

AXMINSTER

WORKSHOP

Codes: 108512 / 113347

Original Instructions

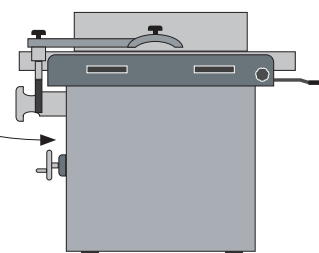
AW2260S & AW3310S Planer Thicknesser



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The machines **Serial Number** is located on the specification label as shown.



WHAT'S IN THE BOX

A	Bridge Guard Arm
B	Bridge Guard
C	Fence Bracket Assembly
D	Fence & Fence Support Arm
E	TORX Key Handle
F	Spring Metal Plate for Bridge Guard
G	x 1 Push Pad Guide Blocks
H	x 4 Cap Head Hex Bolts for Fence Bracket Assembly
I	x 2 M6 Eye Bolt Lifting Rings
J	x 5 Hex Keys
K	x 4 Threaded Feet
L	AW2260S Planer Thicknesser

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



Fully read manual
and safety instructions
before use



Ear protection
should be worn



Two Man
Assembly



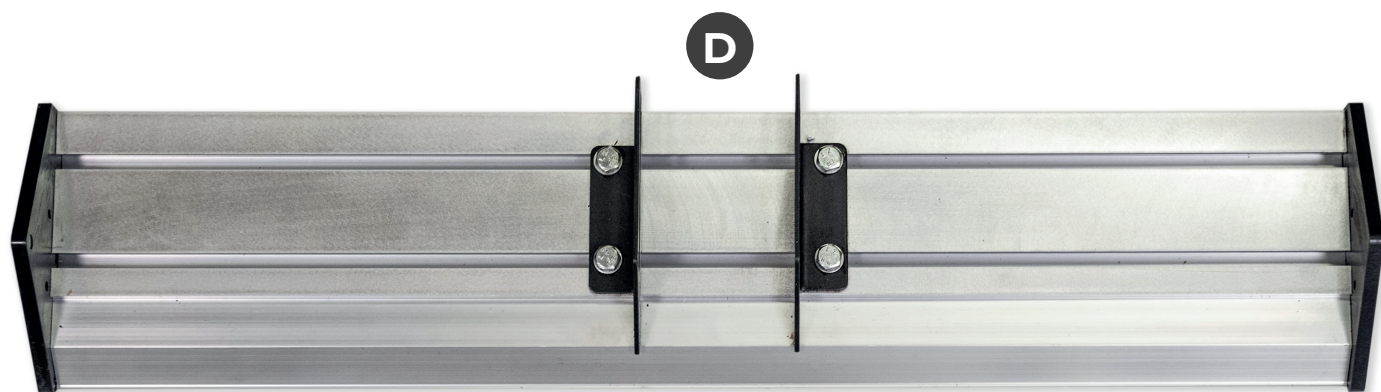
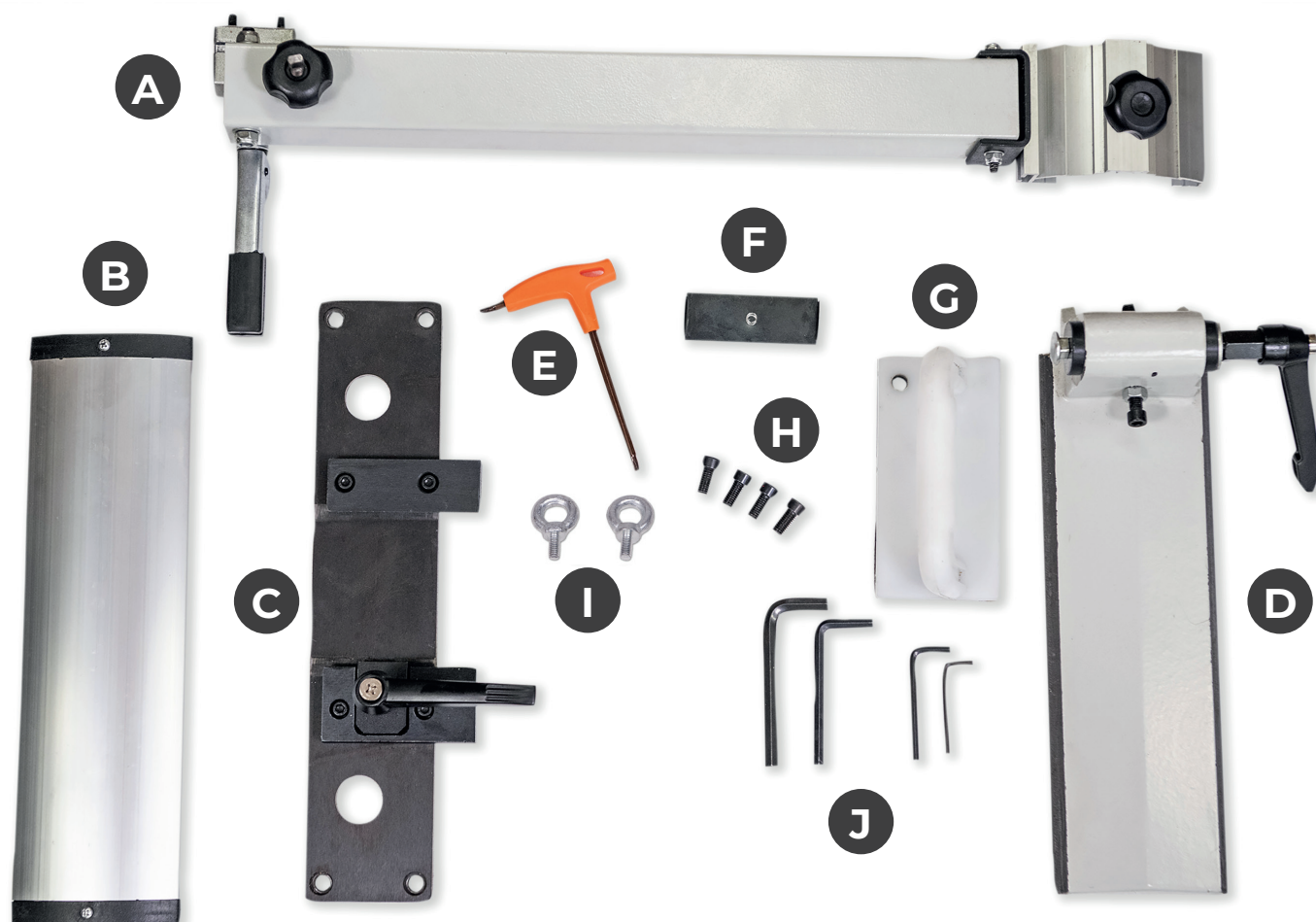
Eye protection
should be worn



Dust mask
should be worn



HAZARD



SAFETY

The following is a list of safety precautions you must consider when using a Planer/Thicknesser:



ALWAYS REMEMBER TO DISCONNECT THE POWER TO THE PLANER/THICKNESSER WHEN MAKING REPAIRS OR ADJUSTING BLADES AND GUARDS.



ALWAYS REMEMBER TO READ THROUGH THE MACHINE INSTRUCTIONS SUPPLIED.

- Eye protection, ear protection, respiratory protection and chip extraction are highly recommended when operating this machine.
- Do not wear gloves, loose clothing, jewellery, or any dangling objects when operating a planer and ensure that long hair is tied up out of the way.
- All guards must be in place and fully operational. If a guard seems to be missing or damaged, adjust, replace or repair immediately.
- Ensure that all visible electrical components (cables, switches) are in good condition without damage.
- Hands and fingers must be kept clear of the blades - push blocks are highly recommended.
- Use only the recommended blade size & type.
- Ensure all blades are sharp & in good condition.
- The blades must be adjusted in accordance with the instruction manual.
- Never thickness plane small pieces - 12" in length minimum.
- Long material should be supported at the same height as the planer or thicknesser table.
- Ensure you are comfortable before you start work, balanced, not over reaching.
- Do not use the machine if you are under the influence of drugs or alcohol, tired or distracted.
- Do not allow children to operate the machine - without adult supervision.
- Do not use the machine in an excessively damp or wet environment.
- Never leave the machine unattended when it is running.
- Keep the machine table and surrounding work area free from excessive dust & debris to help prevent slipping or tripping.
- Ensure that the machine is stable on the floor and wheel bases are locked off.
- More safety information can be found at: **<http://www.hse.gov.uk> › pubns › wis17**

Fitting the Feet

NOTE: You will need to remove the motor drive guard housing to the rear of the planer thicknesser to gain access to the inside of the machine. Loosen the three screws to each side of the housing assembly and place safely to one side, see Image 1 & 2.

Undo and remove the four nuts holding the machine to the pallet. Locate the four feet (L), remove one of the nuts on each foot and place safely aside. Insert the threaded feet up through the elongated holes to each corner of the machines base and secure using the nuts you removed earlier, see Image 3.



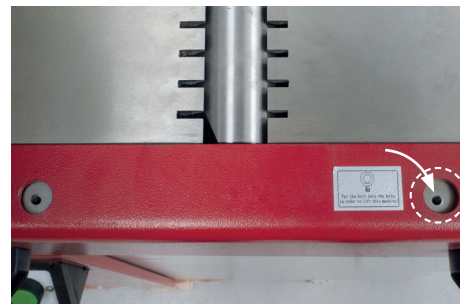
Removing Machine from Pallet



DO NOT LIFT BY THE TABLES - WHEN REMOVING THE MACHINE FROM THE PALLET USE THE METHODS SHOWN BELOW!



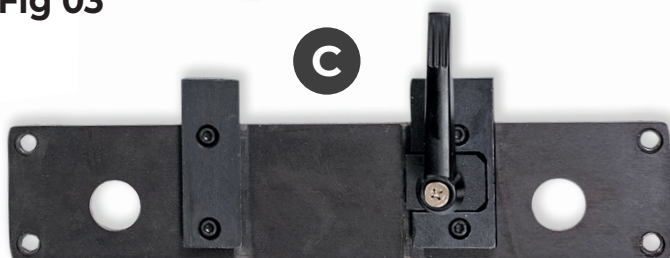
Method 1: Put two substantial lengths of timber (4"x2") under the thicknesser table & either side of the column. With assistance, lift both ends of the timber up carefully & equally, then place the planer down into its final position on a level floor or on to a wheel base.



Method 2: On either side of the surface tables there are two pre-drilled threaded holes. Screw a lifting ring bolt (I) into one of these holes, repeat for the opposite side. Attach lifting straps to the eye bolts and using a lifting device, lift the machine clear of the pallet and place the unit on a flat level surface.

Fitting the Bracket & Fence Assembly

Fig 03



5

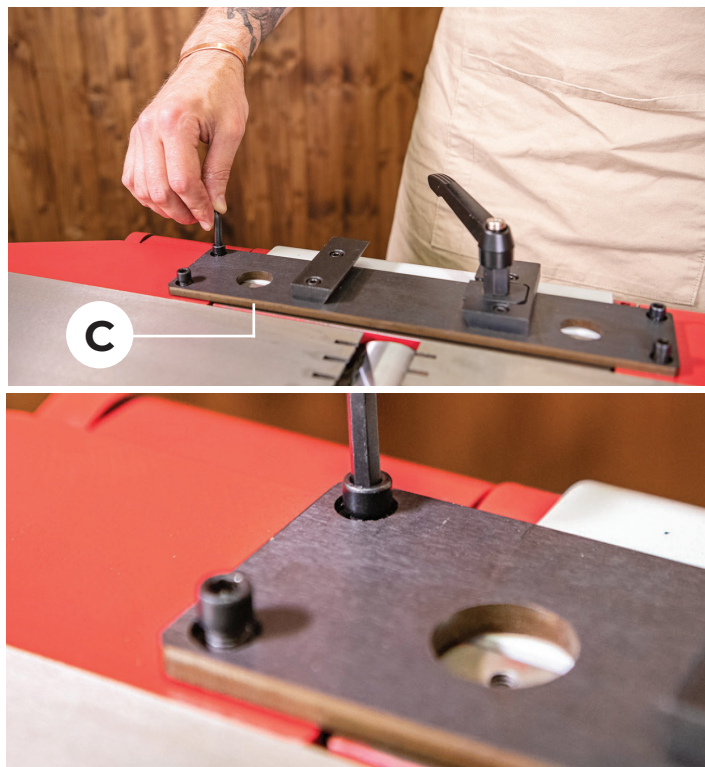
Fig 04

D



Continues over...

Fig 05-06



1. Line up the bracket mounting (C) with the four holes on top of machine, see fig 05.
2. Use the four cap head bolts to secure, see fig 06.

Fig 07

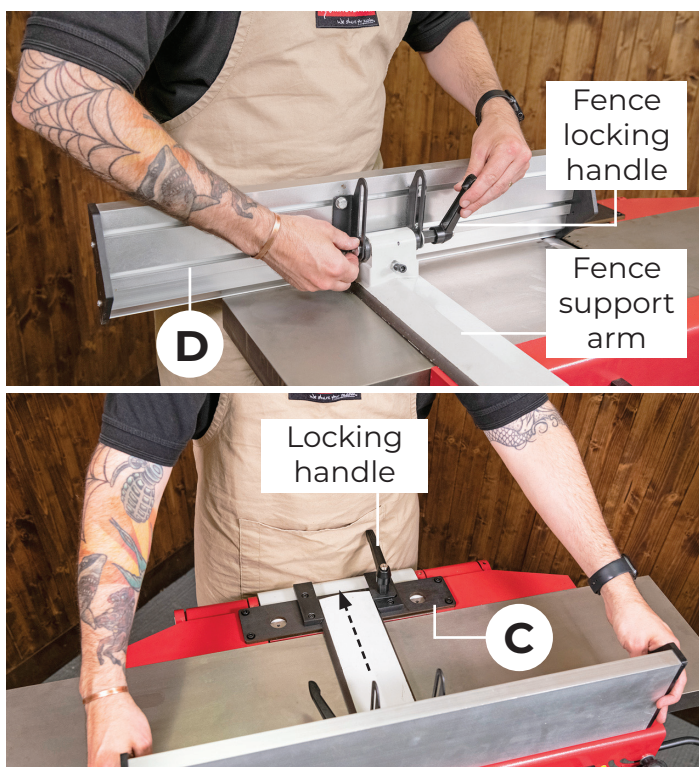


3. Tighten with a 6mm hex key, see fig 07.

Fitting the Fence Assembly

1. Attach the fence (D) to the fence support arm and secure with the locking handle, see fig 08.
2. Slide the fence assembly into the fence mounting bracket (C) Secure the fence with the locking handle, see fig 09.

Fig 08-09



Bridge Guard Arm & Guard Cover Assembly

Fitting the bridge guard arm (A) and bridge guard (B), level/parallel with the outfeed table, see fig 10-11

1. Line up the two pre-drilled holes in the bridge guard arm mounting bracket (A) with the with the two threaded holes to the side of the outfeed table, see fig 12.

Fig 10-11

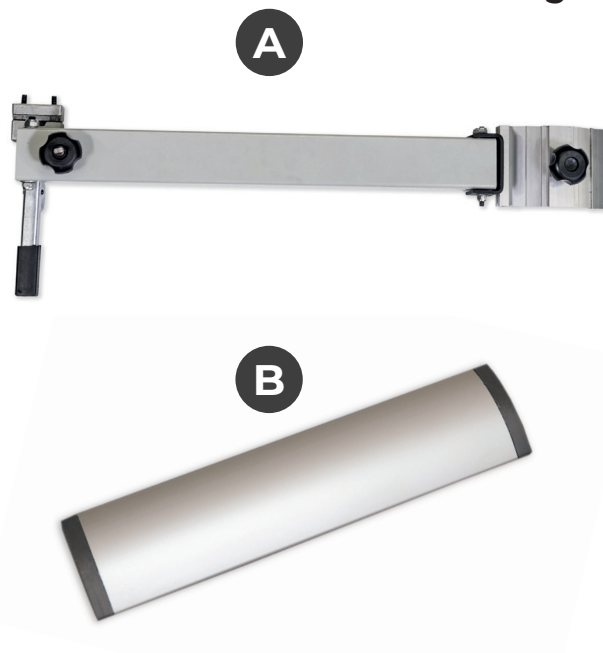
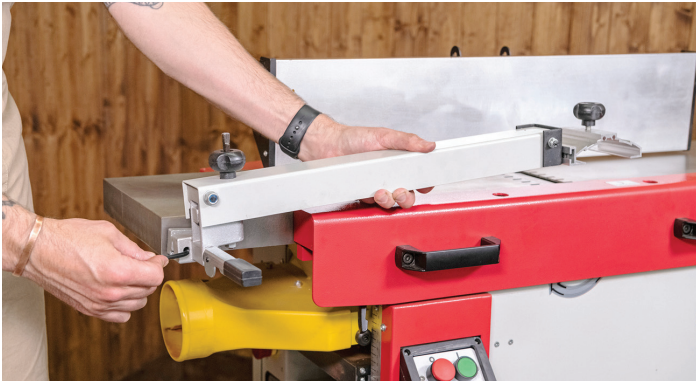
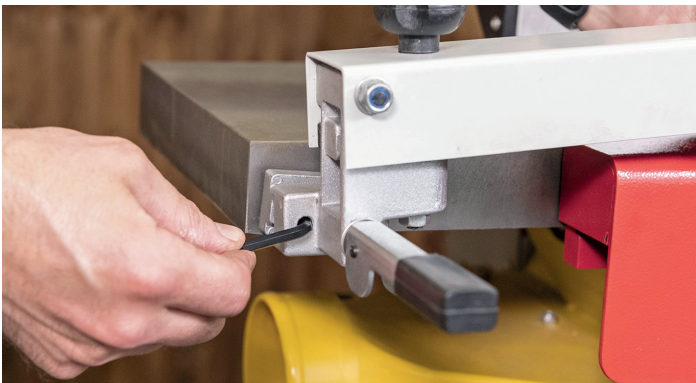


Fig 12



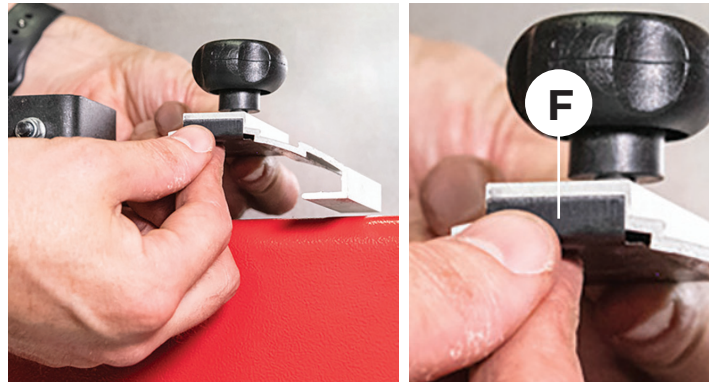
2. Insert the hex key into the two holes in the guard arm bracket and nip-up the screws to secure the bridge guard arm in place, see fig 13.

Fig 13



3. Locate the spring metal plate (F), insert the plate with the angled ends facing upward into the cradles recess in the mounting plate holder. Press the clips home see fig 14-15.

Fig 14-15



4. Slide the bridge guard (B) into place and secure with the locking knob, see fig 16.

Fig 16



SET UP

- Ensure that the machine has sufficient space around it to fully function & is stable on the floor & the wheel kit is locked off. Degrease tables & cutter block - recommended is the Liberon wax & polish remover, see fig 17-18.

Fig 17-18



SET UP

Tables, Level & Set Scales

- Firstly let's set up the planing (top) parts of the machine, the tables including the depth of cut scale & the all important fence.
- Place a straight edge or clean spirit level at least 3ft long on the outfeed table, ensure that it is in the middle of the table and is just off centre towards the outfeed table, see fig 19.

Fig 19

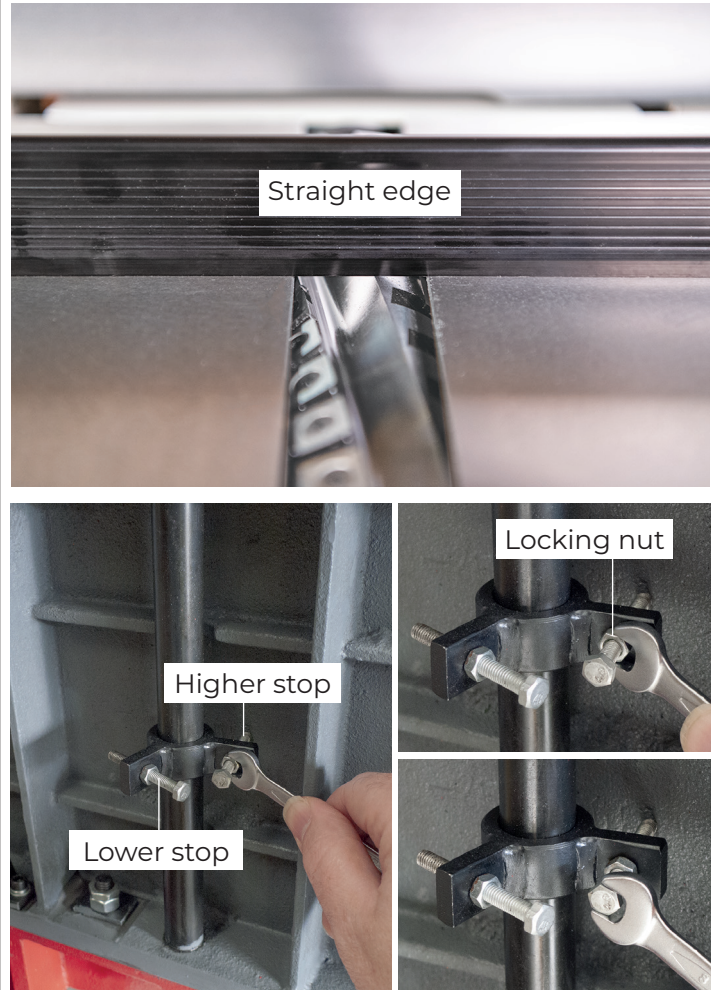


- Raise the infeed table up to meet the underside of the straight edge, see fig 20 this should come to a positive stop bringing both tables level with each other. If the infeed table stops higher or lower than the outfeed table then adjustment can be made via the bolt stop, see fig 21-22.

Fig 20



Fig 21-22



- Once the infeed and outfeed tables are level then set the pointer to zero on the scale, see fig 23.

Fig 23



Fence Set Up

- Position the fence around half way across the table & lock in place. Then place a reliable square on the table & against the fence, just beyond the cutter block, see fig 24.

Fig 24



- Check to see if the fence is square (90deg) to the table, if not adjustments are made by firstly unlocking the fence tilt clamp handle, then slacken the adjuster screw lock nut, see fig 25. If a gap is at the top of the square then wind the adjuster Hex screw out, if the gap is at the bottom then wind the adjuster screw in. Ensure that all is locked in place once adjustments have been made then set the pointer to zero, see fig 26.

Fig 25

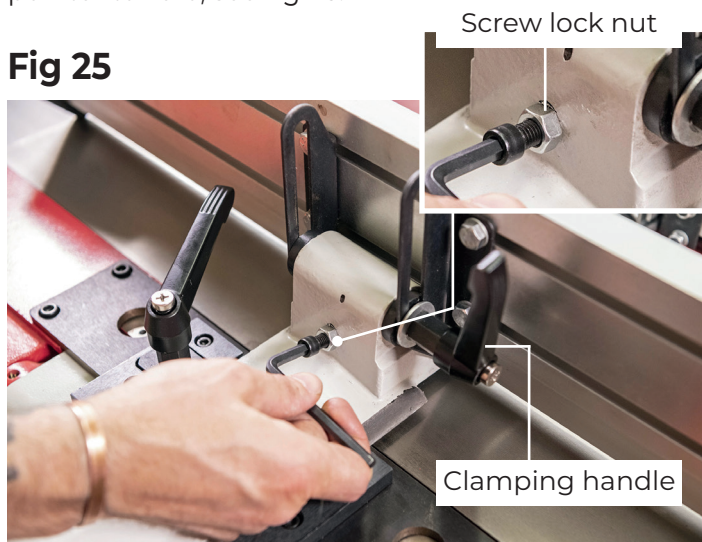
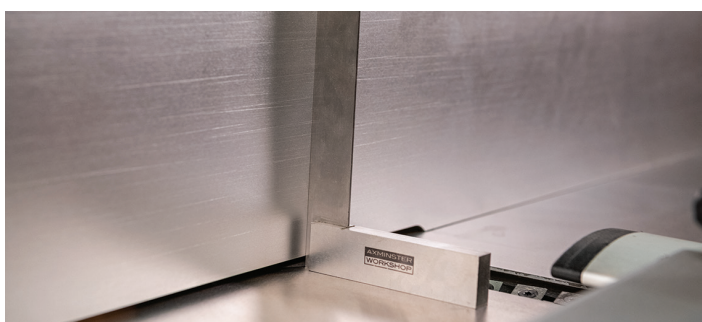


Fig 26



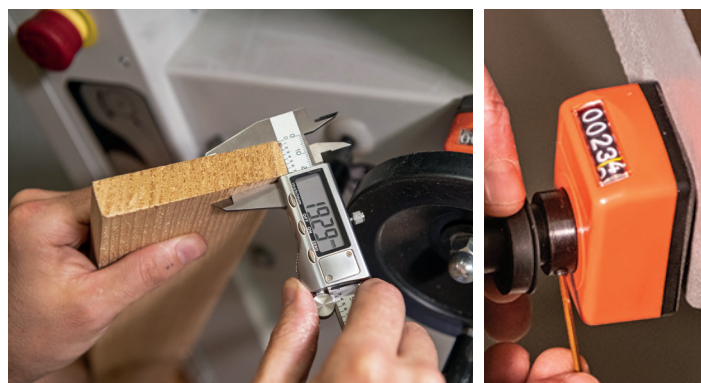
Thicknesser Scale

- Following the planing/thicknessing operation instructions on page 10. Machine a piece of timber so that it has two clean & parallel faces, at this point leave the thicknessing table locked in position, see fig 27. Accurately measure the dimension of the timber across those faces then set both the digital scale & pointer scale to that dimension, see fig 28-29.

Fig 27



Fig 28-29



- Wax both tables, connect extraction hose & you are all set, see fig 30.

Fig 30



GENERAL USE / OPERATION

Planing Operation (Surfacing)



ALWAYS ENSURE THAT THERE IS ADEQUATE CLEARANCE TO ALLOW FULL THROUGH FLOW OF TIMBER BOTH BEFORE & AFTER THE CUT. ENSURE THAT THE TIMBER IS FULLY SUPPORTED AFTER THE CUT.

- Ensure all guards and extraction hoods are in place correctly before you start the machine.
- Check that all accessories, tools etc., which have been used to set the machine up, are removed and set carefully aside or stowed away correctly.
- Disengage the feed rollers(push down to the left & hook under), see fig 31.

Fig 31



- Check that there are no foreign objects e.g. old nails, screws, small stones etc. embedded in the material you are about to plane.
- Select the wider face. (The first planing operation). If possible, ensure that you are not planing against the grain and that if the timber is bowed, that the back of the bow is uppermost (crown up). Try to ensure that the timber is as stable on the table as possible!, see fig 32.

Fig 32

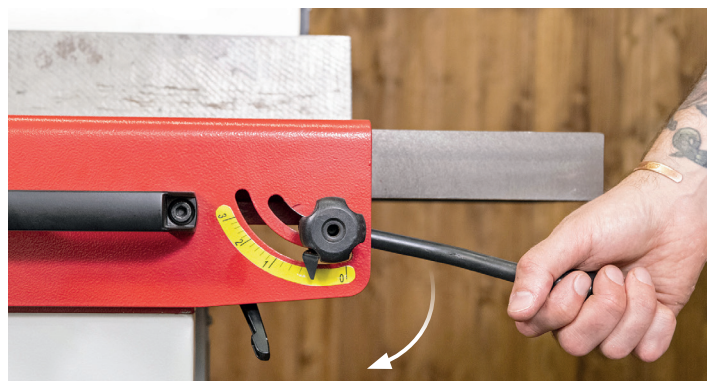


Fig 33-34



- Set the fence, leaving sufficient exposed width of planer blades for you to machine the largest dimension of the workpiece, see fig 33.
- Set the bridge guard to 'just' clear the workpiece allowing it to pass underneath the bridge guard but, covering the whole of the exposed part of the cutter block, see fig 34.
- Lower the infeed table to give the required depth of cut/material removal, see fig 35. (e.g. more to work badly distorted or very roughly finished timber, less to 'finish' a fine straight cut off a saw?).

Fig 35



- Press the green start button; allow the machine to run up to speed.

- Put the work piece onto the infeed table and advance over the cutter block. Maintain a steady feed speed and constant downward pressure (usually on the outfeed table just past the cutter block) on the timber whilst feeding, and 'skip' your hands over the bridge guard when you reach it – **use push blocks where possible**. Make as many passes as required to render the timber clean, flat and straight, see fig 36.

Fig 36



- Press the red stop button and let the machine run to a stop.

Edging - The First Squaring Operation.

- Select the straightest edge or the edge that is the most stable on the table.
- Put the selected edge down on the table also putting the freshly planed surface against the fence. Ensure that, if possible, you are not planing against the grain and that if the timber is bowed, that the back of the bow is uppermost, see fig 37-38-39.

Fig 37-38-49



- If necessary, alter the infeed table to increase or decrease the depth of cut. It is usually possible to remove more material when edging than when surfacing.
- Set the fence, leaving sufficient exposed width of planer blades for you to machine the edge of the workpiece, see fig 40.

Fig 40



- Lower the bridge guard to cover over the cutter block then adjust it to allow the timber to pass through without snagging, see fig 40.

GENERAL USE / OPERATION

- Place the workpiece onto the infeed table and push up against the fence.
- Press the green start button, allow the machine to run up to speed then advance the timber over the cutter block. Maintain a steady feed speed and constant downward pressure and side pressure against the fence whilst feeding; ensure that fingers are kept high up on the top of the timber. Make as many passes as required to render the wood flat, straight and square, 41-42.

Fig 41-42



- When you have finished, the cut press the red stop button and let the machine run to a stop.
- You should now have 2 straight, clean, flat surfaces that are square to each other, see fig 43.

Fig 43



Thickening

- Release the two table lock cam handles located at either side of the machine (twist & pull), then using the handle lift the tables up fully to a stop, see fig 44-45-46. Swing over into place the yellow guard/extraction hood, see fig 47.

Fig 44-45-46-47



- Measure the largest/thickest section of the timber and set the thickener bed to this dimension using the depth scale on the side of the machine. It is perfectly ok to thicken the narrow edge of the timber, a minimum of 20mm is recommended, see fig 48.

Fig 48-49



- Engage the feed rollers (push down to the right & allow to move upwards), see fig 49.
- Press the green start button and allow the cutter block to run up to full speed.
- Place the material so that the already machined face is down, i.e. in contact with the thicknessing bed, and you are not, if possible, cutting against the grain.
- Push the material firmly into the machine until the feed roller 'picks up' the material and moves it through the machine, see fig 50.

Fig 50-51



- Move around to the 'back' of the machine and support the timber to prevent it falling to the floor. When the machining pass is complete measure the dimension you have just cut and calculate how much more material you have to remove to reach the required size, see fig 51.
- Raise the thicknessing bed for the new cut.



NOTE. ONE COMPLETE TURN OF THE CRANK HANDLE RAISES (OR LOWERS) THE BED APPROXIMATELY 2MM.

Repeat the process until you reach your required material thickness.



IMPORTANT - WIDER OR HARDER BOARDS WILL REQUIRE MORE LIGHTER PASSES TO ACHIEVE THE REQUIRED DIMENSION RATHER THAN FEWER HEAVY PASSES TO ENSURE THAT THE MACHINE IS NOT OVERLOADED!

• **REMEMBER** you may want to do a 'clean up' pass on your first surface as well (to remove possible imperfections, e.g. planing ripples, small 'dips' that didn't clean perfectly during the first surfacing phase, etc).

• You now should have clean, dimensioned, square timber, see fig 52.

Fig 52



TROUBLESHOOTING

Planers are relatively simple machines and with all machinery, regular servicing & the correct extraction (preventative maintenance) is essential to get the best from your machine. Below are our top five questions answered if you find that your planer isn't performing correctly.

Q :	Why are there long raised ridges along the length of my timber after planing?
A :	The blades may be slightly blunt or damaged, usually caused by the blades hitting a nail, stapler, small stone or even a loose knot causing a nick in the sharp edge.
Remedy:	- Change/rotate blades.

Q :	Why does the timber not feed through the thicknesser without stopping & stalling?
A :	Dirty thicknessing table, usually a buildup of resin or wood chips. The feed roller may be clogged or dirty , they may even need adjusting slightly to increase downwards pressure.
Remedy:	- Clean & wax the thicknesser table, clean feed rollers.

Q :	Why is there a scallop cut out of the first or last few inches of the timber?
A :	This is known as "Snipe", there are 4 main reasons for snipe -
1 -	The blades are set too far out of the cutter block causing snipe at the end of the timber both in planing & thicknessing (non spiral planers only)
2 -	The outfeed table is set too low in relation to the cutter block, planing only.
3 -	The timber isn't being placed flat on the thicknessing table at the start or the timber isn't being supported when coming out of the cut & is dropping slightly- thicknessing only.
Remedy:	- Check that blades are set correctly (non spiral planers only) , check that the outfeed table is in the correct position, ensure that the timber is flat on the table both infeed & outfeed.

Q :	My planer seems underpowered & slows down when cutting!
A :	Blunt blades are usually the cause,also take more lighter cut passes instead of fewer heavy cut passes. Drive belt is loose , worn or damaged.
Remedy:	Retention drive belt, use sharp blades, take light cuts.

Q :	My machine will not start!
A :	Fuse blown, guards not in place, internal overload breaker tripped.
Remedy:	Check & replace fuse, ensure that all guards are in place, check & push reset button.

Daily -	
•	Check that tables/beds are clean, not coated with resin etc. Apply a proprietary cleaner/lubricating agent.
•	Check the cable and the plug for damage or defects. Mount the planer fence and check it is set square.
•	Check the dust extraction hood and ensure there are no excessive build up of sawdust/resin, especially in the mouth of the chip deflector and around the mouth of the extractor.
•	Check the blades for sharpness and damage.

Weekly - Carry out the above checks, plus	
•	Clean the machine thoroughly; remove any shavings, sawdust, chips etc, from in, under and around the machine.
•	Check the cutter block for resin build up, especially behind the blade and in the scallop of the chipbreaker/wedge.
•	Check that the infeed roller is free of debris & resin build up.
•	Lift the tables and brush out and clean any debris or build up around the cutter block & feed rollers
•	Check the action of the anti-kickback fingers, again clean and lubricate as required.

Monthly - Carry out the above checks, plus	
•	Remove the rear machine cover plate, check the condition and tension of the drive belt.
•	Check the auto-feed engage and disengage function.
•	Check the condition of the drive chains, clean and apply a light coating of oil to the chains and sprockets. Apply a light oiling to all the bearing areas, taking care not to get oil on the tyre surfaces. Replace the rear machine cover plate.
•	If the table lock downs become 'slack' they can be adjusted by altering the height of the table lock stud. Hold the stud firmly and loosen the lock nut.

Blade Rotation/Change -

The spiral cutter block has four rows of durable solid carbide square cutters running around its circumference. There are 24 cutters in total and after many hours of use these cutters will need rotating.



DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

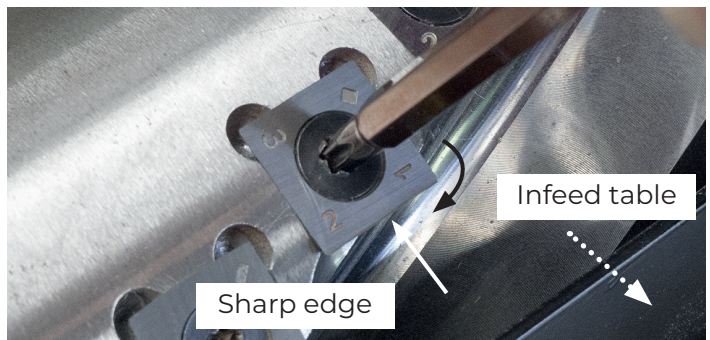
•	Brush all debris from the cutter/cutters that are to be rotated or changed.
•	Using only the tool provided undo the countersink torx screw, see fig 54.
•	Lift & twist the carbide cutter so that the fresh sharp edge faces the infeed table direction, ensuring that there is no debris under the cutter, see fig 54
•	Retighten the countersink torx screw & repeat if numerous cutters seem blunt or damaged.
•	NB - Each cutter has a rotation marker to help you monitor which edges have been used, see fig 55.

MAINTENANCE / BLADE CHANGE

Fig 53-54-55



WARNING! BE VERY CAREFUL WHEN TURNING THE CUTTERS AS THE BLADES ARE EXTREMELY SHARP. DO NOT OVERTIGHTEN TO AVOID THE TORX HEAD SCREW HEAD FROM GETTING DAMAGED!



EXPLODED DIAGRAM / PARTS LIST

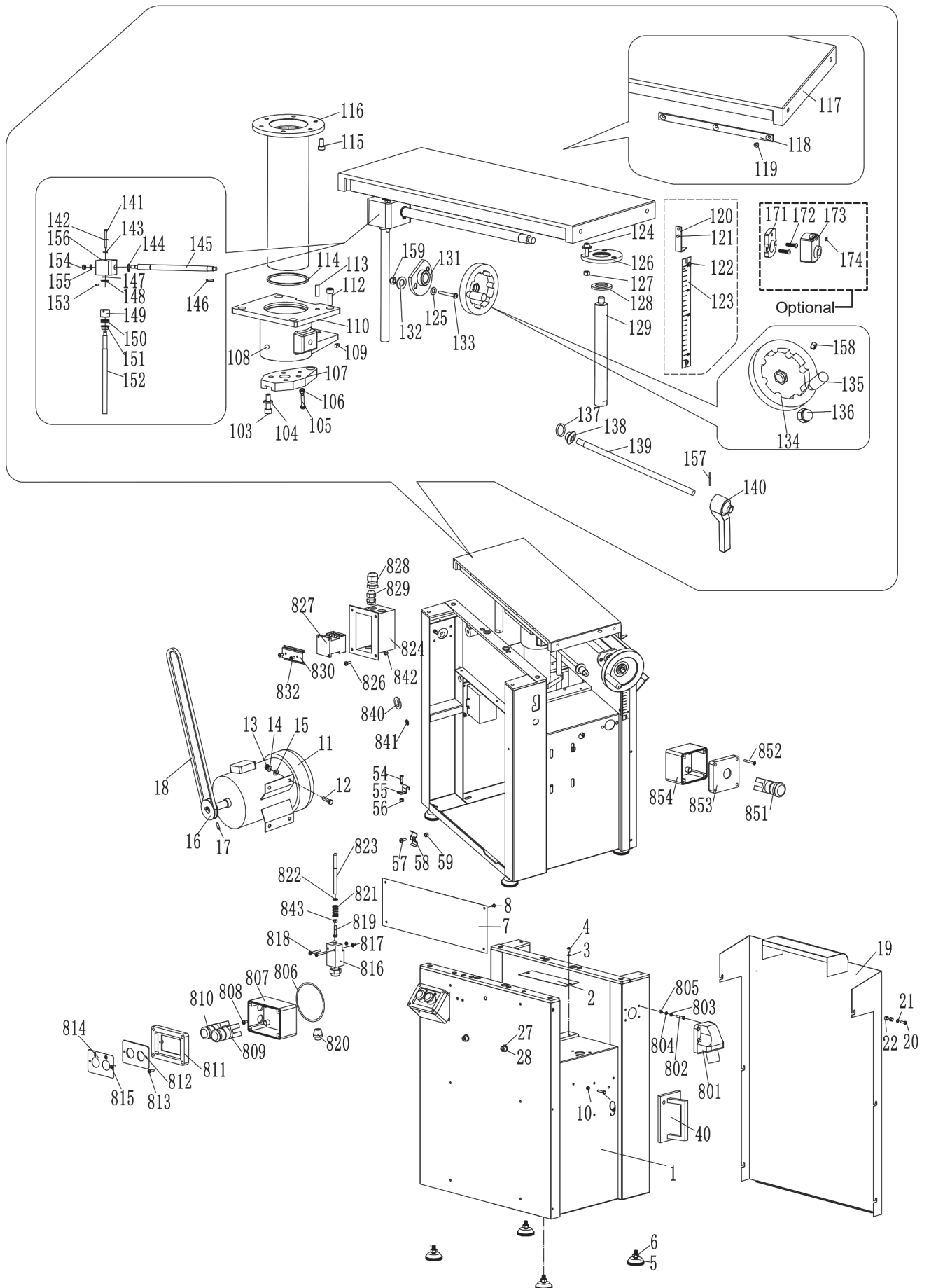
Model: AW2260S

Part No.	Description	Size	Qty
1	Base stand		1
2	Cover plate		2
3	Flat washer	5	4
4	Screw	M5x8	4
5	Foot		4
6	Nut	M10	8
7	Right inner plate		1
8	Countersunk head screw	M5x6	5
9	Screw	M5x50	1
10	Nut	MS	1
11	Motor		1
12	Bolt	M8x20	4
13	Nut	M8	4
14	Spring washer	8	4
15	Washer	8	4
16	Driving pulley		1
17	Screw	M6x8	1
18	V belt		1
19	Protective cover		1
20	Screw	M5x25	6
21	Flat washer	5	6
22	Nut	MS	6
27	Screw	M10x35	3

28	Flat washer	10	2
40	Push block		1
54	Screw	M4x16	3
55	Wire clip		3
56	Nut	M4	3
57	Screw	M4x12	1
58	Wire clip		1
59	Nut	M4	1
103	Screw	M8x30	4
104	Spring washer	8	4
105	Screw	M6x35	1
106	Nut	M6	1
107	Support plate		1
108	Lifting tube bracket		1
109	Locking plate		1
110	Guide		1
112	Screw	M8x16	4
113	Hex socket screw	M6x10	4
114	Seal ring		1
115	Screw	M8x16	6
116	Lifting sleeve		1
117	Thickneser table		1
118	Limiting plate		4
119	Countersunk head screw	M4x6	12
120	pointer		1
121	Screw	M4x6	2

EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

Model: AW2260S



EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

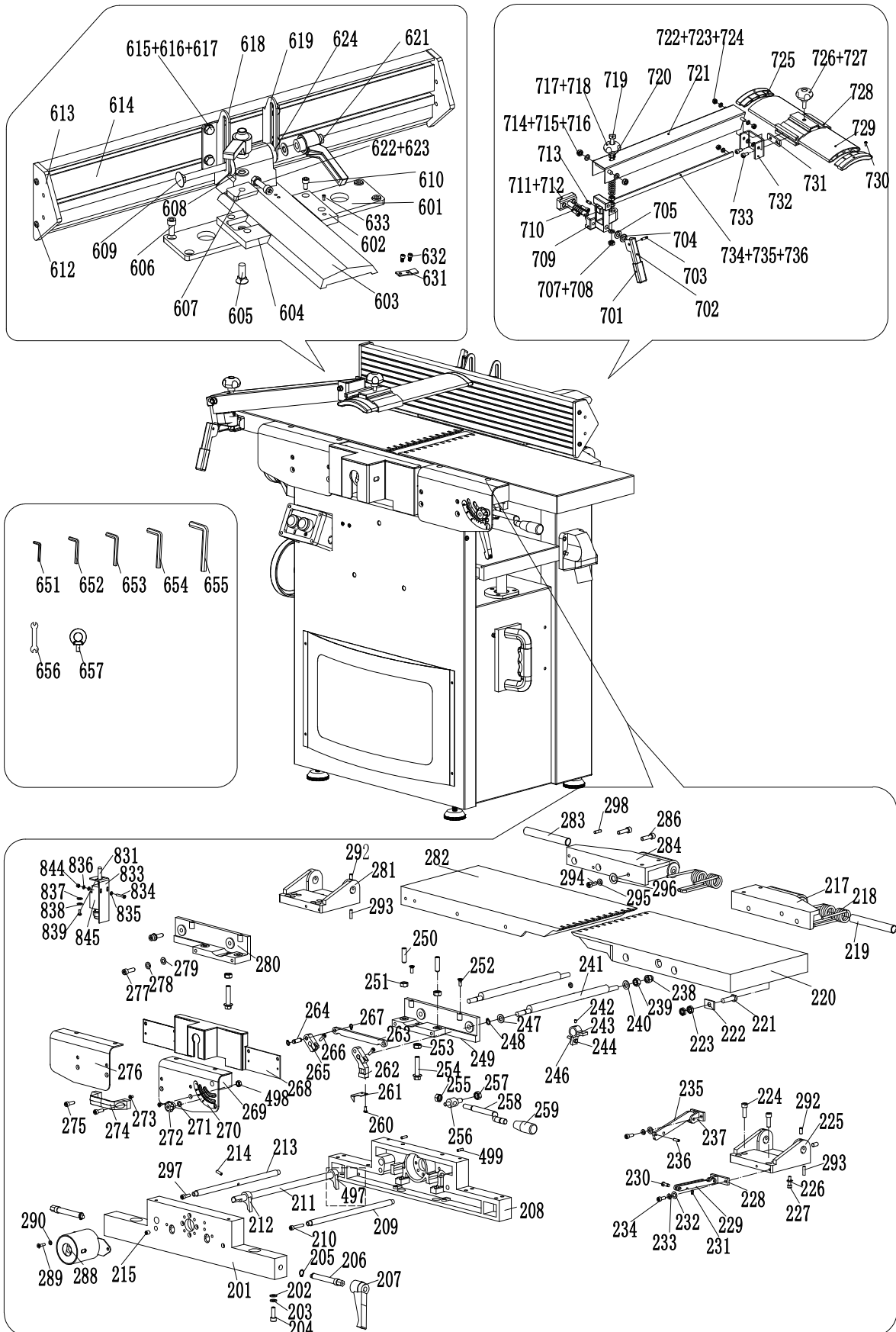
Model: AW2260S

122	Screw	M4x6	2
123	Scale		1
124	Bolt	M6x20	3
125	Flat washer	6	2
126	Locking block		1
127	Nut	M6	3
128	Washer		1
129	Oriented bar		1
131	Locking plate		1
132	Washer	6	2
133	Bolt	M6x20	2
134	Handwheel		1
135	Handwheel bar		1
136	Nut	M12	1
137	Retaining ring	20	1
138	Support bush		1
139	Locking rod		1
140	Locking handle		1
141	Bolt	M6x65	2
142	Spring washer	6	2
143	Flat washer	6	2
144	Retaining ring	18	1
145	Gear shaft		1
146	Flat key	A5x12	1
147	Retaining ring	10	1
148	Flat washer	10	1
149	Helical gear		1
150	Thrust ball bearing	51102	1
151	Bush		1
152	Lead screw		1
153	Elastic pin	4x25	1
154	Nut	M10	1
155	Flat washer	10	1
156	Gear box		1
157	Elastic pin	4x16	1
158	Nut	M8	1
159	Nut	M6	2
171	Block		1
172	Hex socket head screw	M6x25	2
173	Digital readout		1
174	Hex end set screw	M5x8	1
201	Right support bracket		1
202	Flat washer	8	8
203	Spring washer	8	8

204	Screw	M8x25	8
205	Retaining ring	12	2
206	Eccentric rod		2
207	Adjustable handle		2
208	Left support bracket		1
209	Supporting axle		1
210	Screw	M6x35	3
211	Shaft		1
212	Anti kickback finger		23
213	Limit axis		1
214	Elastic cylindrical pin	6x20	1
215	Hex socket set screw	M6x10	8
217	Right transposition		1
218	Torsion spring		2
219	Right axle		1
220	Infeed table		1
221	Bolt		1
222	Washer		1
223	Nut	M10	1
224	Screw	M8x25	8
225	Rear support base		1
226	Nut	M10	2
227	Limit screw		2
228	Small support base		1
229	Support pole		2
230	Pin		3
231	Split ring	4	3
232	Flat washer	6	4
233	Spring washer	6	4
234	Screw	M6x18	4
235	Support pole		1
236	Elastic pin	5x16	1
237	Small support base		1
238	Nut	M10	2
239	Nut	M10	2
240	Flat washer	10	2
241	Eccentric shaft		2
242	Hex socket screw	M6x12	1
243	Limit block		1
244	Bolt	M5x35	2
246	Nut	M5	2
247	Flat washer	12	2
248	Retaining ring	12	2
249	Right support plate		1
250	Hex socket screw	M10x1x30	4

EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

Model: AW2260S



EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

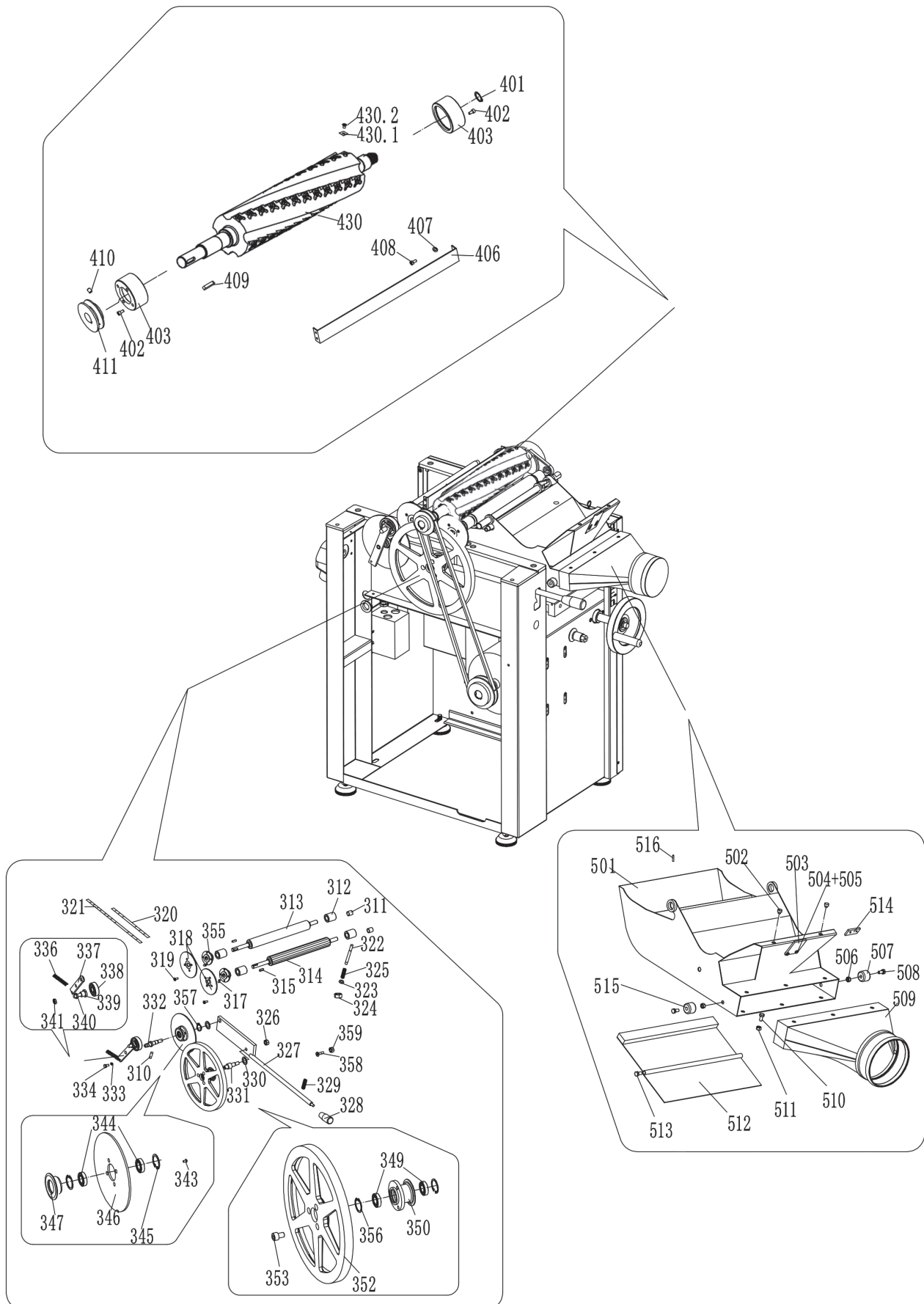
Model: AW2260S

251	Nut	M10X1	4
252	Countersunk head screw	M6x14	4
253	Nut	M10	2
254	Hex flange bolt	M10x45	2
255	Nut	M10	1
256	Locking support base		1
257	Nut	M10	1
258	Handle lever		1
259	Handle		1
260	Screw	M4x6	2
261	Pointer		1
262	Driving connecting rod		1
263	Connecting rod		1
264	Cylindrical pin		2
265	Driven connecting rod		1
266	Screw	M6x14	2
267	Retaining ring	8	4
268	Shield		1
269	Right shield		1
270	Depth Gauge		1
271	Washer	8	1
272	Handle		1
273	Countersunk head screw	M6x10	4
274	Square handle		2
275	Screw	M8x25	4
276	Front cover		1
277	Screw	M8x30	2
278	Spring washer	8	2
279	Flat washer	8	2
280	Left support plate		1
281	Left support base		1
282	Outfeed table		1
283	Left axle		1
284	Left transposition		1
287	Cylindrical pin	6x20	1
288	Protective cover		1
289	Screw	M6x10	2
290	Flat washer	6	2
292	Hex socket screw	M8x12	4
293	Hex socket screw	M8x20	2
294	Screw	M8x30	1
295	Spring washer	8	1
296	Flat washer		1
297	Screw	M6x16	1
298	Cylindrical pin	6x25	1

310	Hex socket screw	M6x16	1
311	Sleeve		8
312	End sleeve		4
313	Roller		1
314	Drive roller		1
315	Flat key	A5x16	2
317	Hex socket screw	M6x8	2
318	Sprocket		2
319	Screw	M5x8	8
320	Chain	05B-1*76L	1
321	Chain	05B-1*90L	1
322	Stud bolt		4
323	Flat washer	8	4
324	Nut	M8	4
325	Spring		4
326	Nut	M10	1
327	Connecting plate		1
328	Handle		1
329	Spring		1
330	Flat Washer	10	1
331	Pin		1
332	Long pin		1
333	Washer	6	1
334	Bolt	M6x10	1
336	Tension spring		1
337	Tensioner		1
338	Ball bearing	6303	1
339	Pin		1
340	Flat washer	10	1
341	Nut	M10	1
343	Screw	M6x10	4
344	Ball bearing	6901	2
345	Retaining ring	24	2
346	Sprocket		1
347	Sprocket II		1
349	Ball bearing	6901	2
350	Sprocket III		1
352	Friction wheel		1
353	Screw	M6x16	3
355	Sprocket		2
356	Retaining ring	24	2
357	Retaining ring	12	1
358	Screw	M5x16	1
359	Nut	MS	1

EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

Model: AW2260S



EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

Model: AW2260S

401	Retaining ring	25	1
402	Screw	M6x10	8
403	Bearing base		2
406	Protective plate		1
407	Spring washer	6	4
408	Screw	M6x14	4
409	Flat key	A6x20	1
410	Screw	M6x8	1
411	Driven wheel		1
430	Spiral cutter block		1
430.1	Blade		
430.2	Screw		
497	Anti kickback finger		2
498	Nut	M6	4
499	Elastic cylindrical pin	5x16	2
501	Chip conveyor		1
502	Rubber pad		2
503	Locking plate		1
504	Bolt	M6x10	2
505	Nut	M6	2
506	Nut	M6	2
507	Feet		1
508	Screw	M6x16	2
509	Suction port		1
510	Bolt	M6x10	6
511	Nut	M6	6
512	Plate		1
513	Countersunk head screw	M6x12	2
514	Pressure plate		1
515	Foot		1
516	Elastic cylindrical pin	3x10	2
601	Connection plate		1
602	Right metal plate		1
603	Guide plate		1
604	Left metal plate		1
605	Square bolt	10x30	1
606	Screw	M8x16	4

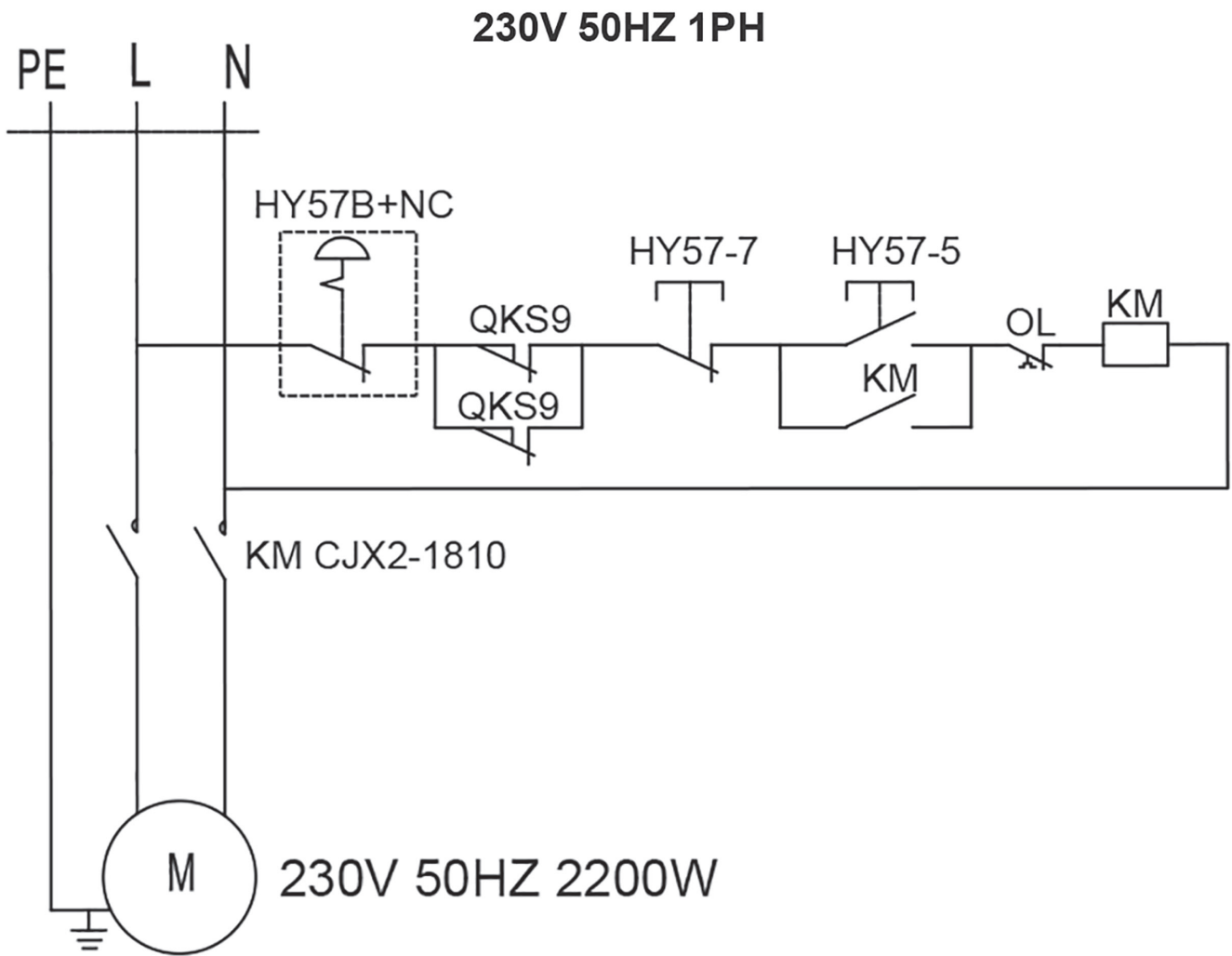
607	Pressure plate		1
608	Flat washer	10	1
609	Square bolt	M10x100	1
610	Screw	M6x12	4
612	Tapping screw	ST5x20	4
613	Guard		2
614	Fence		1
615	Square nut	M8	4
616	Flat washer	8	4
617	Bolt	M8x16	4
618	Left sliding plate		1
619	Right sliding plate		1
621	Handle		2
622	Screw	M8x70	1
623	Nut	M8	1
624	Washer		2
631	Limit plate		1
632	Screw	M6X10	2
633	Screw	M6X10	1
651	Allen wrench	S3	1
652	Allen wrench	S4	1
653	Allen wrench	S5	1
654	Allen wrench	S6	1
655	Allen wrench	S8	1
656	Spanner	7*5.5	1
657	Eye bolt	M6	2
701	Rubber sleeve		1
702	Locking handle		1
703	Elastic cylindrical pin	5x20	1
704	Disc spring washer	10	1
705	Flat washer	10	1
707	Nut	M8	3
708	Flat washer	8	1
709	Swivel block		1
710	Screw	M6x20	2
711	Fixed block		1
712	Spring		1
713	Cylindrical pin	6x20	1

EXPLODED DIAGRAM / PARTS LIST FOR AW2260S

714	Screw	M8	1
715	Nut	M8	2
716	Flat washer	8	2
717	Handle		1
718	Spring		1
719	Bolt		1
720	Washer	8	1
721	Support bracket		1
722	M6 screw		1
723	Nut	M6	2
724	Flat Washer	6	2
725	End cap		2
726	Locking handle		1
727	Locking plate		1
728	Guard shell		1
729	Guard		1
730	Tapping screw	ST4x10	2
731	Fixing plate		1
732	Adjustment board		1
733	Screw	M6x10	2
734	Connecting rod		1
735	Flat Washer	6	1
736	Nut	M6	1
801	Plug		1
802	Screw	M5x25	4
803	Spring washer	5	4
804	Flat washer	5	4
805	Nut	MS	4
806	Sealing ring		1
807	Bottom cover		1
808	Screw	M5x10	4
809	Button (green)		1
810	Button (red)		1
811	Upper cover		1
812	Switch board		1
813	Tapping screw	ST4x16	4
814	Switch label		1

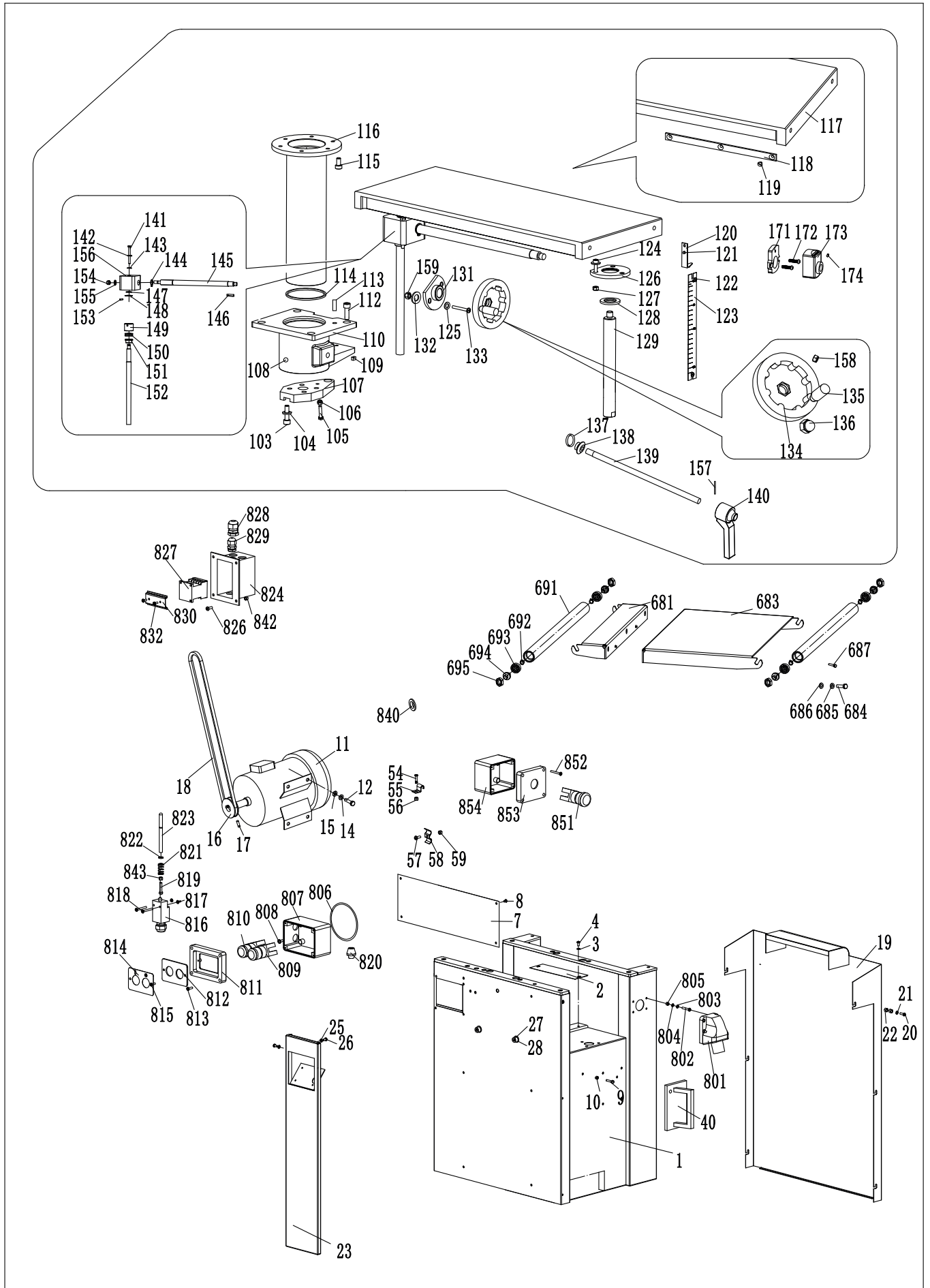
815	Tapping screw	ST4x10	2
816	Switch		1
817	Nut	M4	2
818	Countersunk head screw	M4x35	2
819	Bolt	M5x25	1
820	Strain relief		3
821	Spring		1
822	Split ring	6	1
823	Ejector		1
824	Electrical box		1
826	Screw	M5x16	4
827	AC contactor		1
828	Strain relief		2
829	Strain relief		4
830	Mounting plate		1
831	Ejector		1
832	Tapping screw	ST4x10	2
833	Support plate		1
834	Screw	M4x35	2
835	Flat washer	4	2
836	Spring washer	4	4
837	Flat washer	5	2
838	Spring washer	5	2
839	Screw	M5x14	2
840	Wire sleeve		2
841	Wire sleeve		2
842	Nut	MS	4
843	Nut	MS	1
844	Nut	M4	2
845	Power-off switch		1
851	Switch		1
852	Countersunk head screw	M4x40	4
853	Upper switch cover		1
854	Bottom switch cover		1

WIRING DIAGRAM FOR AW2260S



EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

Model: AW3310S



EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

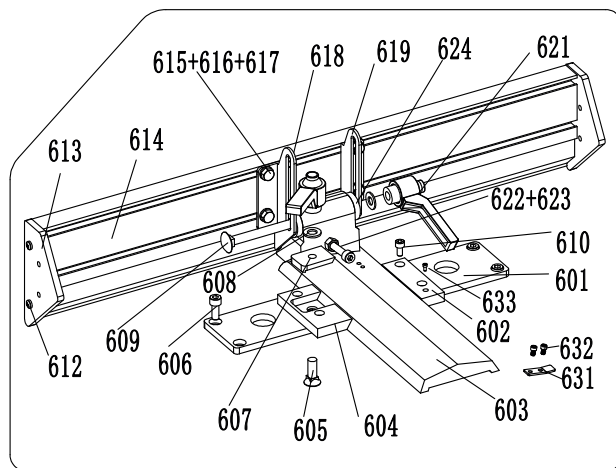
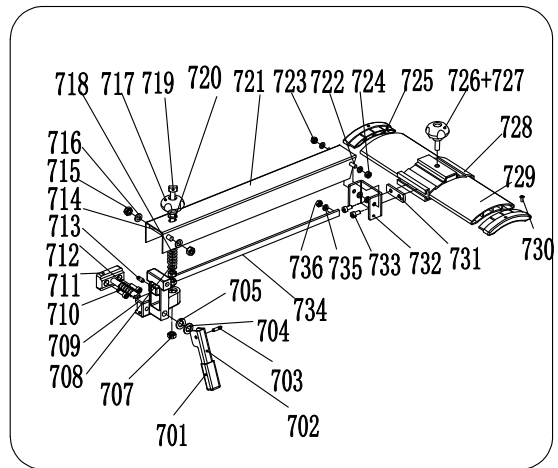
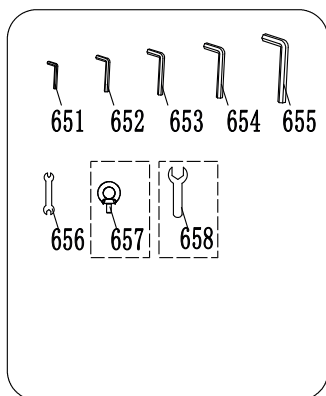
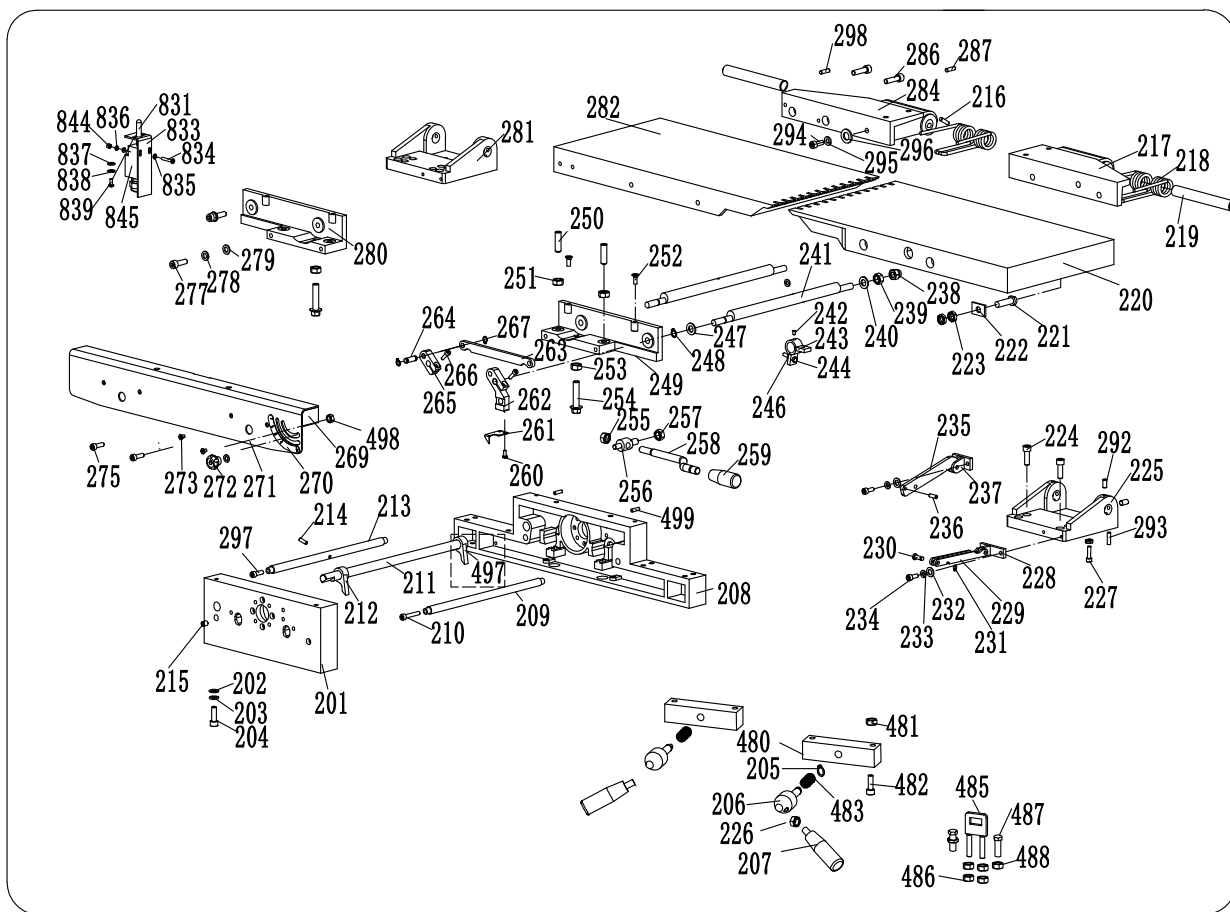
Model: AW3310S

Part No.	Description	Size	Qty
1	Base stand		1
2	Cover plate		2
3	Flat washer	5	4
4	Screw	M5x8	4
7	Right inner plate		1
8	Countersunk head screw	M5x6	5
9	Screw	M5x50	1
10	Nut	M5	1
11	Motor		1
12	Bolt	M8x20	4
14	Spring washer	8	4
15	Washer	8	4
16	Driving pulley		1
17	Screw	M6x8	1
18	V belt		1
19	Protective cover		1
20	Screw	M5x25	6
21	Flat washer	5	6
22	Nut	M5	6
23	Front cover plate		1
25	Washer		1
26	Screw		1
27	Screw	M10x35	3
28	Flat washer	10	2
40	Push block		1
54	Screw	M4x16	3
55	Cable clip		3
56	Nut	M4	3
57	Screw	M4x12	1
58	Cable clip		1
59	Nut	M4	1
103	Screw	M8x30	4
104	Spring washer	8	4
105	Screw	M6x35	1
106	Nut	M6	1
107	Support plate		1
108	Lifting tube bracket		1
109	Locking plate		1
110	Guide		1
112	Screw	M8x16	4
113	Hex socket screw	M6x10	4
114	Seal ring		1
115	Screw	M8x16	6
116	Lifting sleeve		1
117	Thickneser table		1
118	Limiting plate		4
119	Countersunk head screw	M4x6	12
120	pointer		1
121	Screw	M4x6	2
122	Screw	M4x6	2
123	Scale		1
124	Bolt	M6x20	3
125	Flat washer	6	2
126	Locking block		1
127	Nut	M6	3
128	Washer		1

Part No.	Description	Size	Qty
129	Oriented bar		1
131	Locking plate		1
132	Washer	6	2
133	Bolt	M6x20	2
134	Handwheel		1
135	Handwheel bar		1
136	Nut	M12	1
137	Retaining ring	20	1
138	Support bush		1
139	Locking rod		1
140	Locking handle		1
141	Bolt	M6x65	2
142	Spring washer	6	2
143	Flat washer	6	2
144	Retaining ring	18	1
145	Gear shaft		1
146	Flat key	A5x12	1
147	Retaining ring	10	1
148	Flat washer	10	1
149	Helical gear		1
150	Thrust ball bearing	51102	1
151	Bush		1
152	Lead screw		1
153	Elastic pin	4x25	1
154	Nut	M10	1
155	Flat washer	10	1
156	Gear box		1
157	Elastic pin	4x16	1
158	Nut	M8	1
159	Nut	M6	2
171	Block		1
172	Hex socket head screw	M6x25	2
173	Digital readout		1
174	Hex end set screw	M5x8	1
201	Right support bracket		1
202	Flat washer	8	8
203	Spring washer	8	8
204	Screw	M8x25	8
205	Retaining ring	12	2
206	Eccentric rod		2
207	Adjustable handle		2
208	Left support bracket		1
209	Supporting axle		1
210	Screw	M6x35	3
211	Shaft		1
212	Anti kickback finger		23
213	Limit axis		1
214	Elastic cylindrical pin	6x20	1
215	Hex socket set screw	M6x10	8
216	Hex socket set screw	M8x12	2
217	Right transposition		1
218	Torsion spring		2
219	Right axle		2
220	Infeed table		1
221	Bolt		1
222	Washer		1
223	Nut	M10	1

EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

Model: AW3310S



EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

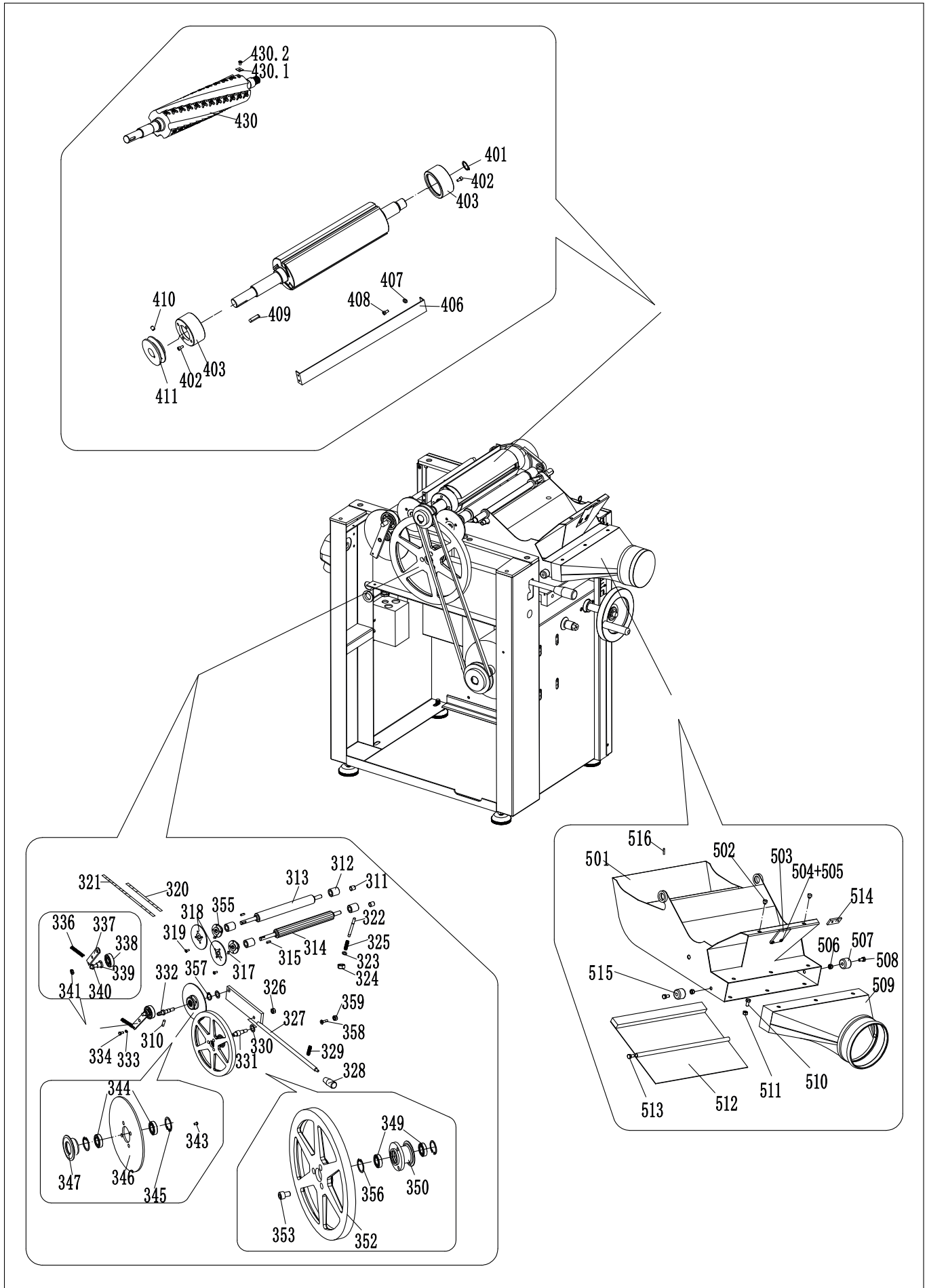
Model: AW3310S

Part No.	Description	Size	Qty
224	Screw	M8x25	8
225	Rear support base		1
226	Nut	M10	2
227	Limit screw		2
228	Small support base		1
229	Support pole		2
230	Pin		3
231	Split ring	4	3
232	Flat washer	6	4
233	Spring washer	6	4
234	Screw	M6x18	4
235	Support pole		1
236	Elastic pin	5x16	1
237	Small support base		1
238	Nut	M10	2
239	Nut	M10	2
240	Flat washer	10	2
241	Eccentric shaft		2
242	Hex socket screw	M6x12	1
243	Limit block		1
244	Bolt	M5x35	2
246	Nut	M5	2
247	Flat washer	12	2
248	Retaining ring	12	2
249	Right support plate		1
250	Hex socket screw	M10x1x30	4
251	Nut	M10X1	4
252	Countersunk head screw	M6x14	4
253	Nut	M10	2
254	Hex flange bolt	M10x45	2
255	Nut	M10	1
256	Locking support base		1
257	Nut	M10	1
258	Handle lever		1
259	Handle		1
260	Screw	M4x6	2
261	Pointer		1
262	Driving connecting rod		1
263	Connecting rod		1
264	Cylindrical pin		2
265	Driven connecting rod		1
266	Screw	M6x14	2
267	Retaining ring	8	4
269	Right shield		1
270	Depth Gauge		1
271	Washer	8	1
272	Handle		1
273	Countersunk head screw	M6x10	4
274	Square handle		2
275	Screw	M8x25	4
277	Screw	M8x30	2
278	Spring washer	8	2
279	Flat washer	8	2
280	Left support plate		1
281	Left support base		1
282	Outfeed table		1
284	Left transposition		1

Part No.	Description	Size	Qty
286	Screw	M8x30	2
287	Cylindrical pin	6x20	1
292	Hex socket screw	M8x12	4
293	Hex socket screw	M8x20	2
294	Screw	M8x30	1
295	Spring washer	8	1
296	Flat washer		1
297	Screw	M6x16	1
298	Cylindrical pin	6x25	1
310	Hex socket screw	M6x16	1
311	Sleeve		8
312	End sleeve		4
313	Roller		1
314	Drive roller		1
315	Flat key	A5x16	2
317	Hex socket screw	M6x8	2
318	Sprocket		2
319	Screw	M5x8	8
320	Chain	05B-1*76L	1
321	Chain	05B-1*90L	1
322	Stud bolt		4
323	Flat washer	8	4
324	Nut	M8	4
325	Spring		4
326	Nut	M10	1
327	Connecting plate		1
328	Handle		1
329	Spring		1
330	Flat Washer	10	1
331	Pin		1
332	Long pin		1
333	Washer	6	1
334	Bolt	M6x10	1
336	Tension spring		1
337	Tensioner		1
338	Ball bearing	6303	1
339	Pin		1
340	Flat washer	10	1
341	Nut	M10	1
343	Screw	M6x10	4
344	Ball bearing	6901	2
345	Retaining ring	24	2
346	Sprocket		1
347	Sprocket II		1
349	Ball bearing	6901	2
350	Sprocket III		1
352	Friction wheel		1
353	Screw	M6x16	3
355	Sprocket		2
356	Retaining ring	24	2
357	Retaining ring	12	1
358	Screw	M5x16	1
359	Nut	M5	1
401	Retaining ring	25	1
402	Screw	M6x10	8
403	Bearing base		2
406	Protective plate		1

EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

Model: AW3310S



EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

Model: AW3310S

Part No.	Description	Size	Qty
407	Spring washer	6	4
408	Screw	M6x14	4
409	Flat key	A6x20	1
410	Screw	M6x8	1
411	Driven wheel		1
430	Spiral cutter block		1
430.1	Blade		1
430.2	Screw		1
480	Block		2
481	Nut	M8	4
482	Screw		4
483	Spring		2
485	Plate		2
486	Nut	M8	4
487	Hexagonal support pole		4
488	Nut		4
497	Anti kickback finger		2
498	Nut	M6	4
499	Elastic cylindrical pin	5x16	2
501	Chip conveyor		1
502	Rubber pad		2
503	Locking plate		1
504	Bolt	M6x10	2
505	Nut	M6	2
506	Nut	M6	2
507	Feet		1
508	Screw	M6x16	2
509	Suction port		1
510	Bolt	M6x10	6
511	Nut	M6	6
512	Plate		1
513	Countersunk head screw	M6x12	2
514	Pressure plate		1
515	Foot		1
516	Elastic cylindrical pin	3x10	2
601	Connection plate		1
602	Right metal plate		1
603	Guide plate		1
604	Left metal plate		1
605	Square bolt	10x30	1
606	Screw	M8x16	4
607	Pressure plate		1
608	Flat washer	10	1
609	Square bolt	M10x100	1
610	Screw	M6x12	4
612	Tapping screw	ST5x20	4
613	Guard		2
614	Fence		1
615	Square nut	M8	4
616	Flat washer	8	4
617	Bolt	M8x16	4
618	Left sliding plate		1
619	Right sliding plate		1
621	Handle		2
622	Screw	M8x70	1
623	Nut	M8	1
624	Washer		2

Part No.	Description	Size	Qty
631	Limit plate		1
632	Screw	M6X10	2
633	Screw	M6X10	1
651	Allen wrench	S3	1
652	Allen wrench	S4	1
653	Allen wrench	S5	1
654	Allen wrench	S6	1
655	Allen wrench	S8	1
656	Wrench	7*5.5	1
657	Eye bolt	M6	2
658	Wrench		1
681	Auxiliary support		1
683	Extended auxiliary support		1
684	Bolt		6
685	spring washer	8	6
686	Flat washer	8	6
687	Head screw		4
691	Roller shaft		2
692	Retaining ring	6	4
693	Deep Groove Ball Bearing	628	4
694	Pin shaft		4
695	Hexagon thin nut	M10	4
701	Rubber sleeve		1
702	Locking handle		1
703	Elastic cylindrical pin	5x20	1
704	Disc spring washer	10	1
705	Flat washer	10	1
707	Nut	M8	3
708	Flat washer	8	1
709	Swivel block		1
710	Screw	M6x20	2
711	Fixed block		1
712	Spring		1
713	Cylindrical pin	6x20	1
714	Screw	M8	1
715	Nut	M8	2
716	Flat washer	8	2
717	Handle		1
718	Spring		1
719	Bolt		1
720	Washer	8	1
721	Support bracket		1
722	M6 screw		1
723	Nut	M6	2
724	Flat Washer	6	2
725	End cap		2
726	Locking handle		1
727	Locking plate		1
728	Guard shell		1
729	Guard		1
730	Tapping screw	ST4x10	2
731	Fixing plate		1
732	Adjustment board		1
733	Screw	M6x10	2
734	Connecting rod		1
735	Flat Washer	6	1
736	Nut	M6	1

EXPLODED DIAGRAM / PARTS LIST FOR AW3310S

Model: AW3310S

Part No.	Description	Size	Qty
801	Plug		1
802	Screw	M5x25	4
803	Spring washer	5	4
804	Flat washer	5	4
805	Nut	M5	4
806	Sealing ring		1
807	Bottom cover		1
808	Screw	M5x10	4
809	Button (green)		1
810	Button (red)		1
811	Upper cover		1
812	Switch board		1
813	Tapping screw	ST4x16	4
814	Switch label		1
815	Tapping screw	ST4x10	2
816	Switch		1
817	Nut	M4	2
818	Countersunk head screw	M4x35	2
819	Bolt	M5x25	1
820	Strain relief		3
821	Spring		1
822	Split ring	6	1
823	Ejector		1
824	Electrical box		1
826	Screw	M5x16	4
827	AC contactor		1
828	Strain relief		2
829	Strain relief		4
830	Mounting plate		1
831	Ejector		1
832	Tapping screw	ST4x10	2
833	Support plate		1
834	Screw	M4x35	2
835	Flat washer	4	2
836	Spring washer	4	4
837	Flat washer	5	2
838	Spring washer	5	2
839	Screw	M5x14	2
840	Wire sleeve		2
841	Wire sleeve		2
842	Nut	M5	4
843	Nut	M5	1
844	Nut	M4	2
845	Power-off switch		1
851	Switch		1
852	Countersunk head screw	M4x40	4
853	Upper switch cover		1
854	Bottom switch cover		1

DECLARATIONS FOR AW2260S & AW3310S

Model: AW3310S

Object of the Declaration: Axminster Workshop AW2260S Planer Thicknesser		
UK: Supply of Machinery (Safety) Regulations 2008 as amended Electromagnetic Compatibility Regulations 2016 as amended Directive 2011/65/EU (RoHS 2)	EU: Machinery Directive 2006/42/EC EMC Directive 2014/35/EU Directive 2011/65/EU (RoHS 2)	UK Address: Newhow Limited. Trading as Axminster Tools Weycroft Avenue Axminster. Devon EX13 5PH
Standards used or references to the other technical specifications in relation to which conformity is declared: ISO 19085-7:2024, ISO 19085-1:2021, ISO 12100:2010, EN 60204-1:2018/A1:2025 IEC 55014-1:2021, IEC 55014-2:2021, IEC 61000-6-4:2019, IEC 61000-6-2:2019		European Address: Newhow Limited. Trading as Axminster Tools A-201. Haagsche Hof Parkstraat 83 The Hague 2514 JG Netherlands
Date: 7/9/2025 Place: Axminster	 Charlie Cross Operations Director	

Object of the Declaration: Axminster Workshop AW3310S Planer Thicknesser		
UK: Supply of Machinery (Safety) Regulations 2008 as amended Electromagnetic Compatibility Regulations 2016 as amended Directive 2011/65/EU (RoHS 2) Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	EU: Machinery Directive 2006/42/EC EMC Directive 2014/35/EU Directive 2011/65/EU (RoHS 2) Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	UK Address: Newhow Limited. Trading as Axminster Tools Weycroft Avenue Axminster. Devon EX13 5PH
Standards used or references to the other technical specifications in relation to which conformity is declared: ISO 19085-7:2024, EN 60204-1:2018+A1:2025. IEC 55014-1:2021, IEC 55014-2:2021, IEC 61000-3-2:2019+A1:2021, 61000-3-3:2013+A1:2019+A2:2021		European Address: Newhow Limited. Trading as Axminster Tools A-201. Haagsche Hof Parkstraat 83 The Hague 2514 JG Netherlands
Date: 28/1/2026 Place: Axminster	 Charlie Cross Operations Director	



The packaging is suitable for recycling.
Please dispose of it in a responsible manner.



EU Countries Only

Do not dispose of electric tools together with household waste material.
By law they must be collected and recycled separately.



Axminster Tools, Axminster Devon EX13 5PH

axminstertools.com