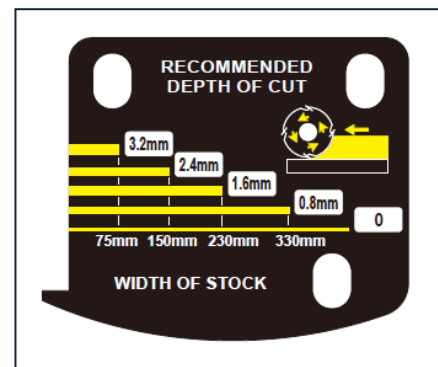
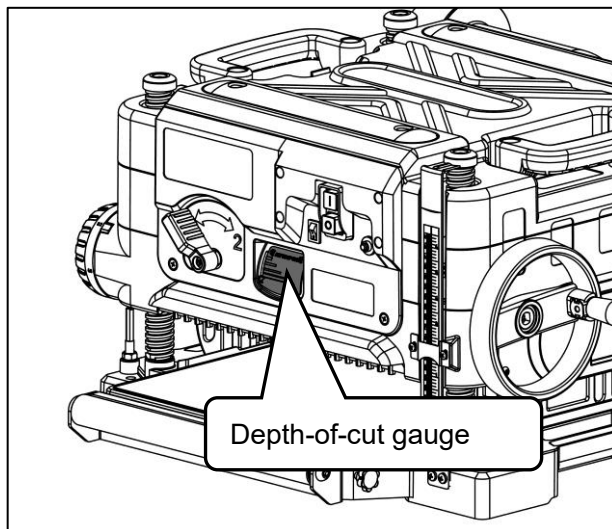
OPERATION

Observe the safety instructions and symbols on machine before operation.

- Rotate the handwheel for raising or lowering the cutterhead.
The depth scale shows the height of cutterhead above the main table.



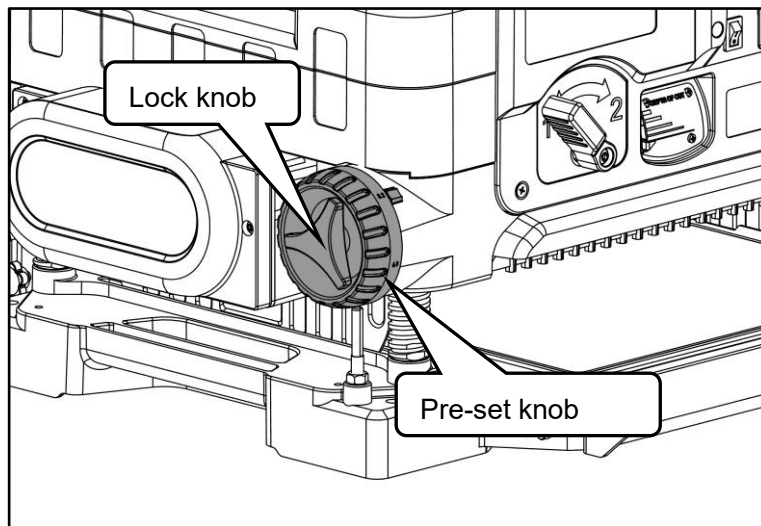
- The thicknesser is equipped with a depth-of-cut gauge. It is used to indicate the amount of wood that will be removed in one pass with the cutterhead set at its current height.



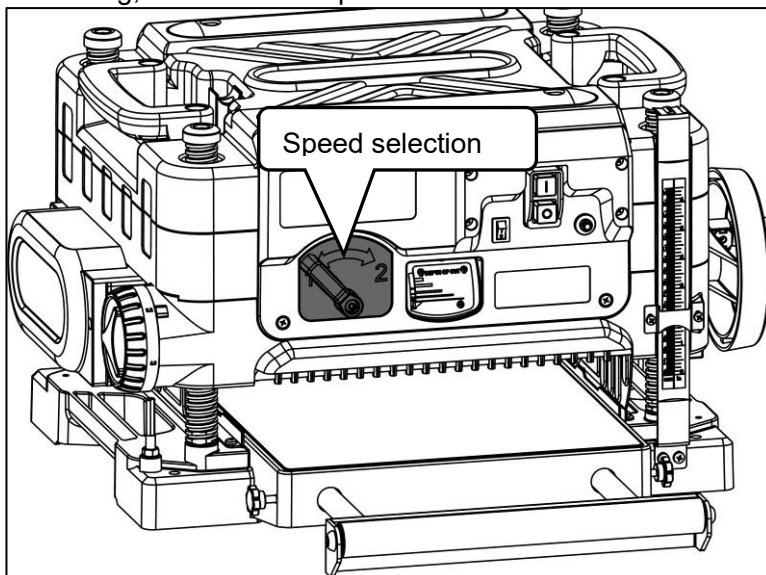
- A six-stop position workpiece thickness pre-set control knob is mounted on left side of planer. This knob allows to pre-set the desired finished workpiece thickness that the planer will produce.
 1. Be sure the carriage is set above 30mm before trying to set the pre-set stop.
 2. Loosen the lock knob and turn the control knob until the desired thickness setting aligns with the red indicator, then lower the carriage.
 3. Plane the workpiece at desired increments until the correct final thickness is achieved.

Note: To reset for a different depth, stop, properly raise the carriage. Turn the knob to desired set-up.

NOTE: Do not use force to lower the carriage below the level that the pre-set stop indicates. Permanent damage to the height adjustment system on your planer will result.



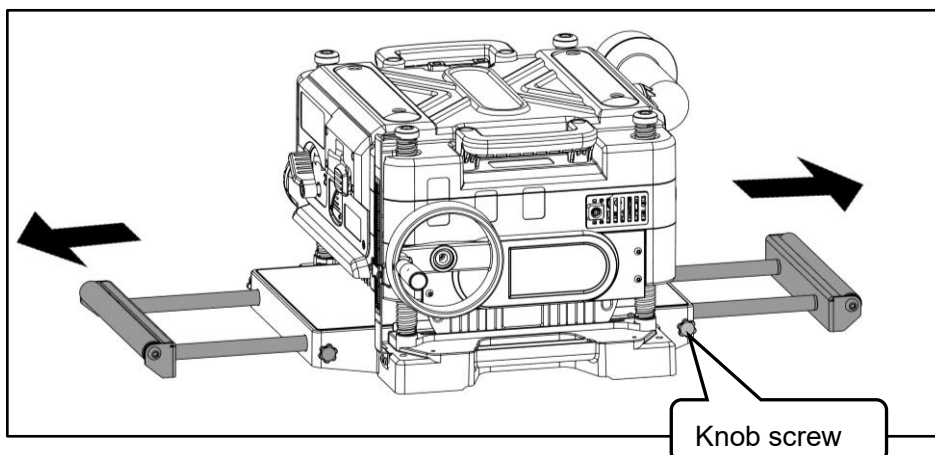
- The planer can feed material at two different speeds.
To remove material thickness more quickly, set the unit at speed "2".
For finishing, set the unit to speed "1".



NOTE: Only switch speeds when the planer is running.

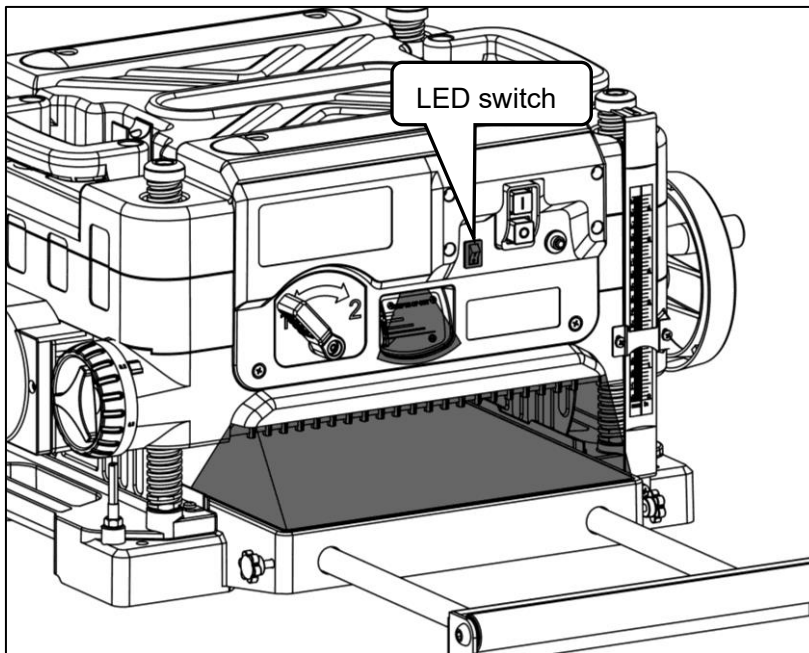
NOTE: When planing particularly hard or figured species of wood, speed "1" is recommended. The slower feed rate will reduce knife wear.

- The extension roller can be extended for support of long workpiece. Loosen the knob screws beside the table, pull the extension roller out and tighten the knob screws.

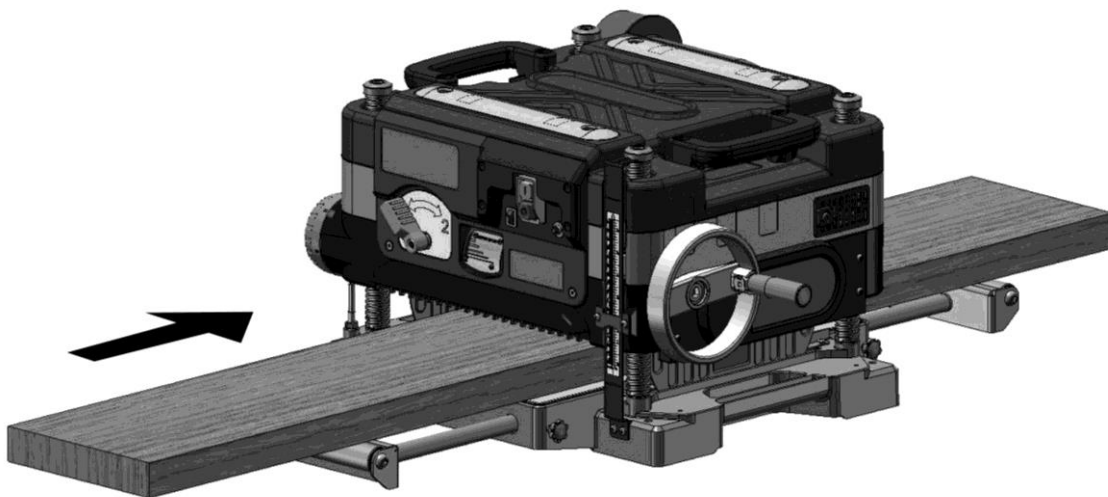


- The machine is equipped with two LED lights to provide additional illumination for the depth-of-cut gauge and infeed table.

If needed, turn on the LED switch.



- Adjust the depth of cut to make an initial light (0.5mm) cut.
Switch on the machine and wait until the motor has reached full speed.
Press the board against the infeed table and feed it into the machine.
Release the board when the machine starts to cut and let the board feed into the machine automatically.



Avoiding snipe

1. Snipe refers to a depression at either end of board caused by an uneven force on cutterhead when work is entering or leaving thickness planer.
2. Snipe will occur when boards are not supported properly or when only one feed roller is in contact with work at beginning or end of cut.
3. To avoid snipe, gently push the board up while feeding the work until the outfeed roller starts advancing it.

4. Move to the rear and receive planed board by gently pushing it up when the infeed roller loses contact with the board
5. When planing more than one board of the same thickness, butt boards together to avoid snipe.
6. Snipe is more apparent when deeper cuts are taken.

MAINTENANCE

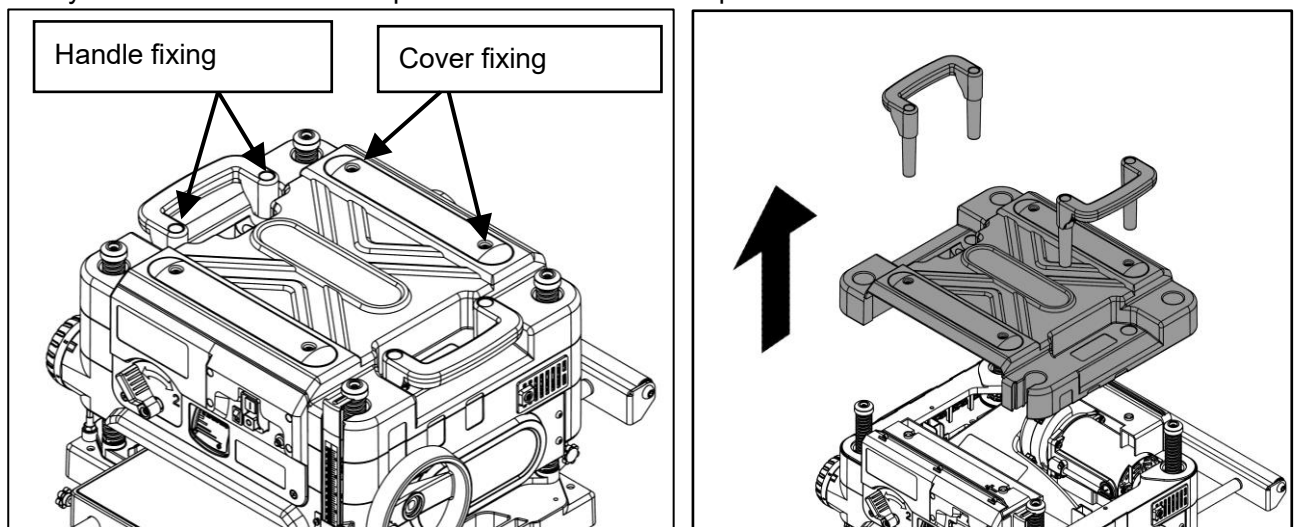
Warning: Turn off the machine and disconnect from the power supply before conducting maintenance work or settings.

To change the blades

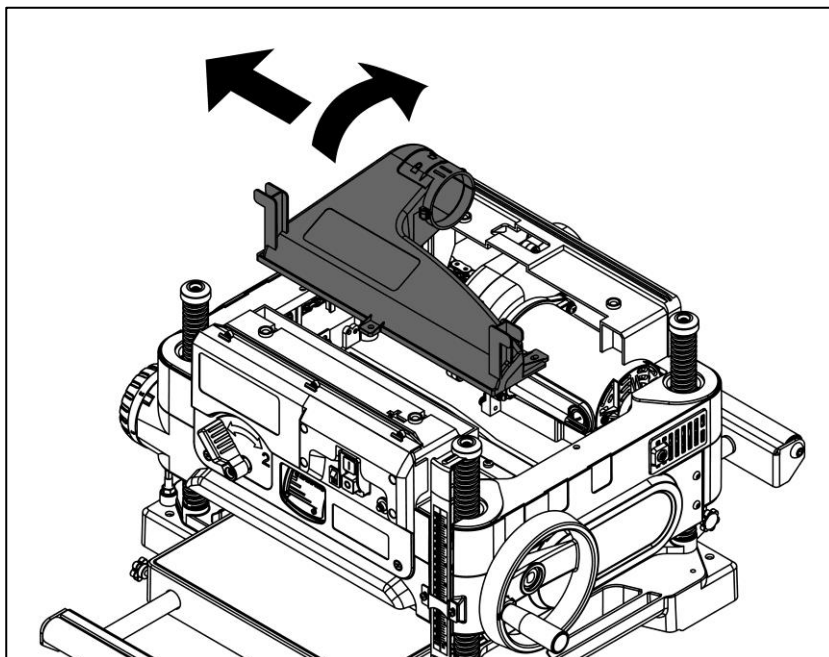
If the machine planes unevenly or tends to gouge, the blades must be changed.

To remove the blades, proceed as follows.

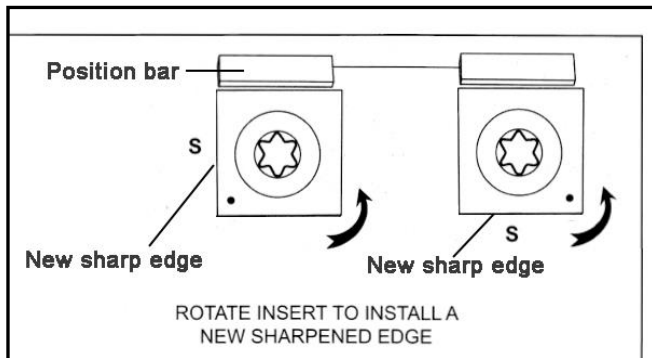
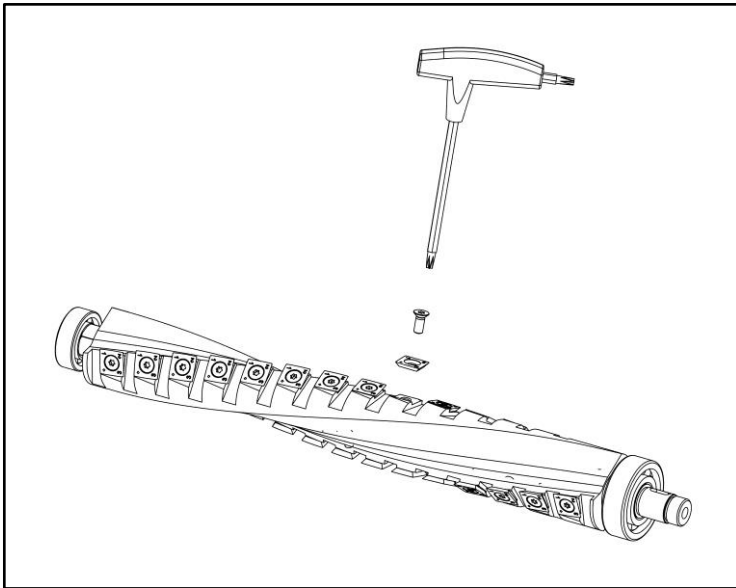
- Fully loosen the lift handle fixing screws and remove the two lift handles from the machine
- Fully loosen four screws on top cover and remove the top cover.



- Remove the dust shroud fixing screws. Rotate the dust shroud up so the round connection that locks onto the fan housing is in the open position. Push the dust shroud to the left so it disengages from the fan housing. Take the dust shroud out and set it aside.



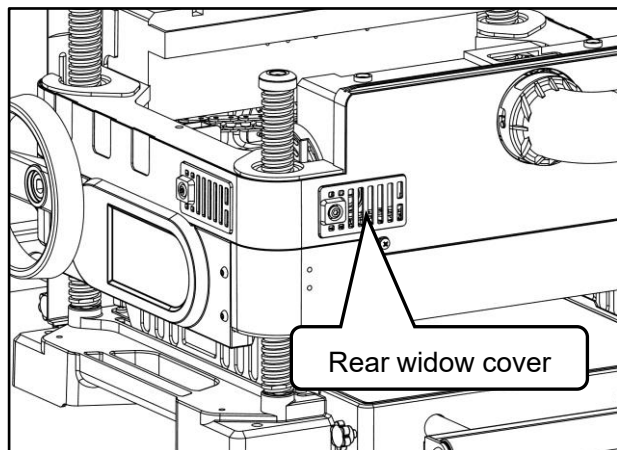
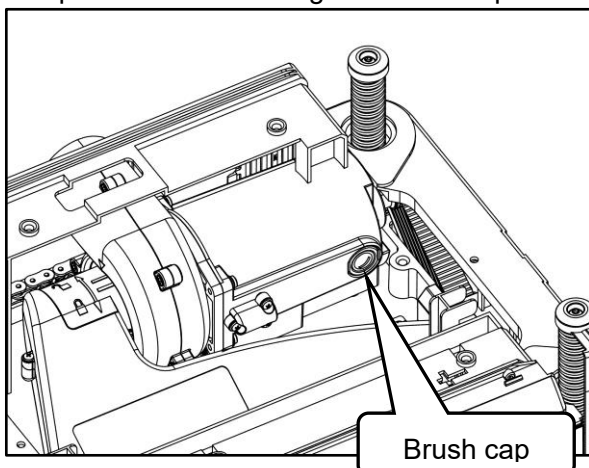
- Use the torx wrench to remove the helical knife and screw.
- Reverse or replace blade and carefully secure it with knife screw.



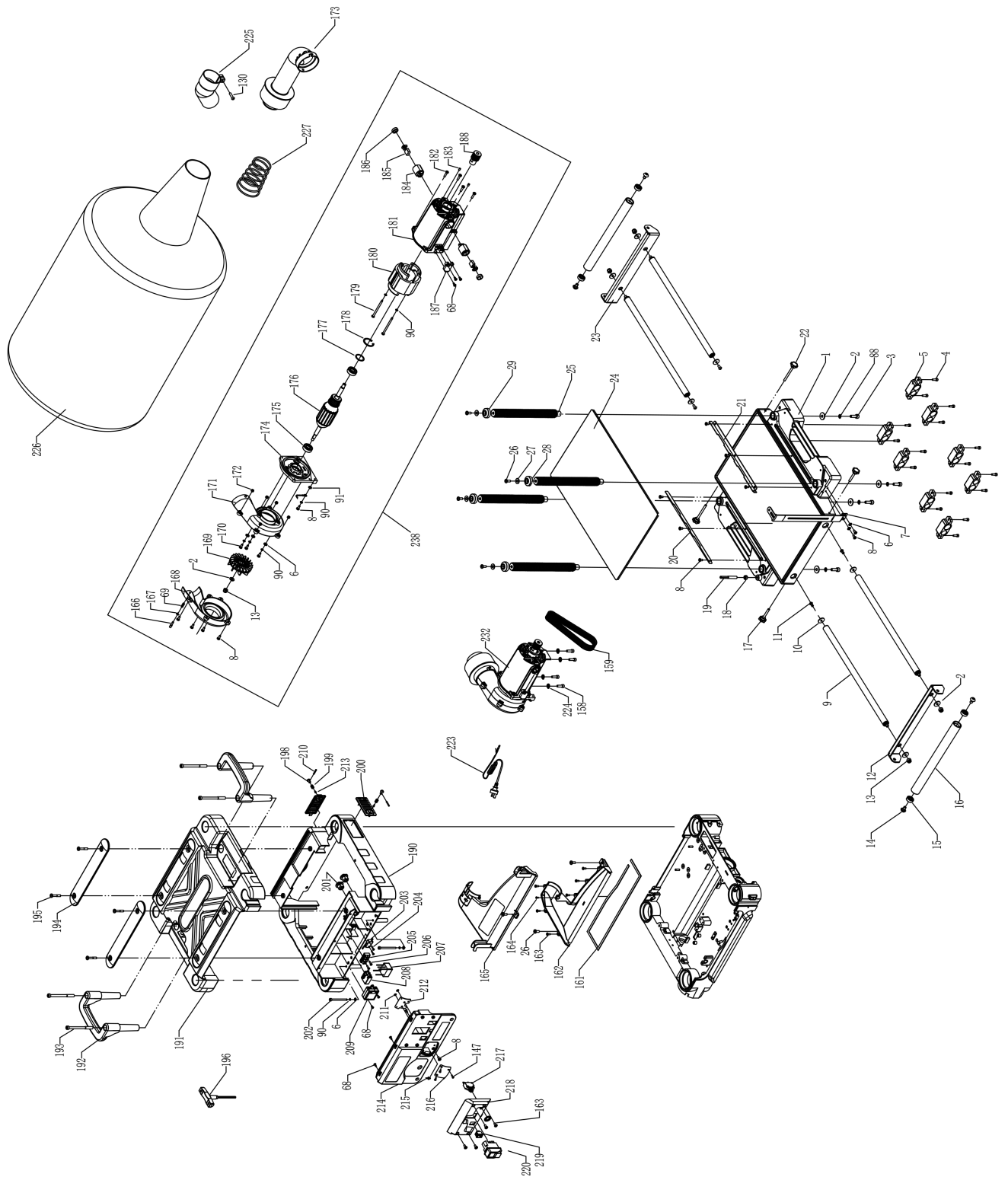
Brush inspection and replacement

WARNING: Turn planer off and disconnect from power source. Brush life depends on amount of load on motor. Regularly inspect brushes after 50 hours of use. Brushes are located on either side of planer motor.

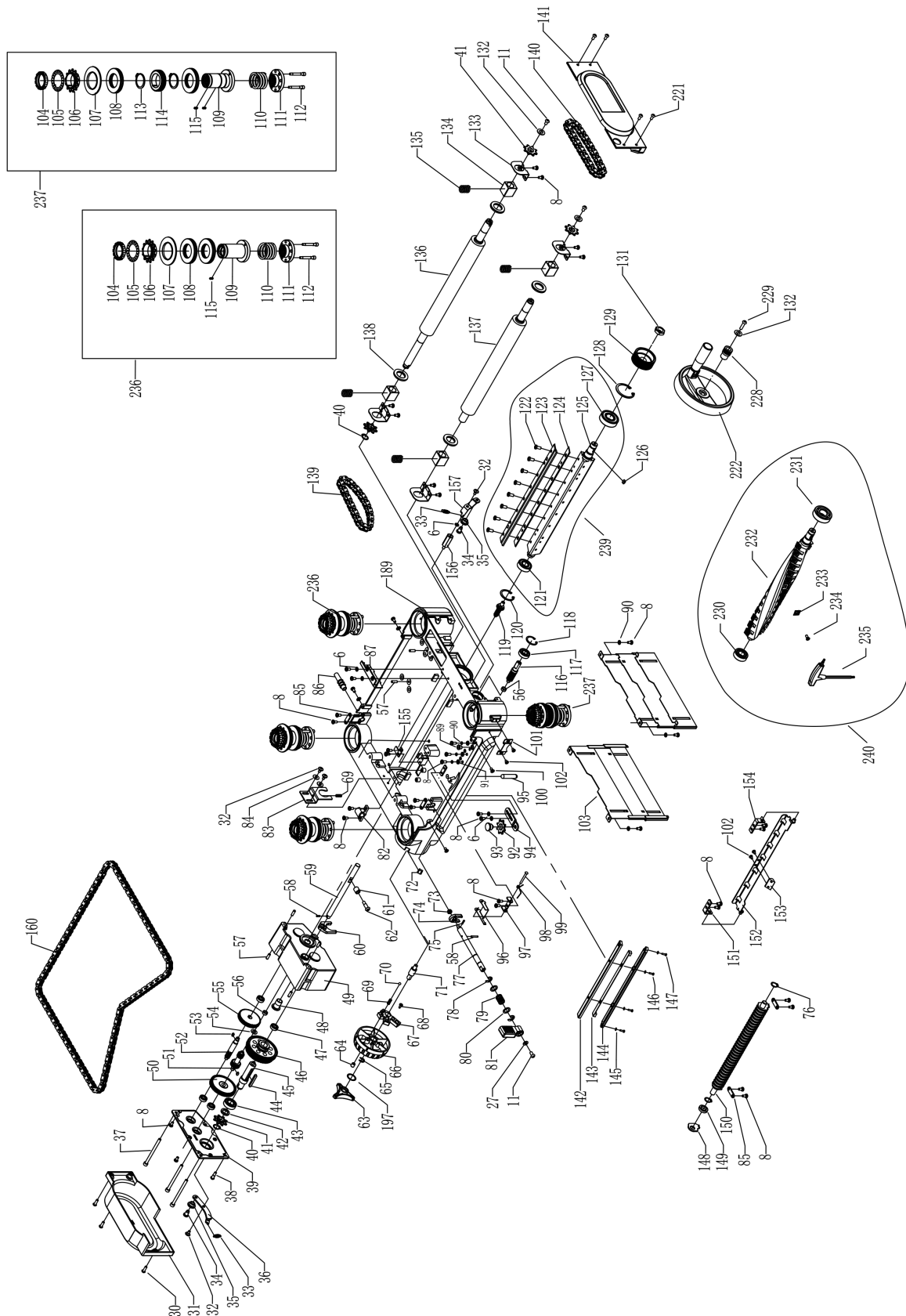
- Remove the top cover and take off the rear widow cover.
- Loosen brush cap and carefully remove brush from motor.
- Replace brushes if carbon is worn.
- Replace brushes and tighten brush caps.



ASSEMBLY DIAGRAM



This Thicknesser Includes Helical Cutter Head Only!



1	Base	1
2	Flat washer 8mm	10
3	Socket head screw M8X30mm	4
4	Socket head screw M5X16mm	16
5	Guide bracket	8
6	Flat washer 5mm	14
7	Scale plate	1
8	Pan head screw M5X12mm	56
9	Sliding rod	4
10	Flat washer	4
11	Socket pan head screw M6X12mm	7
12	Front extension roller support	1
13	Lock nut M8	5
14	Shoulder screw	4
15	Ball bearing 628-2RS	4
16	Extension roller	2
17	Knob screw M6X40	2
18	Hex nut M8	1
19	Stop rod	1
20	Left limiting plate	1
21	Right limiting plate	1
22	Knob screw M6X65	2
23	Rear extension roller support	1
24	Table	1
25	Elevating screw	4
26	Socket pan head screw M6x16mm	7
27	Flat washer 6mm	5
28	Screw top cover A	1
29	Screw top cover B	3
30	Socket pan head M5x16	3
31	Chain cover	1
32	Shoulder screw	4
33	Spring	2
34	Shaft	2
35	Tension wheel	2
36	Tension wheel support	1
37	Socket head screw M6X85	3
38	Shoulder screw	1
39	Gear box cover	1
40	External retaining ring 15mm	2
41	Sprocket	4
42	Flat washer	1
43	Ball bearing 6002-2RS	1
44	Key 5X5X40mm	1
45	Shaft	1
46	Combined gear 80-73T	1
47	Ball bearing 698-2RS	4
48	Bushing	1
49	Gear box	1
50	Gear 67T	1
51	Combined gear 22-14T	1
52	Gear shaft 9T	1
53	Key 4X4X8mm	2
54	Flat washer	1
55	Gear 57T	1
56	Copper bushing	2
57	Pin 5X12mm	6
58	Spring pin 3X20mm	2
59	Pawl rod	1
60	Pawl rod	1

61	Bushing	1
62	Shoulder screw	1
63	Lock knob	1
64	Set screw M8X10mm	1
65	E type retaining ring 8	1
66	Depth stop adjusting knob	1
67	Depth stop block	1
68	Self threading screw 4.2-1.4X9.5mm	9
69	Spring	3
70	Steel ball 6mm	1
71	Shaft	1
72	Pointer	1
73	Lock nut M6	1
74	Pawl	1
75	Spring pin 3X112mm	1
76	External retaining ring 12mm	2
77	Shaft	1
78	E type retaining ring 9mm	2
79	Spring	1
80	Flat washer	2
81	Feeding speed adjusting knob	1
82	Bushing	1
83	Cutterhead locking plate	1
84	Flat washer 6mm	2
85	Rubber bushing clamp	4
86	Rubber bushing	1
87	Cord protecting plate	1
88	Lock washer 8mm	4
89	Rubber bushing	1
90	Lock washer 5mm	15
91	Serrated washer 5mm	4
92	Tension sprocket	1
93	Rivet	1
94	Tension sprocket support	1
95	Round ending pin	1
96	Cutting depth pointer	1
97	Pointer base	1
98	Spring	1
99	Rivet	1
100	Flat head screw M5X12	2
101	Cutting depth scale	1
102	Pan head screw M4x8	4
103	Side cover assembly	2
104	Round nut	4
105	Tab washer	4
106	Sprocket	4
107	Cover plate	4
108	Thrust bearing	8
109	Elevating nut	4
110	Spring	4
111	Adjusting nut	4
112	Socket head screw	8
113	External retaining ring 35mm	2
114	Helical gear 36T	1
115	Key 3X3X10mm	5
116	Helical gear 9T	1
117	Ball bearing 6001-2RS	1
118	Internal retaining ring 28mm	1
119	Driving gear	1
120	Internal retaining ring 35mm	1

121	Ball bearing 6202-2RS	1
122	Socket pan head screw M6X14	24
123	Blade clamp	3
124	Blade	3
125	Cutterhead	1
126	Key 5X5X10mm	1
127	Ball bearing 6204-2RS	1
128	Internal retaining ring 47mm	1
129	Spindle pulley	1
130	Socket pan head screw M6X20	1
131	Hex nut M16X1.5	1
132	Flat washer 6mm	3
133	Retainer	4
134	Bearing block	4
135	Spring	4
136	Outfeed roller	1
137	Infeed rouller	1
138	Gasket wahser	4
139	Chain	1
140	Chain	1
141	Right chain cover	1
142	Light lower cover	1
143	Led light	1
144	Light upper cover	1
145	Flat washer 3	4
146	Pan head screw M3X12	2
147	Pan head screw M3X10	5
148	Anti-kickback finger	35
149	Spacer	34
150	Shaft	1
151	Left support plate	1
152	Touch plate	1
153	Link block	1
154	Right support plate	1
155	Rod limiting plate	1
156	Hex bar	1
157	Tension wheel support B	1
158	Socket head screw M6×20	4
159	Belt	1
160	Chain	1
161	Gasket strip	1
162	Lower dust shroud	1
163	Self threading screw 4.2-1.4X13mm	10
164	Self threading screw 2.9-1.1X9.5mm	1
165	Upper dust shroud	1
166	Lock pin	1
167	E type retaining ring 5mm	1
168	Left fan housing	1
169	Fan	1
170	Pan head screw	3
171	Right fan housing	1
172	Lock nut M5	5
173	Adapter	1
174	Front cover	1
175	Ball bearing 6201-2RS	2
176	Rotor	1
177	Wave spring washer	1
178	Internal retaining ring 32mm	1
179	Self threading screw 4.8-1.6X70mm	2
180	Stator	1

181	Motor case	1
182	Hex head bolt M5X16	4
183	Set screw M5X8mm	2
184	Brush holder	2
185	Carbon brush	2
186	Brush cover	2
187	Cord clamp	1
188	Motor pulley	1
189	Carriage	1
190	Carriage cover	1
191	Top cover	1
192	Lifting handle	2
193	Socket head screw M8X105mm	4
194	Return plate	2
195	Socket pan head screw M6X35mm	4
196	T wrench	1
197	Wave spring washer	1
198	Pin	2
199	Spring	2
200	Cover plate	2
201	Strain relief	2
202	Socket head screw M5X65	2
203	Micro switch	1
204	Self threading screw 2.9-1.1x16mm	2
205	Terminal block	1
206	Self threading screw 3.5-1.3X16mm	2
207	Filter	1
208	Soft starter	1
209	LED driver	1
210	Pin 3x24mm	2
211	Retaining ring	2
212	Locking plate	1
213	Pan head screw M3X5mm	2
214	Front cover	1
215	Scale light	1
216	Cutting depth scale	1
217	Overload protector	1
218	Switch mounting plate	1
219	Led light switch	1
220	Main switch	1
221	Socket pan head screw M5X10mm	4
222	Handwheel assembly	1
223	Power cord	1
224	Lock washer	4
225	Extension dust port	1
226	Dust bag	1
227	Spring	1
228	Handwheel bushing	1
229	Socket pan head screw M6X25	1
230	Ball bearing 6202-2RS	1
231	Ball bearing 6204-2RS	1
232	Helical cutterhead	1
233	Knife	30
234	knife screw	30
235	Torx wrench	2
236	Elevating nut assembly	3
237	Drive elevating nut assembly	1
238	Motor assembly	1
239	Straight blade cutterhead assembly	1
240	Helical cutterhead assembly	1

Importer:

TOOLSAVE LTD

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

Declare that the product:

**Designation: 13" Helical Portable
Thicknesser**

Model: PT1800H

Directive 2014/30/EU

**Health and safety requirements
of the supply of machinery
Regulations 2008 UKCA**

Directive 2006/42/EC

Standards & technical specifications referred to:

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019/A2:2024

EN 61000-3-3:2013/A2:2021

EN 61029-1:2009/A11:2010

EN 61029-2-3:2011

BS EN ISO 13857:2019

Authorized Technical File Holder: Bill Evans

01/06/2025

The Director

