

AXMINSTER

PROfessional

AP260SPT Code 107807

AP310SPT Code 107808

Original Instructions

AP260SPT & AP310SPT Planer Thicknesser



AP260SPT



AP310SPT



Watch
The Set Up
Guide
Here!



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WHAT'S IN THE BOX

Fig A



Bridge Guard Arm

Fig B



Bridge Guard

Fig C



Fence Bracket

Fig D



Fence

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

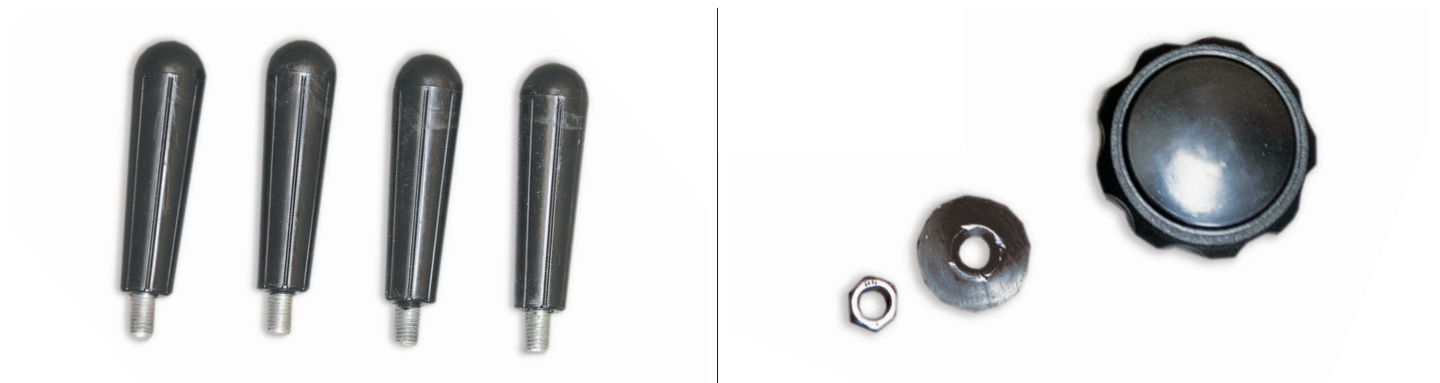


Dust mask
should be worn



HAZARD

Fig E



Carrying Handles & Table Locking Knob

Fig F



Replacement Cutters & Screws and Cutter Changing Spanner

Fig G



Push Pad Guide Blocks

Fig H



Planer Thicknesser

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 Carrying Handles

Fig 01



Screw the four carrying handles (E) into the threaded holes on either side of the machine as shown above, see fig 01-02

Fig 02



Removing Machine from Pallet



DO NOT LIFT BY THE TABLES - WHEN REMOVING THE MACHINE FROM THE PALLET USE THE FOUR CARRYING HANDLES AS SHOWN !



Fitting the Bracket & Fence Assembly

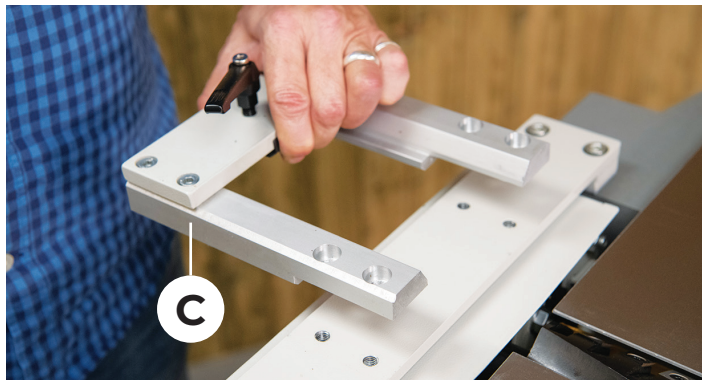
Fig 03



Fig 04



Fig 05-06



1. Line up the bracket (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. Slide the fence (D) into the fence bracket (C), see fig 08.
2. 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. Slide the Hex head bolt & spacer through the hole to the end of the bridge guard arm (A), see fig 12.

Fig 10-11

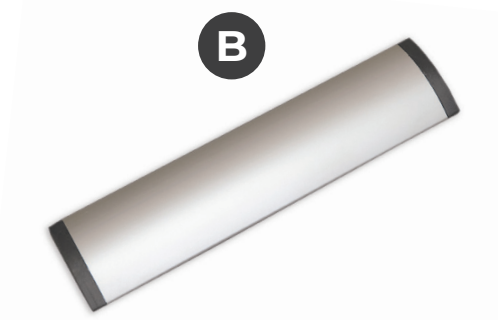
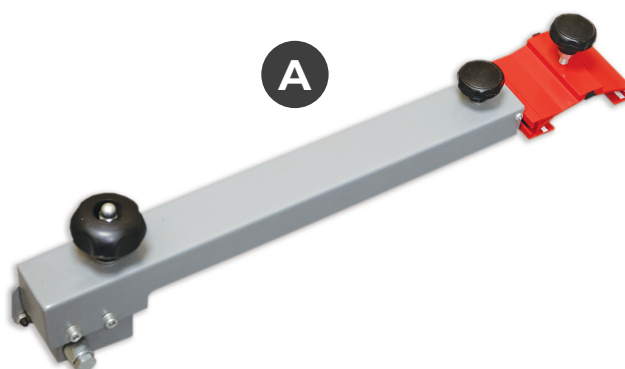


Fig 12



2. Towards the back of the outfeed table attach the bridge guard arm (A) in the threaded hole to the side of the table, see fig 13.

Fig 13

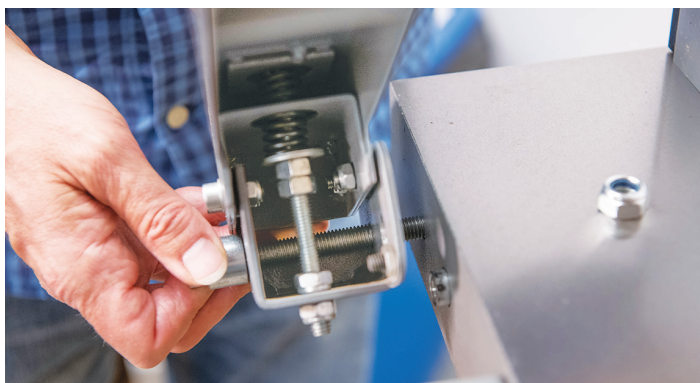


Fig 14



3. Tighten hex head bolt, see fig 14

Fig 15-16

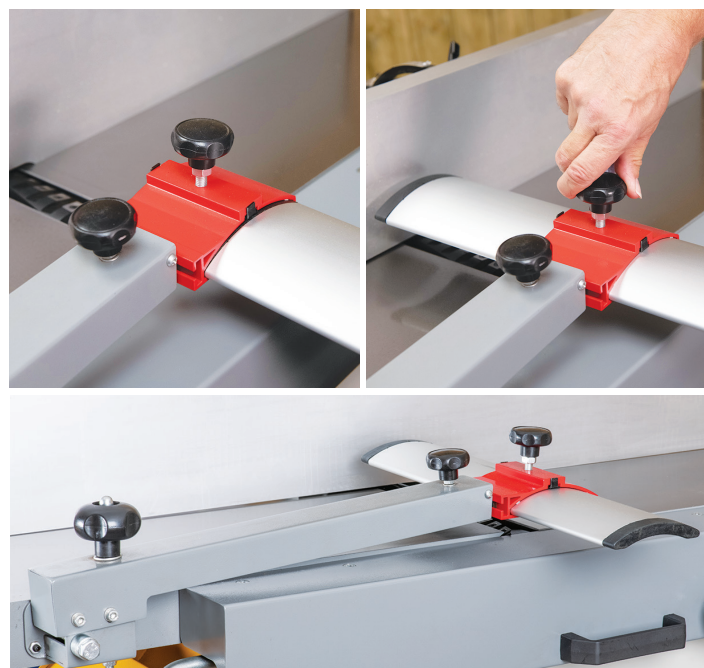


4. Fit Nyloc nut under table to the end of the hex head bolt used to attached the bridge guard arm, see fig 15.

5. Tighten with a 16mm spanner, fig 16.

6. Slide the bridge guard (B) into place and secure in place with locking knob, see fig 17-18.

Fig 17-18-19



Fitting the Infeed Table Height Adjustment Locking Knob

Fig 20-21-22



1. Place the washer on stud as shown, see fig 21

2. Fit the clamping knob on to stud, see fig 22.

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 & cutterblock - recommended is the Liberon wax & polish remover, see fig 23-24.

Fig 23-24



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 25.

Fig 25



Fig 26



- Raise the infeed table up to meet the underside of the straight edge, see fig 26 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 27-28.

Fig 27-28



- Once the infeed and outfeed tables are level then set the pointer to zero on the scale, see fig 29.

Fig 29



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 cutterblock, see fig 30.

Fig 30

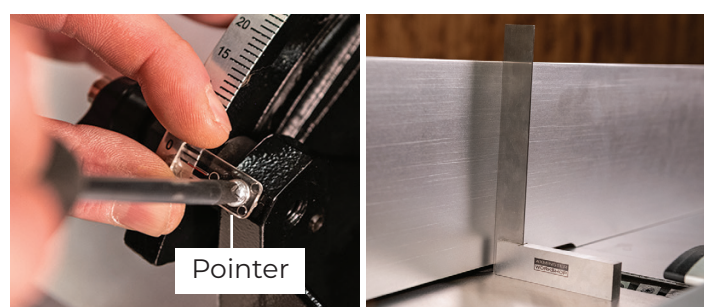


- Check to see if the fence is square (90deg) to the table, if not adjustments are made by firstly unlocking the fence tilt clamp handle, then slacken the adjuster screw lock nut, see fig 31. If a gap is at the top of the square then wind the adjuster screw out, if the gap is at the bottom then wind the adjuster screw in. Ensure that all is locked in place once adjustments have been made then set the pointer to zero, see fig 32-33.

Fig 31



Fig 32-33



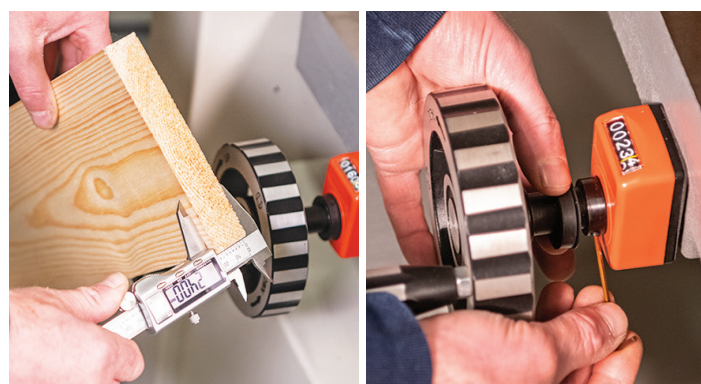
Thicknesser Scale

- 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 34. Accurately measure the dimension of the timber across those faces then set both the digital scale & pointer scale to that dimension, see fig 35-36.

Fig 34



Fig 35-36



- Wax the tables, connect extraction hose & you are all set, see fig 37-38

Fig 37-38



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 (lift & pull lever out), see fig 39.

Fig 39



- 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 40.

Fig 40



Fig 41-42



- Set the fence, leaving sufficient exposed width of planer blades for you to machine the largest dimension of the workpiece, see fig 41.
- 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 42.
- Lower the infeed table to give the required depth of cut/material removal, (e.g. more to work badly distorted or very roughly finished timber, less to 'finish' a fine straight cut off a saw?).

Fig 43



- 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 44.

Fig 44



- 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 45-46-47.

Fig 45-46-47



- 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 48.

Fig 48



- Lower the bridge guard to cover over the cutter block then adjust it to allow the timber to pass through without snagging, see fig 48.

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, 49-50.

Fig 49-50



- 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 51.

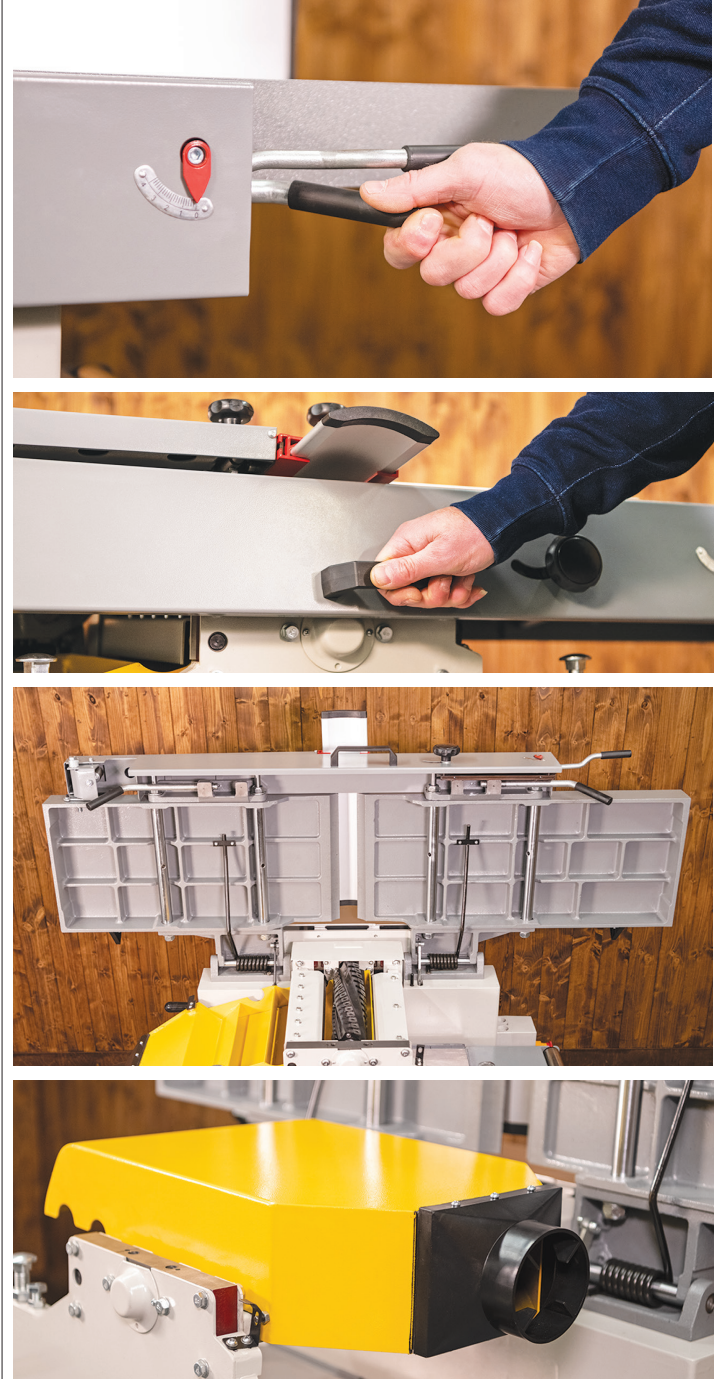
Fig 51



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 52-53-54. Swing over into place the yellow guard/extraction hood, see fig 55.

Fig 52-53-54-55



- 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 thickness the narrow edge of the timber, a minimum of 20mm is recommended, see fig 56.

Fig 56-57



- Engage the feed rollers (lift & drop lever in), see fig 57.
- 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 58.

Fig 58-59



- 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 59.
- 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 60.

Fig 60



WARNING - Please ensure you lower the thicknessing table to a minimum of 150mm, prior to returning the machine to planing mode. This will prevent damage to the dust hood or potential misalignment of the tables.

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, see page 16. 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 -

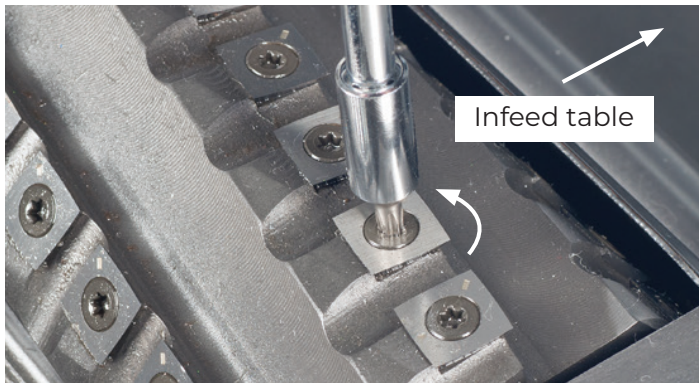
The spiral cutter block has four rows of durable solid carbide square cutters running around its circumference. There are 44 square cutters in total on the 260mm model and 56 cutters on the 310mm model and after many hours of use these cutters will need rotating.



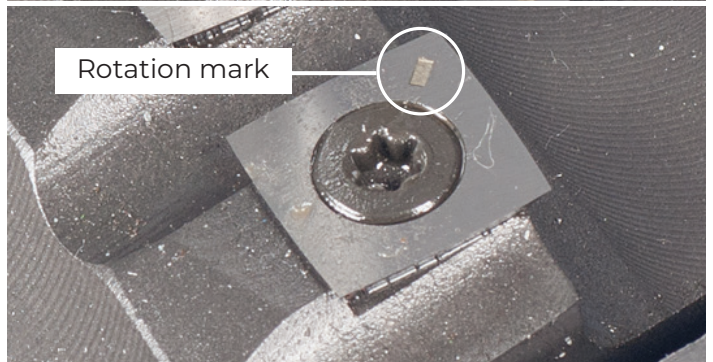
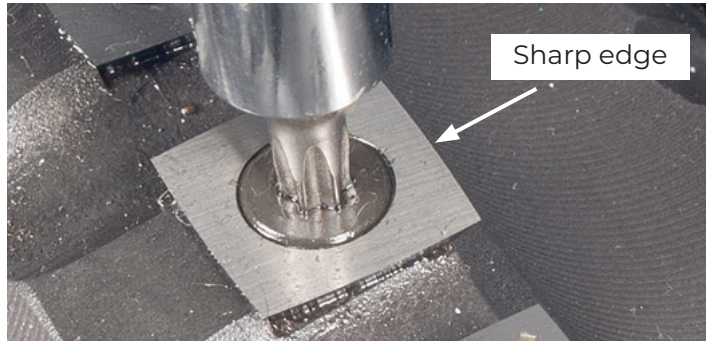
DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

•	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 61.
•	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 62
•	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 62.

Fig 61-62-63



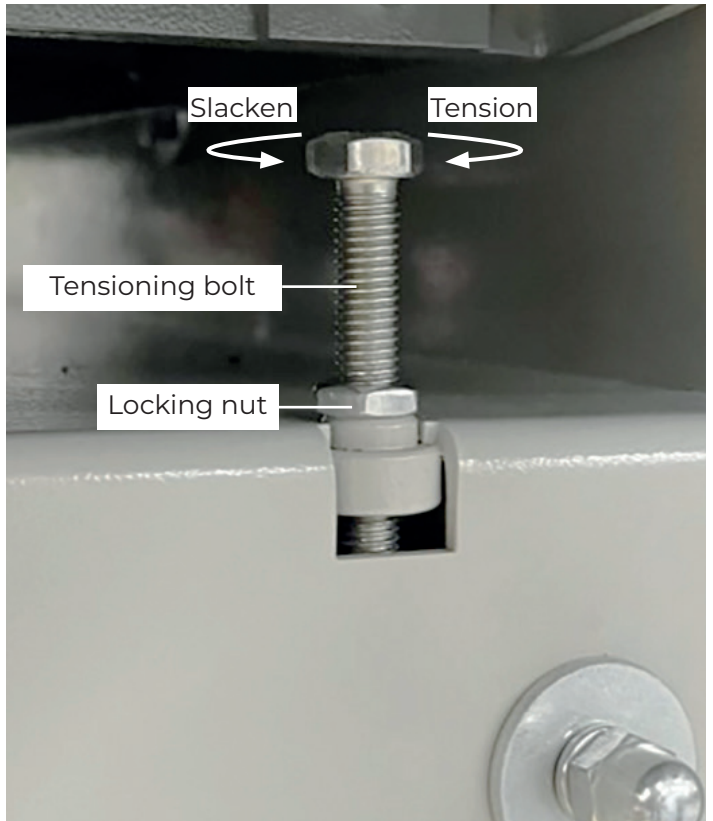
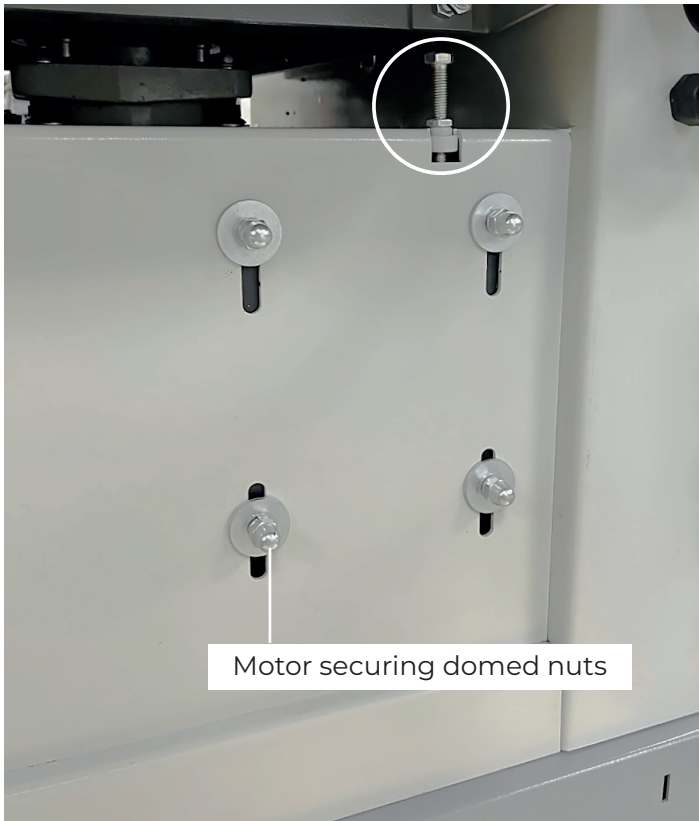
WARNING! BE VERY CAREFUL WHEN TURNING THE CUTTERS AS THE BLADES ARE EXTREMELY SHARP. DO NOT OVERTIGHTEN TO AVOID THE TORX HEAD SCREW HEAD FROM GETTING DAMAGED!



Retention the Drive Belt

If the planer seems underpowered and slows down when cutting then the drive belt may be slipping and require more tension. Loosen the four domed motor securing bolts, below the thickening table. Loosen the tensioning bolt locking nut and adjust the bolt at your discretion.

(NOTE: MAKE SMALL ADJUSTMENTS) Nip-up the locking nut and re-tighten the motor domed bolts. Start the machine and run a peice of timber through. If adjust is still required repeat the process until correct.



AP260SPT EXPLODED DIAGRAM / PARTS LIST

Parts List (Diagram A)

No.	Description		
1	Machinery body	39	Cross recessed countersunk M6X25
2	Turnover mount,planer table	40	Fixed board,motor
3	Cutter block assembly	41	Hex.nut M8
4	Motor	42	Hex. socket set screws M8x15 with flat end
5	Thickneser table assembly	43	Motor pulley
6	Pulley cover	44	Hex.socket cap head screw M8X35
7	Outfeed assembly	45	Nut M8
8	Positioning bolt	46	Spring
9	Moveable cover	47	Cross recessed pan head screw M4X30
10	Infeed assembly	48	Hex.nut M4
11	Limit switch	49	Washer 4
12	Stopping rod	50	Locking axle sleeve
13	Hex.thin nut M8	51	Oil-retaining bearing
14	Supporting spring A	52	Locking sleeve,bearing
15	Supporting spring B	53	Height scale,thickneser table
16	Hand lever	54	Cross recessed countersunk M4X8
17	Hex.socket cap head screw M10X25	55	Spacer bush
18	Flat washer 10	56	Hex.nut M10X35
19	Hex.socket cap head screw M6X15	57	Positioning bush
20	Protective finger catch	58	Cross recessed countersunk M6X16
21	Protective plate	59	Protective guard assembly
22	Fixed strip	60	Hex.locking nut M10
23	Lifting handle	61	Rip fence assembly
24	Pointer	62	Tension wheel
25	Emergency stop	63	Tension wheel shaft
26	Depth scale	64	Hex.bolt M8X70
27	Bearing	65	Hex.socket cap head screw M8X25
28	Readout	66	Power switch
29	Fixed board,readout	67	Hex.flange bolt M8X40
30	Pressing board,bearing	68	Hex.flange nut M12
31	Combined extraction hood	69	Cover plate,friction wheel
32	Extraction hood bracket lock	70	Cover plate
33	Hex.bolt M8X45	71	Hex.bolt M6X12
34	Washer 8	72	Cap nut M6
35	Hex.self-locking nut M8	73	Washer 6
36	Big washer 8	74	Cross recessed pan head screw M6X8
37	Transmission assembly	75	Washer 6
38	Hex.bolt M8X55	76	Cover plate,outfeed roller
		77	Cover plate,infeed roller

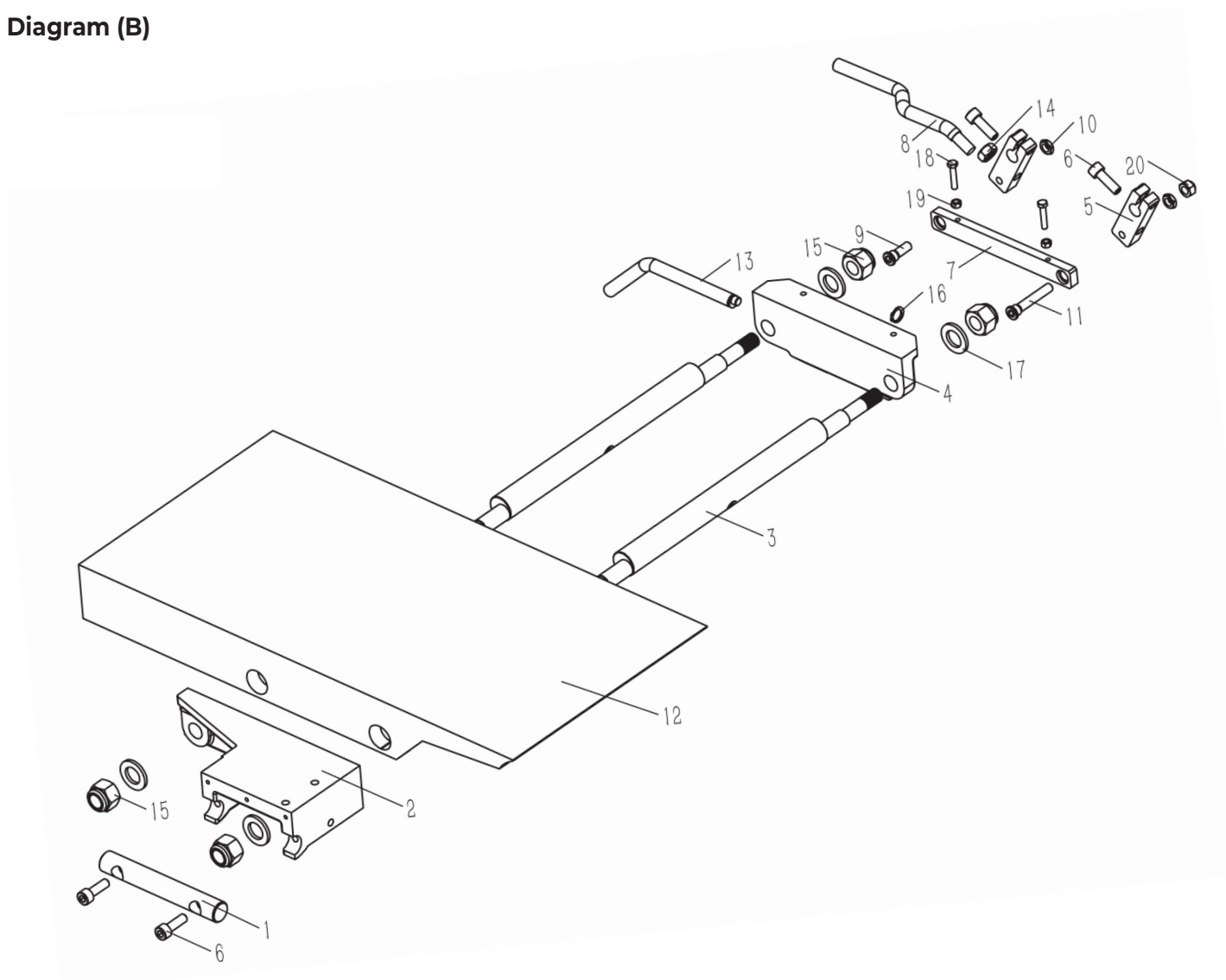
AP260SPT EXPLODED DIAGRAM / PARTS LIST

78	Hex.socket cap head screw M6X6
79	Cross recessed pan head screw M5X8
80	Washer 5
81	Cross recessed pan head screw M4X10
82	Stopping rod
83	Protective cover
84	Cross recessed pan head screw M5X10
85	Hex.nut M10
86	Cap-head step bolt
87	Pressing board
88	Cross recessed pan head screw M5X10
89	Hex.nut M5
90	Machine base
91	Hex.socket cap head screw M6X12
92	Protective board
93	Hex.socket cap head screw M6X15
94	Cross recessed pan head screw M5X8
95	Cross recessed pan head screw M5X8
96	Hex.socket cap head screw M8X20
97	Hex.socket countersunk screw M6X10
98	Circlips for shafts 8
99	Washer 6

100	Hex.bolt M6X16
101	Metric-bushing M20
102	Power cord
103	Hex.bolt M8X110
104	Spring
105	Pressing board
106	Cross recessed pan head screw M5X12
107	Stopping shaft,vacuum hood
108	Hex.nut M6
109	Drive belt
110	Drive chain
111	Handwheel
112	Knob
113	Screw,knob
114	End cap
115	O shape washer
116	Hex. socket set screws M6x10 with flat end
117	Dust port
118	Hex.socket cap head screw M8X12
119	Plastic gasket
120	Nut M8

AP260SPT EXPLODED DIAGRAM / PARTS LIST

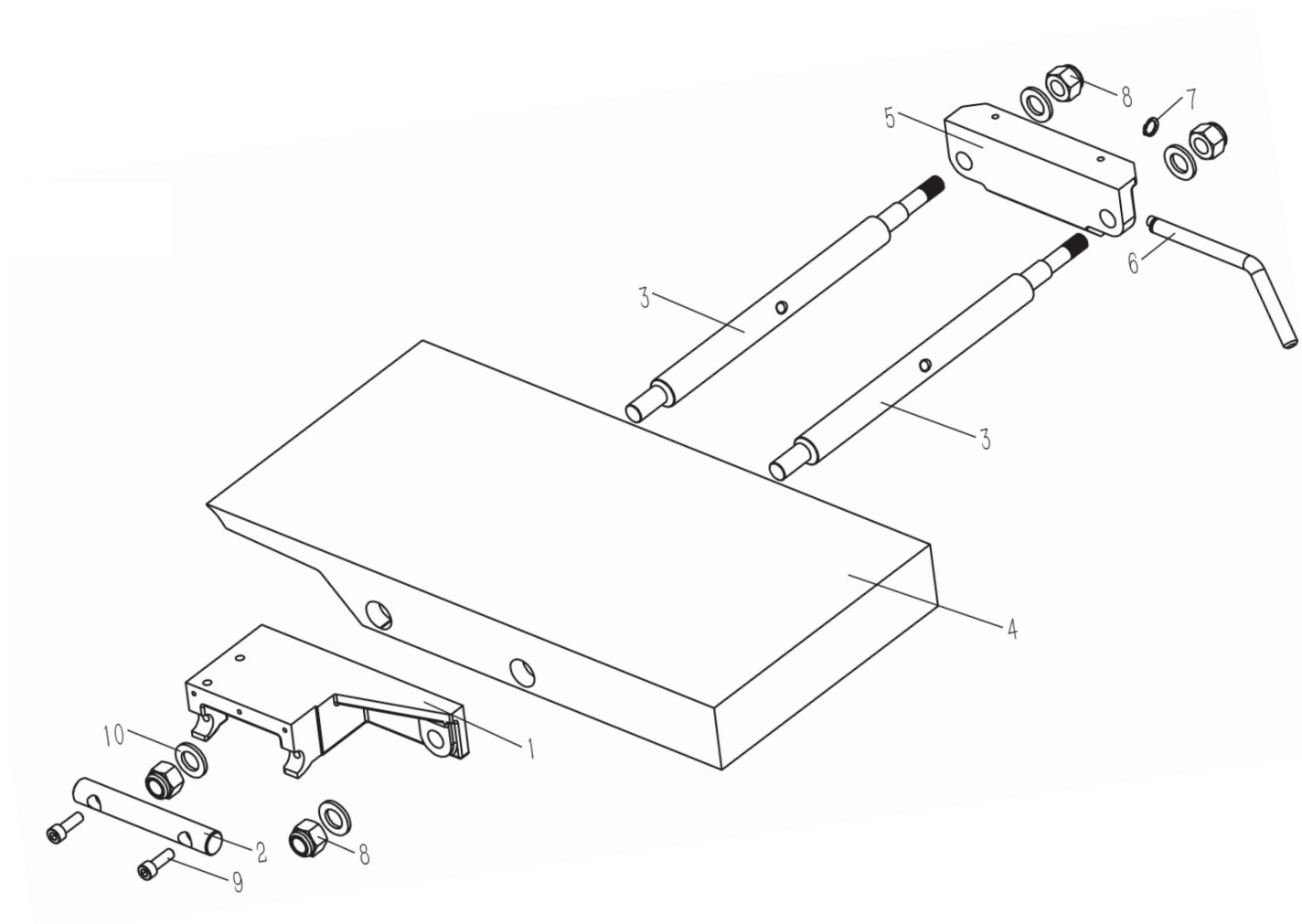
Diagram (B)



Parts List (Diagram B)

No.	Description	No.	Description
1	In-outfeed table shaft	11	Step bolt
2	Adjustable block infeed table	12	Infeed table
3	Eccentric shaft	13	Locking shaft
4	Locking block,infeed table	14	Hex.nut M10
5	Swing arm	15	Hex.locking nut M16
6	Hex.socket cap head screw M8X25	16	Circlips for shafts 12
7	Connection rod	17	Washer 16
8	Adjust handle, planer table	18	Hex.bolt M5X25
9	Step bolt	19	Hex.nut M5
10	Thin hex.nut M8	20	Hex.self-locking nut M8

Diagram (C)



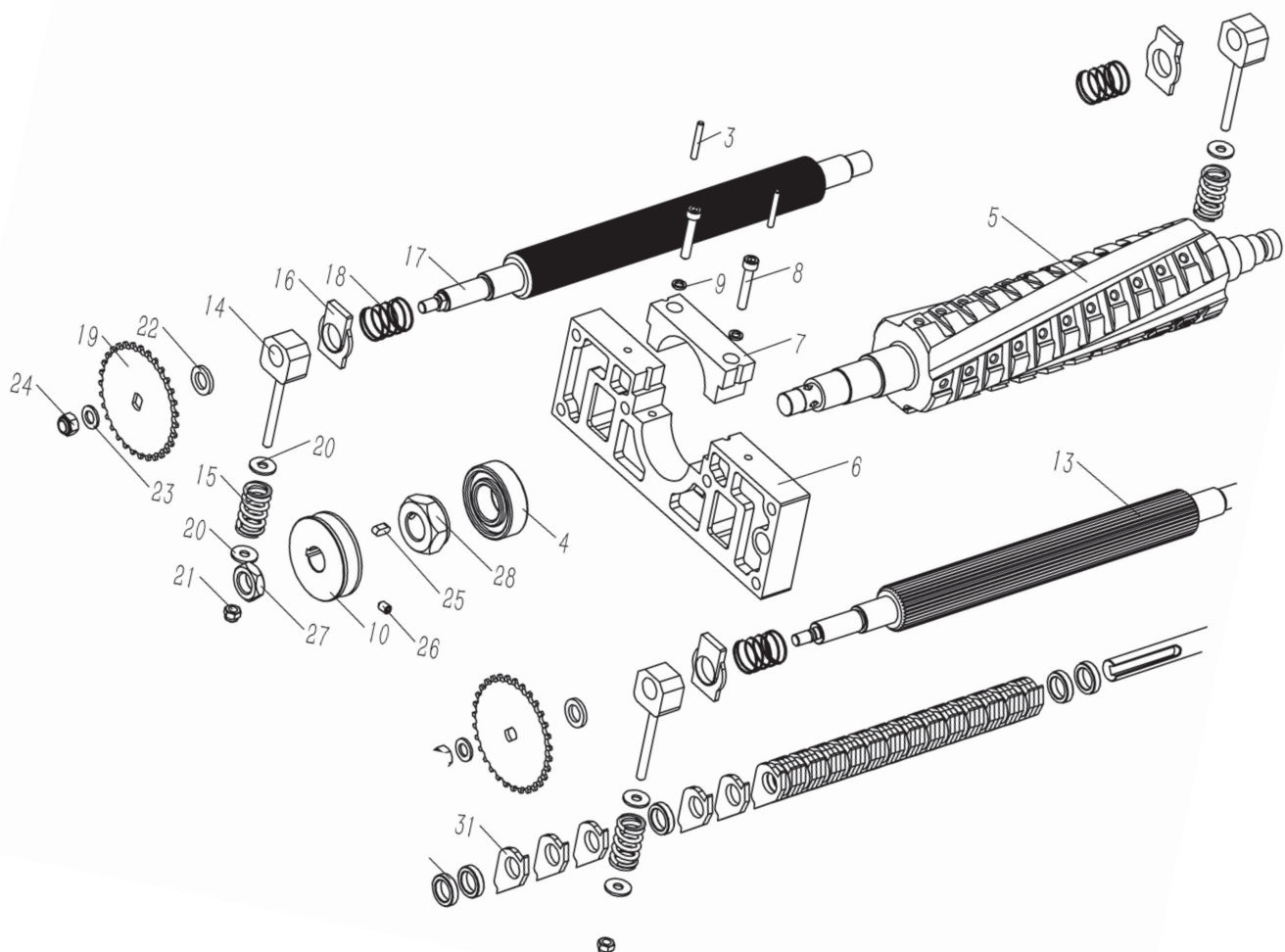
Parts List (Diagram C)

No.	Description
1	Adjustable block outfeed table
2	In-outfeed table shaft
3	Eccentric shaft
4	Outfeed table
5	Locking block,outfeed table

6	Table lock
7	Locking shaft
8	Hex.locking nut M16
9	Hex.socket cap head screw M8X25
10	Washer 16

AP260SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (D)

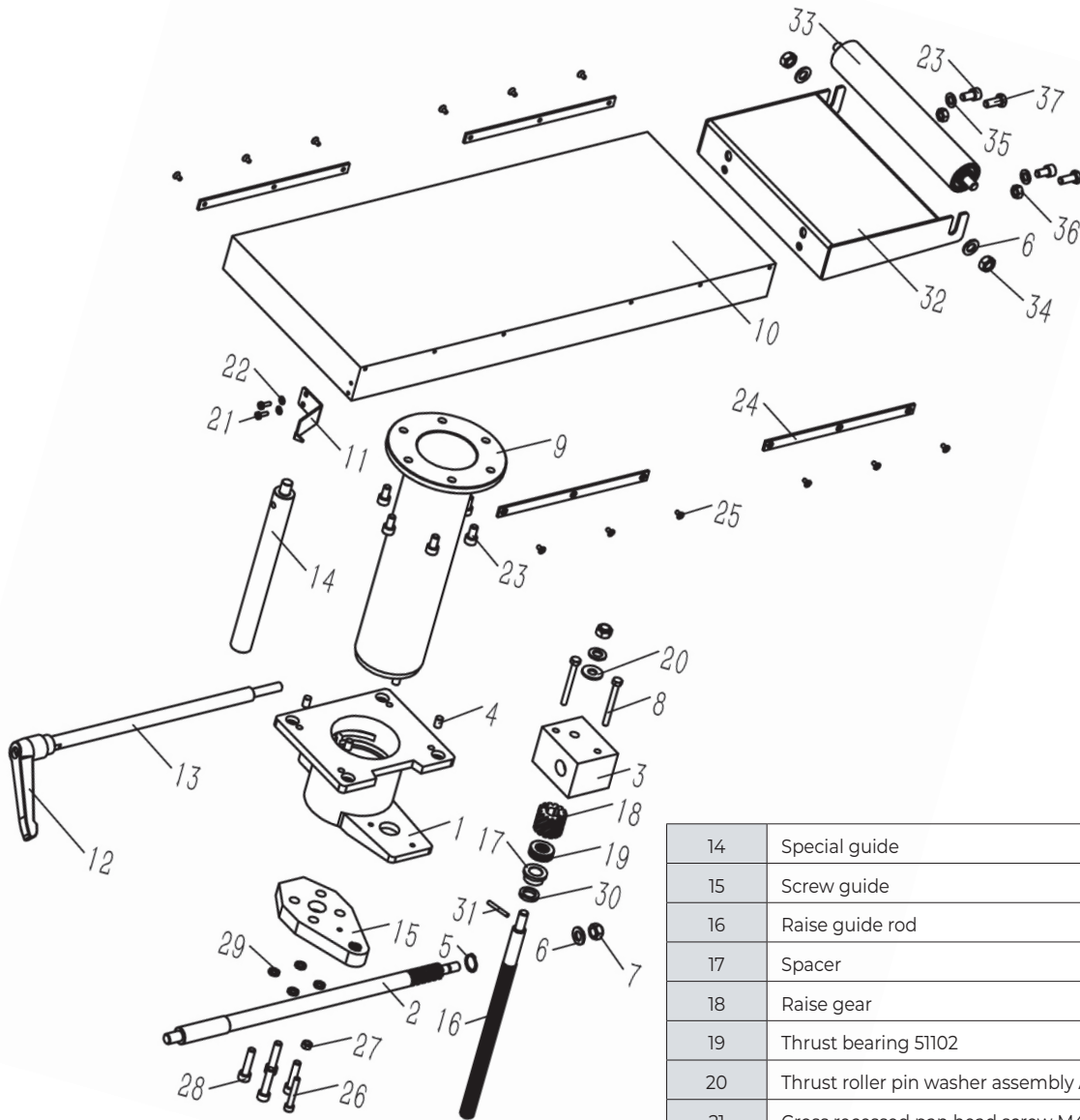


Parts List (Diagram D)

No.	Description	No.	Description
1	Cutter block bracket,front	17	Outfeed roller
2	Clamping block,front cutter block	18	Spring
3	Straight pin 5X25	19	Sprocket A
4	Ball bearing 6205-2RZ	20	Washer 6
5	Spiral cutter block	21	Hex.locking nut M6
6	Cutter block bracket,rear	22	Sprocket spacer
7	Clamping block,rear cutter block	23	Washer 8
8	Hex.socket cap head screw M6X15	24	Hex.self-locking nut M8
9	Spring washer 6	25	Key 5x5x10
10	Spindle pulley	26	Hex.socket set screw M6X10 with flat end
11	Special nut,cutter block	27	Hex.nut M16
12	Washer 20	28	Anti-loosening nut
13	Infeed roller	29	Hex.socket set screw M6X8 with flat end
14	Slide piece	30	Dust hood shaft
15	Pressing spring	31	Recoil lock
16	Square spacer	32	Collar

AP260SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (E)



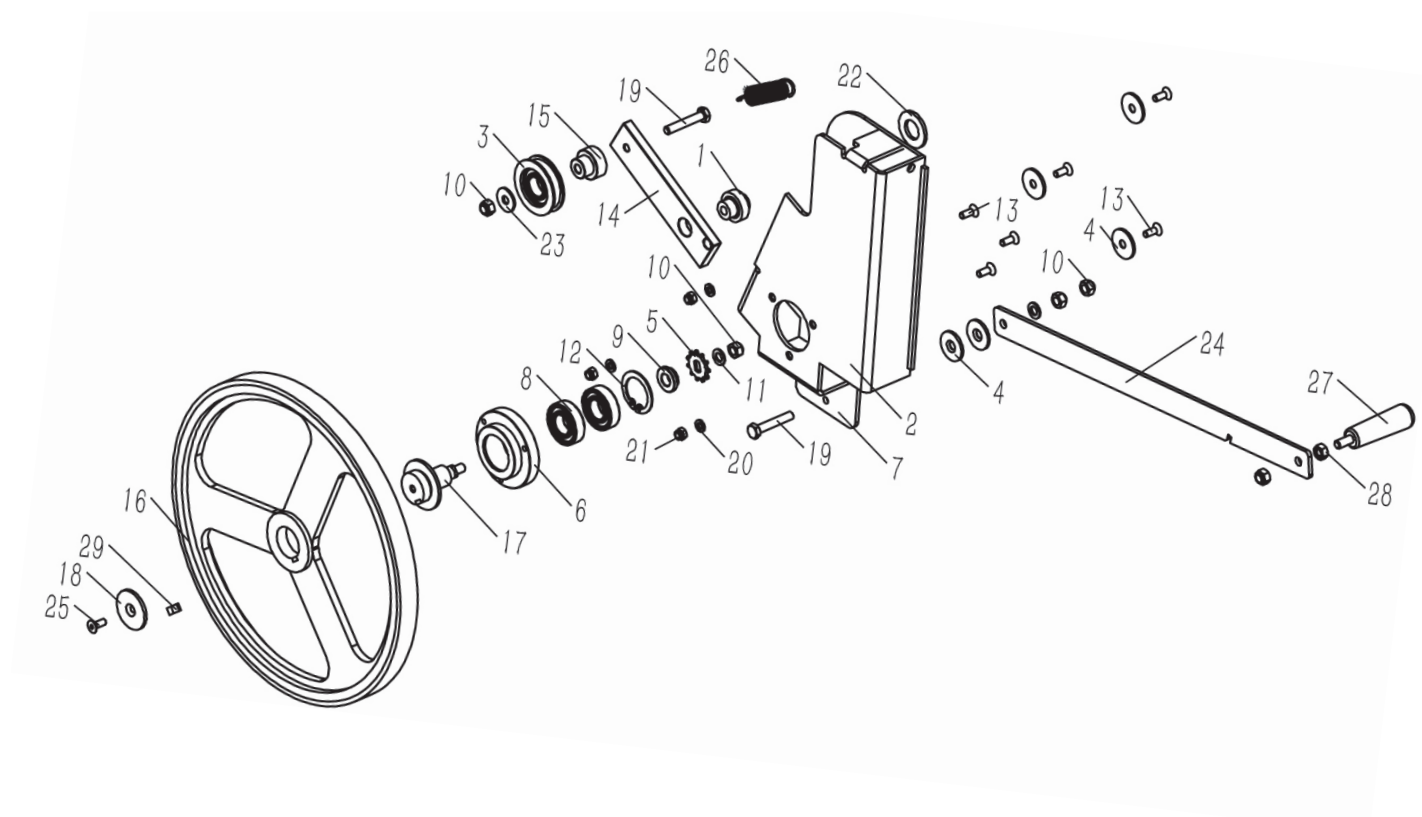
Parts List (Diagram E)

No.	Description
1	Fixed guide rail
2	Clamp lever,assembly
3	Raise gear seat
4	Hex.socket set screw M8X12 with flat end
5	Circlips for shafts 18
6	Washer 10
7	Hex.locking M10
8	Hex.bolt M6X60
9	Raise guide rail
10	Thickneser table
11	Height pointer
12	Ratchet lever
13	Clamp rod

14	Special guide
15	Screw guide
16	Raise guide rod
17	Spacer
18	Raise gear
19	Thrust bearing 51102
20	Thrust roller pin washer assembly AXK1024
21	Cross recessed pan head screw M4X12
22	Washer 14
23	Hex.socket cap head screw M8X16
24	Edge-plate
25	Cross recessed countersunk screw M4X8
26	Hex.socket cap head screw M6X40
27	Hex.nut M6
28	Hex.socket cap head screw M8X35
29	Spring washer 8
30	Spacer
31	Straight pin 5x10
32	Extension table,thicknesser table
33	Roller
34	Hex.nut M10
35	Washer 8
36	Hex.nut M8
37	Hex.bolt M8X20

AP260SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (F)

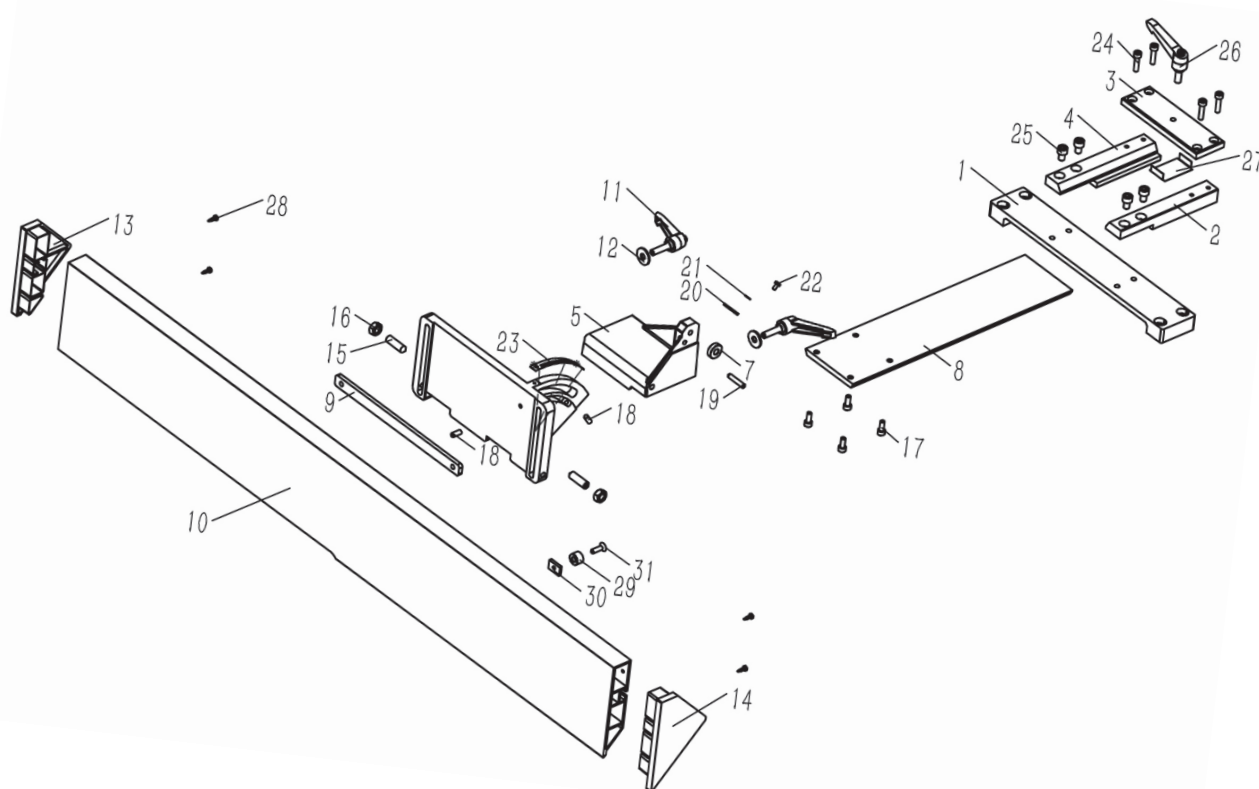


Parts List (Diagram F)

No.	Description		
1	Positioning bush	15	Collar
2	Guide,friction pulley	16	Sprocket A
3	Tension pulley	17	Shaft
4	Plastic washer	18	Shaft gland
5	Sprocket B	19	Hex.bolt M8X45
6	Spacer lock	20	Washer 6
7	Guide,friction pulley	21	Hex.locking nut M6
8	Ball bearing 6004-2RZ	22	Washer 20
9	Sprocket washer	23	Big washer 8
10	Hex.self-locking nut M8	24	Lever friction pulley
11	Washer 8	25	Hex.socket countersunk M6X16
12	Circlips for holes 42	26	Pull spring
13	Cross recessed countersunk M6X16	27	Handle,lever
14	Tension plate	28	Hex.nut M8
		29	Key 8x7x7

AP260SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (G)

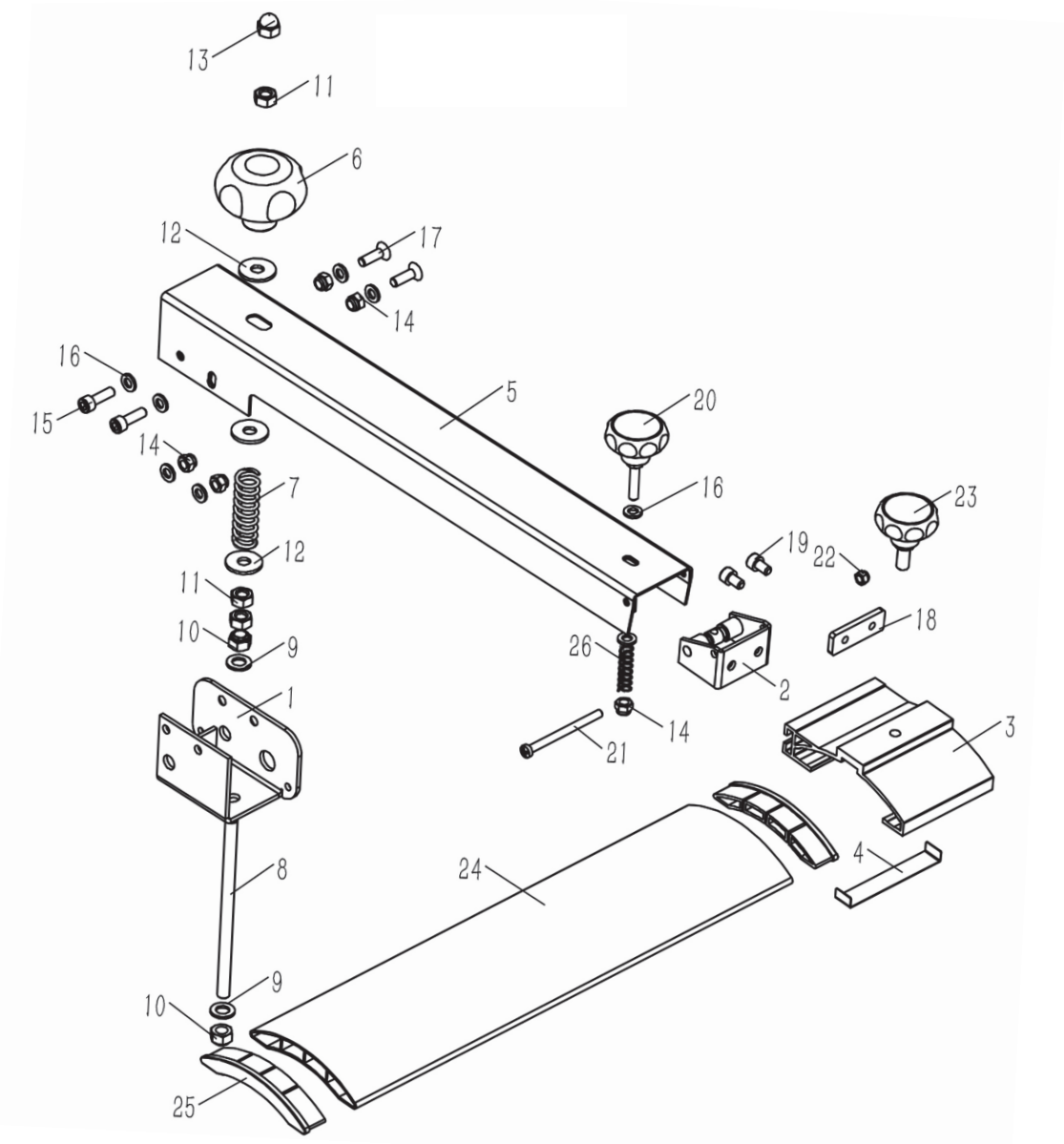


Parts List (Diagram G)

No.	Description	No.	Description
1	Guide bracket	16	Hex.nut M10
2	Right guide block	17	Hex.socket cap head screw M6X16
3	Wedge-cover	18	Hex.socket set screw M6X15 with flat end
4	Left guide block	19	Split straight pin 6x30
5	Fence segment	20	Pointer
6	Fence carrier	21	Washer4
7	Washer	22	Cross recessed pan head screw M4x8
8	Arbor guard plate	23	Angle scale
9	Bolt guide	24	Hex.socket cap head screw M6X25
10	Rip fence	25	Hex.socket cap head screw M8X12
11	Adjusting handle M8X28	26	Adjusting handle M8X20
12	Washer 8	27	Pad plate
13	Right end cover,rip fence	28	Cross recessed pan head tapping screw ST3.5X12
14	Left end cover,rip fence	29	Spacer
15	Hex.socket set screw M10X35 with taper end	30	Square nut
		31	Cross recessed countersunk M6X20

AP260SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (H)

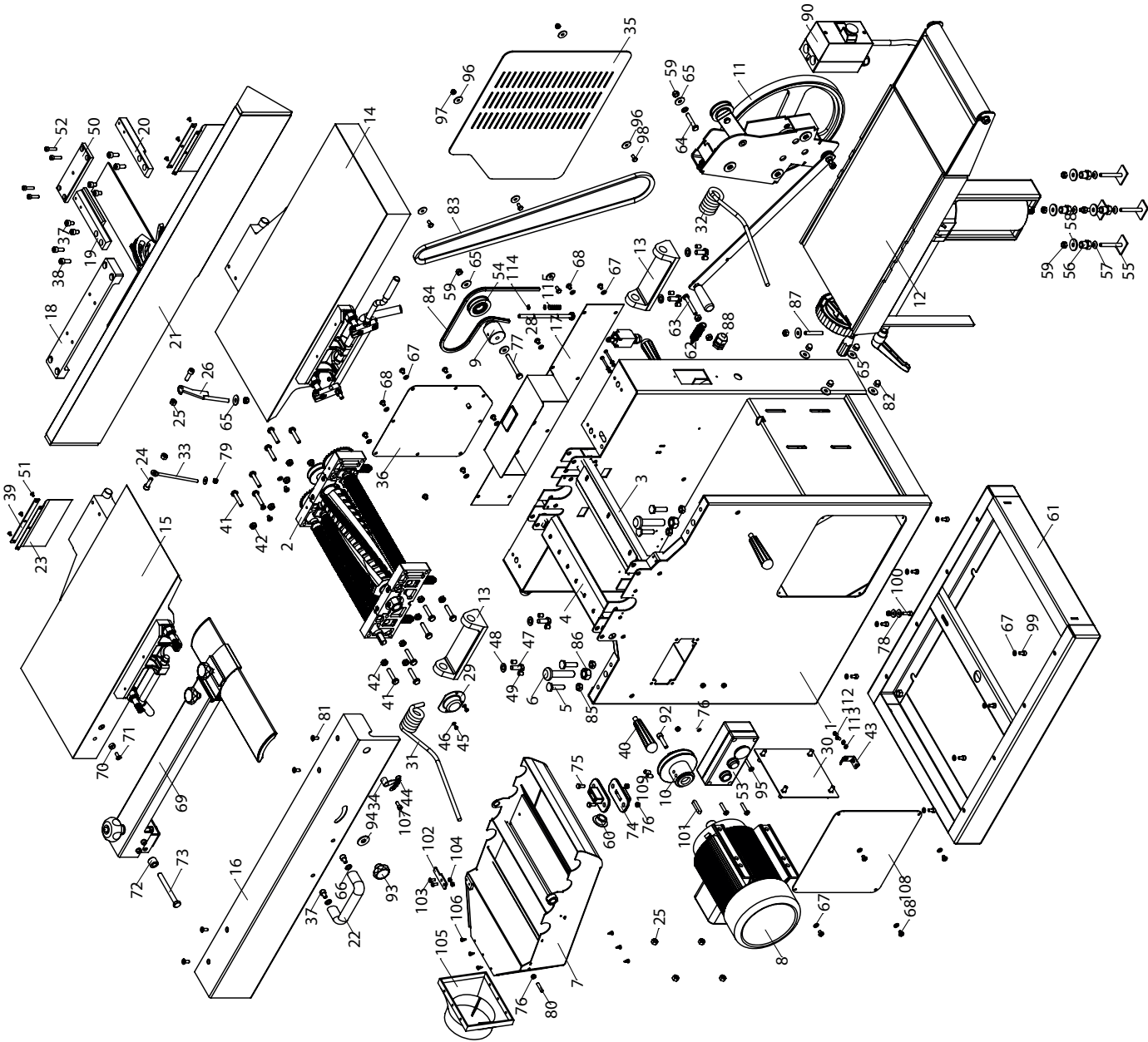


Parts List (Diagram G)

No.	Description	No.	Description
1	Swivel base	14	Hex.locking M6
2	Locking support	15	Hex.socket cap head screw M6X20
3	Joint,bridge guard	16	Washer 6
4	Pad plate	17	Cross recessed countersunk M6X20
5	Fence carrier	18	Bolt guide
6	Round knob	19	Hex.socket cap head screw M6X20
7	Spring	20	Round knob M6
8	Screw rod	21	Cross recessed pan head screw M5X65
9	Washer 8	22	Hex.locking M5
10	Hex.self-locking nut M8	23	Round knob M8
11	Hex.nut M8	24	Protective guard
12	Big washer 8	25	End cap,protective guard
13	Cap nut M8	26	Spring

AP310SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (A)



AP310SPT EXPLODED DIAGRAM / PARTS LIST

Parts List (Diagram A)

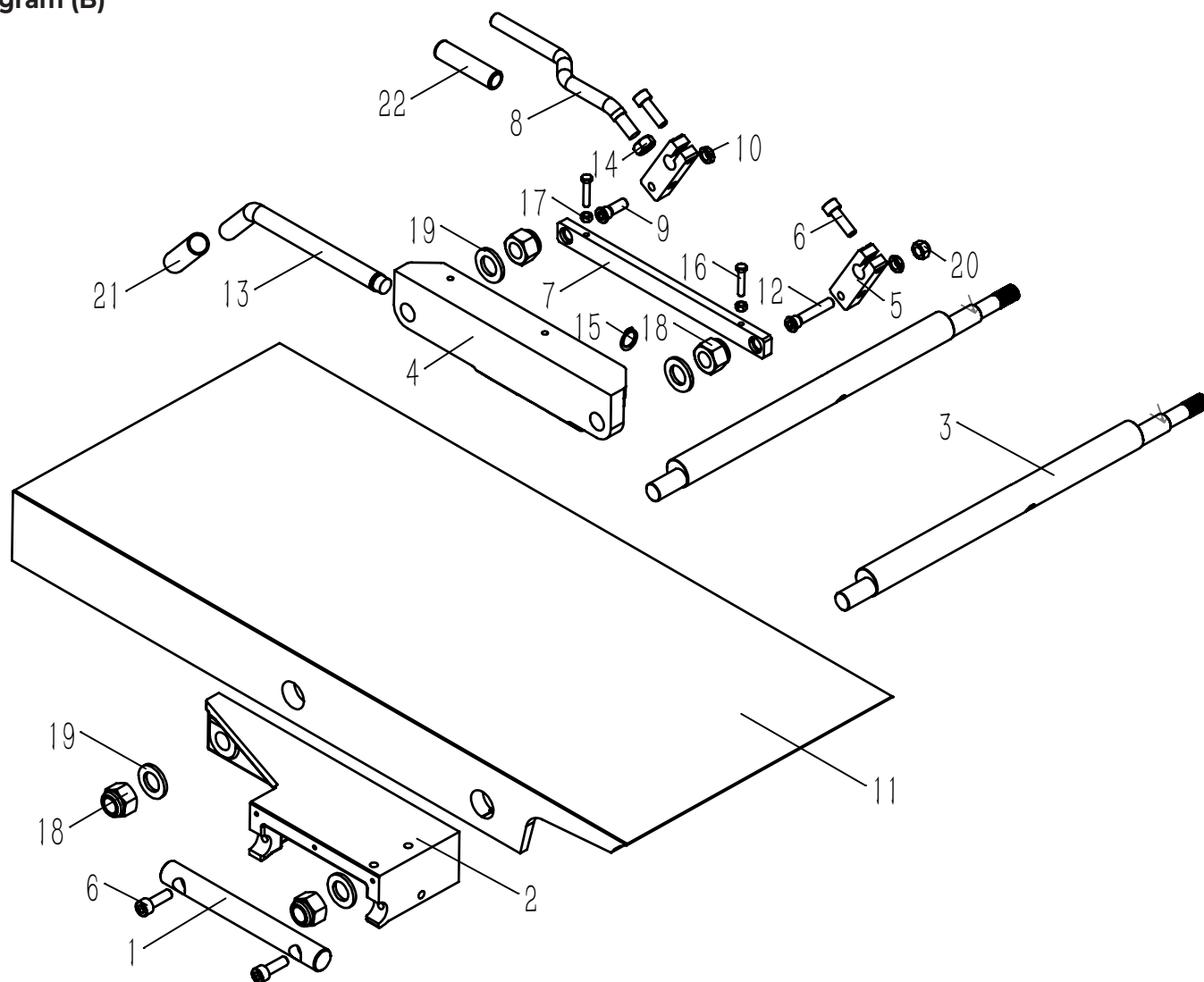
No.	Description		
1	Machine body	39	Fixed strip
2	Spiral cutter block assembly	40	Lifting handle
3	Cover plate,outfeed roller	41	Hex.flange bolt M8X40
4	Cover plate,infeed roller	42	Hex.nut M8
5	Positioning bolt	43	Stoppong plate,dust port
6	Locking bolt	44	Depth scale
7	Combined vacuum hood	45	Cross recessed pan head screw M4X6
8	Motor	46	Washer 4
9	Tension wheel shaft	47	Hex.bolt M10X25
10	Motor pulley	48	Washer 10
11	Transmission assembly	49	Hex. socket set screws M8x12 with flat point
12	Thicknesser table assembly	50	Pressing board
13	Turnover mount,planer table	51	Cross recessed countersunk M4X8
14	Infeed table assembly	52	Hex.socket cap head screw M6X25
15	Outfeed table assembly	53	Switch box
16	Moveable cover	54	Tension wheel
17	Pulley cover	55	Fixed bolt
18	Guide bracket	56	Adjustable nut
19	Left guide block	57	Washers with ball face
20	Right guide block	58	Big washer 8
21	Rip fence assembly	59	Hex.self-locking nut M8
22	Hand lever	60	Locking axle sleeve
23	Protective plate	61	Machine base
24	Hex.socket cap head screw M8X25	62	Pull spring
25	Hex.nut M8	63	Hex.bolt M8X55
26	Protective finger catch	64	Hex.bolt M8X45
27	Limit switch	65	Big washer 8
28	Stopping rod	66	Washer 8
29	Protective cover	67	Washer 6
30	Fixed board,motor	68	Cross recessed pan head screw M6X8
31	Supporting spring B	69	Protective guard assembly
32	Supporting spring A	70	Positioning bush
33	Stopping rod	71	Cross recessed countersunk M6X16
34	Pointer	72	Spacer bush
35	Cover plate,friction wheel	73	Hex.bolt M10X100
36	Cover plate	74	Scale, body
37	Hex.socket cap head screw M8X12	75	Hex.bolt M6X16
38	Hex.socket cap head screw M8X20	76	Hex.nut M6
		77	Hex.bolt M8X70

AP310SPT EXPLODED DIAGRAM / PARTS LIST

78	Big washer 6	97	Cap nut M6
79	Hex.locking nut M6	98	Hex.bolt M6X12
80	Stopping shaft,vacuum hood	99	Hex.socket cap head screw M6X12
81	Hex.socket countersunk screw M6X16	100	Hex.socket cap head screw M6X20
82	Cap nut M8	101	Key 8x7x32
83	Drive belt	102	Pressing board
84	Drive chain	103	Cross recessed pan head screw M5X12
85	Hex.nut M10	104	Hex.nut M5
86	Hex.nut M16	105	Dust port
87	Hex. socket set screws M8x50 with flat end	106	Crossrecessed pan head tapping screws ST 4.2X10
88	Metric-bushing M20	107	Hex.socket cap head screw M6X16
89	Power cord	108	Cover plate
90	Motor start	109	Hex. socket set screws M8x50 with flat point
91	Cross recessed pan head screw M4X10	110	Cross recessed pan head screw M4X30
92	Hex.socket cap head screw M8X35	111	Hex.nut M4
93	Nut.M8	112	Cross recessed pan head screw M5X10
94	Plastic gasket	113	Wasjer 5
95	Cross recessed pan head screw M6X30	114	Circlips for shafts 8
96	Big washer 6	115	Spring

AP310SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (B)

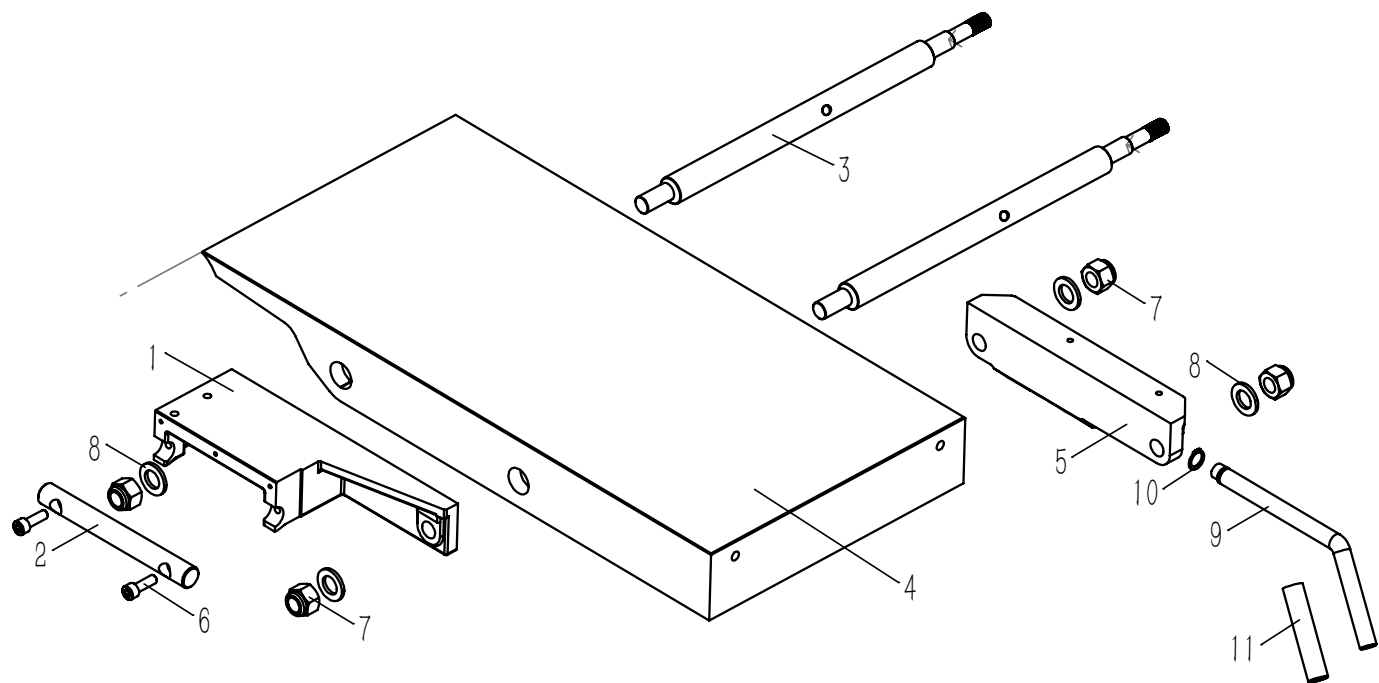


Parts List (Diagram B)

No.	Description
1	In-outfeed table shaft
2	Adjustable block, infeed table
3	Eccentric shaft
4	Locking block,infeed table
5	Swing arm
6	Hex.socket cap head screw M8X25
7	Connection rod
8	Adjust handle, planer table
9	Step bolt
10	Thin hex.nut M8
11	Infeed table

12	Step bolt
13	Eccentric handle
14	Hex.nut M10
15	Circlips for shafts 15
16	Hex.bolt M5X25
17	Hex.nut M5
18	Hex.locking nut M16
19	Washer 16
20	Hex.self-locking nut M8
21	Handle sleeve
22	Handle sleeve

Diagram (C)

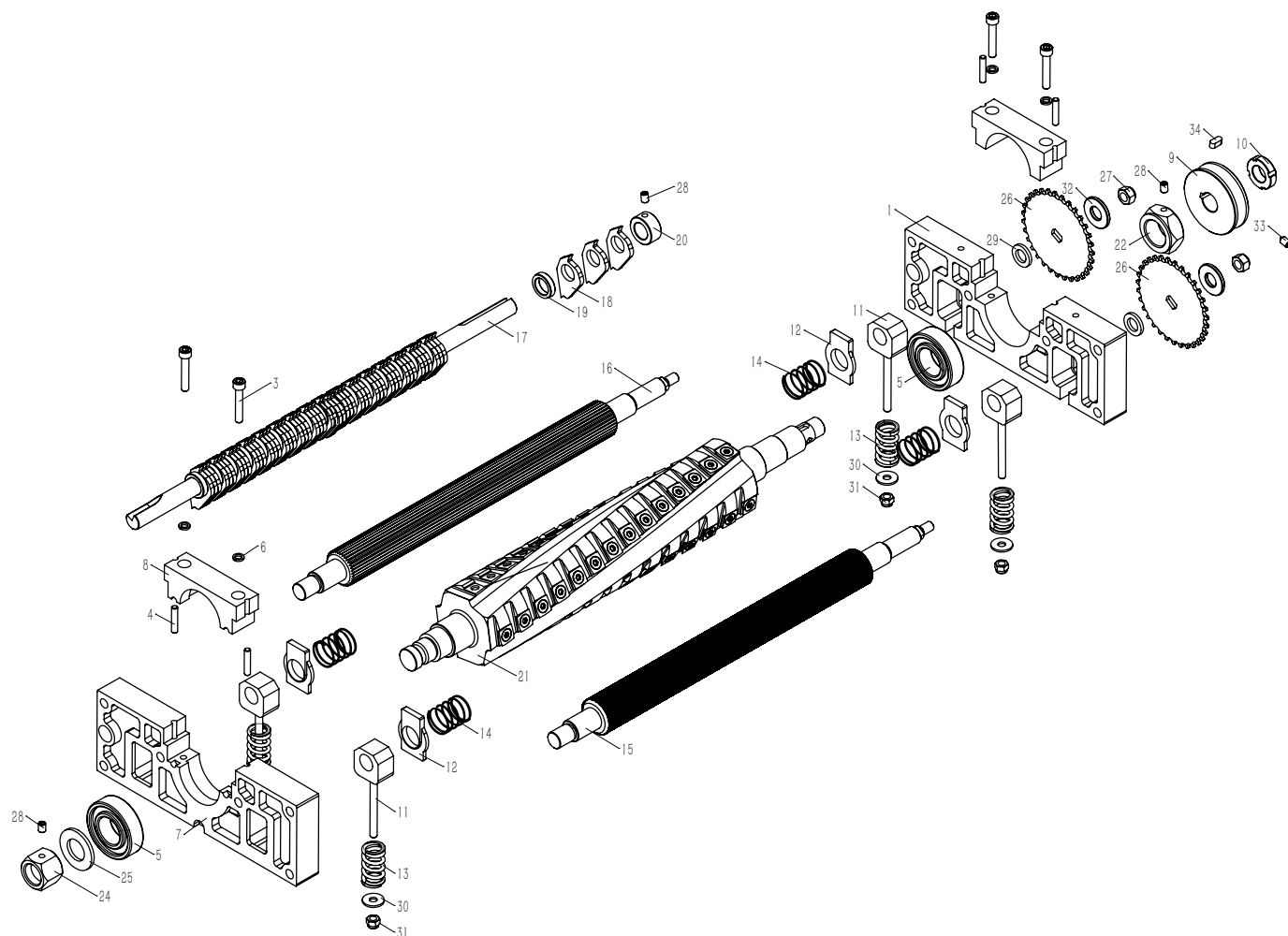


Parts List (Diagram C)

No.	Description	No.	Description
1	Adjustable block, outfeed table	6	Hex.socket cap head screw M8X25
2	In-outfeed table shaft	7	Hex.locking nut M16
3	Eccentric shaft	8	Washer 16
4	Outfeed table	9	Table lock
5	Locking block,outfeed table	10	Circlips for shafts 15
		11	Handle sleeve

AP310SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (D)

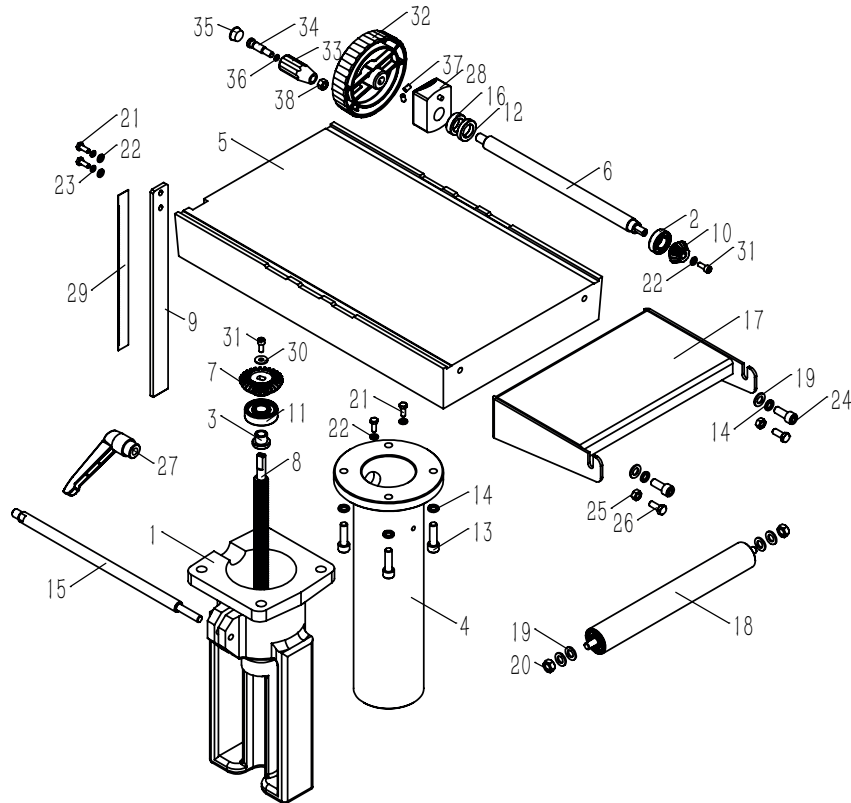


Parts List (Diagram D)

No.	Description	No.	Description
1	Cutter block bracket,rear	18	Recoil lock
2	Clamping block,rear cutter block	19	Collar
3	Hex.socket cap head screw M6X35	20	Spiral cutter block assembly
4	Roll pin 5x25	21	Anti-loosening nut
5	Ball bearing 6205-2RZ	22	Cutter blade
6	Spring washer 6	23	Nut,cutter block
7	Cutter block bracket,front	24	Washer 20
8	Clamping block,front cutter block	25	Sprocket A
9	Spindle pulley	26	Hex.self-locking nut M8
10	Anti-loosening nut	27	Hex.socket set screw M6X8 with flat end
11	Glide piece	28	Sprocket spacer
12	Square spacer	29	Big washer 6
13	Pressing spring	30	Hex.locking nut M6
14	Spring	31	Sprocket washer
15	Outfeed roller	32	Hex.socket set screw M6X10 with taper end
16	Infeed roller	33	Key 5x5x12
17	Dust hood shaft	34	Collar

AP310SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (E)

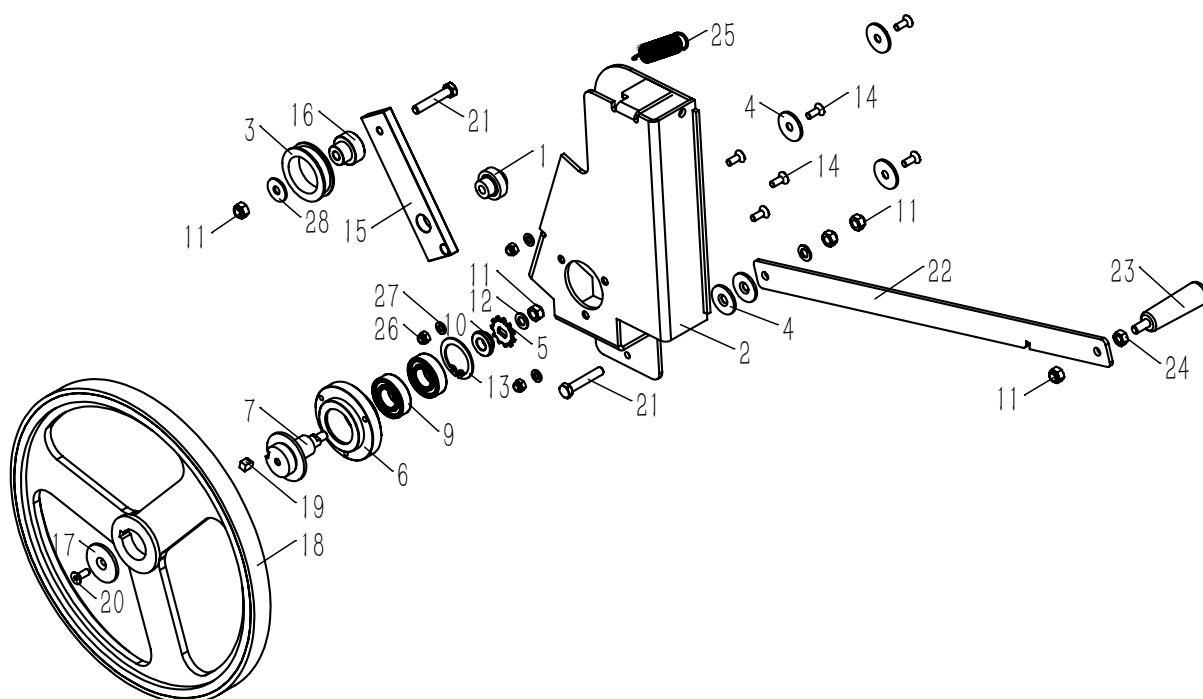


Parts List (Diagram E)

No.	Description	No.	Description
1	Fixed guide rail	20	Hex.nut M10
2	Ball bearing 6003-2LS	21	Hex.bolt M6X16
3	Bearing seat	22	Washer 6
4	Raise guide rail	23	Spring washer 6
5	Thicknesser table	24	Hex.socket cap head screw M10X25
6	Raise drive rod	25	Hex.nut M8
7	Cone gear A	26	Hex.bolt M8X20
8	Raise guide rod	27	Ratchet lever
9	Scale rule	28	Readout
10	Cone gear B	29	Height scale,thicknesser table
11	Ball bearing 6303-2RZ	30	Big washer 6
12	Collar stop	31	Hex.socket cap head screw M6X16
13	Hex.socket cap head screw M10X35	32	Handwheel
14	Spring washer 10	33	Knob
15	Clamp rod	34	Knob screw
16	Collar stop	35	End cap
17	Extension thicknesser table assembly	36	O shape washer
18	Roller	37	Hex. socket set screws M6x10 with flat end
19	Washer 10	38	Hex.nut M8

AP310SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (F)

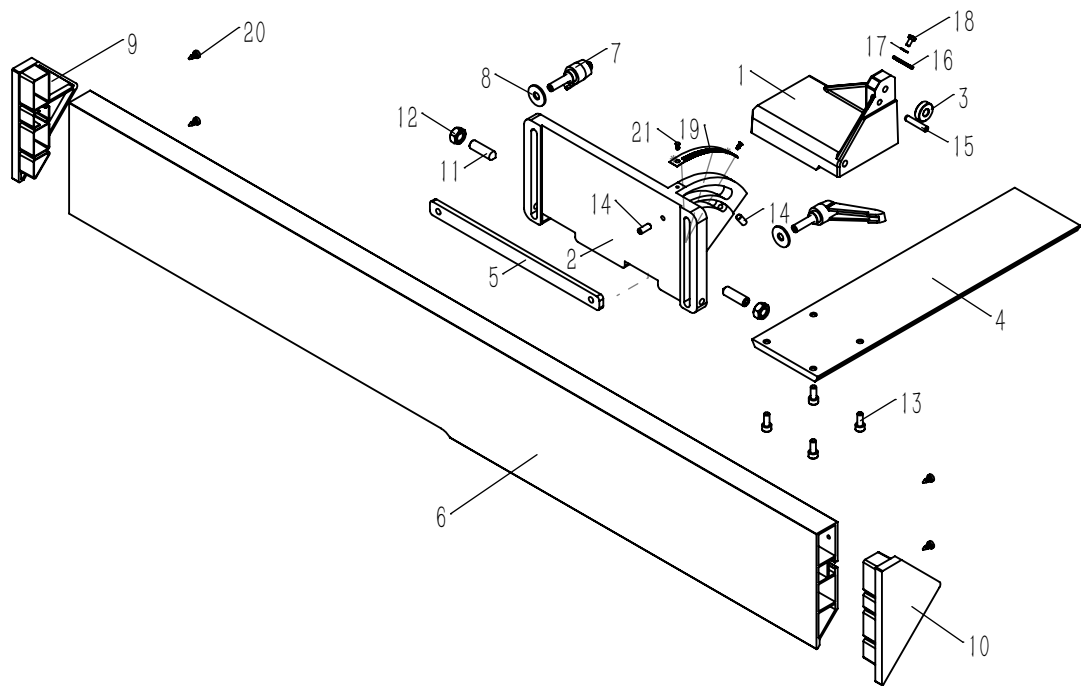


Parts List (Diagram F)

No.	Description
1	Positioning bush
2	Guide,friction pulley
3	Tension pulley
4	Plastic washer
5	Sprocket B
6	Spacer lock
7	Shaft
8	Guide,friction pulley
9	Guide,friction pulley
10	Ball bearing 6004-2RZ
11	Sprocket washer
12	Washer 8
13	Circlips for holes 42
14	Cross recessed countersunk M6X16

15	Tension plate
16	Collar
17	Shaft gland
18	Sprocket A
19	Key 8x7x7
20	Hex.socket countersunk M6X16
21	Hex.bolt M8X45
22	Lever,friction pulley
23	Handle,lever
24	Hex.nut M8
25	Pull spring
26	Hex.locking nut M6
27	Washer 6
28	Big washer 8

Diagram (G)

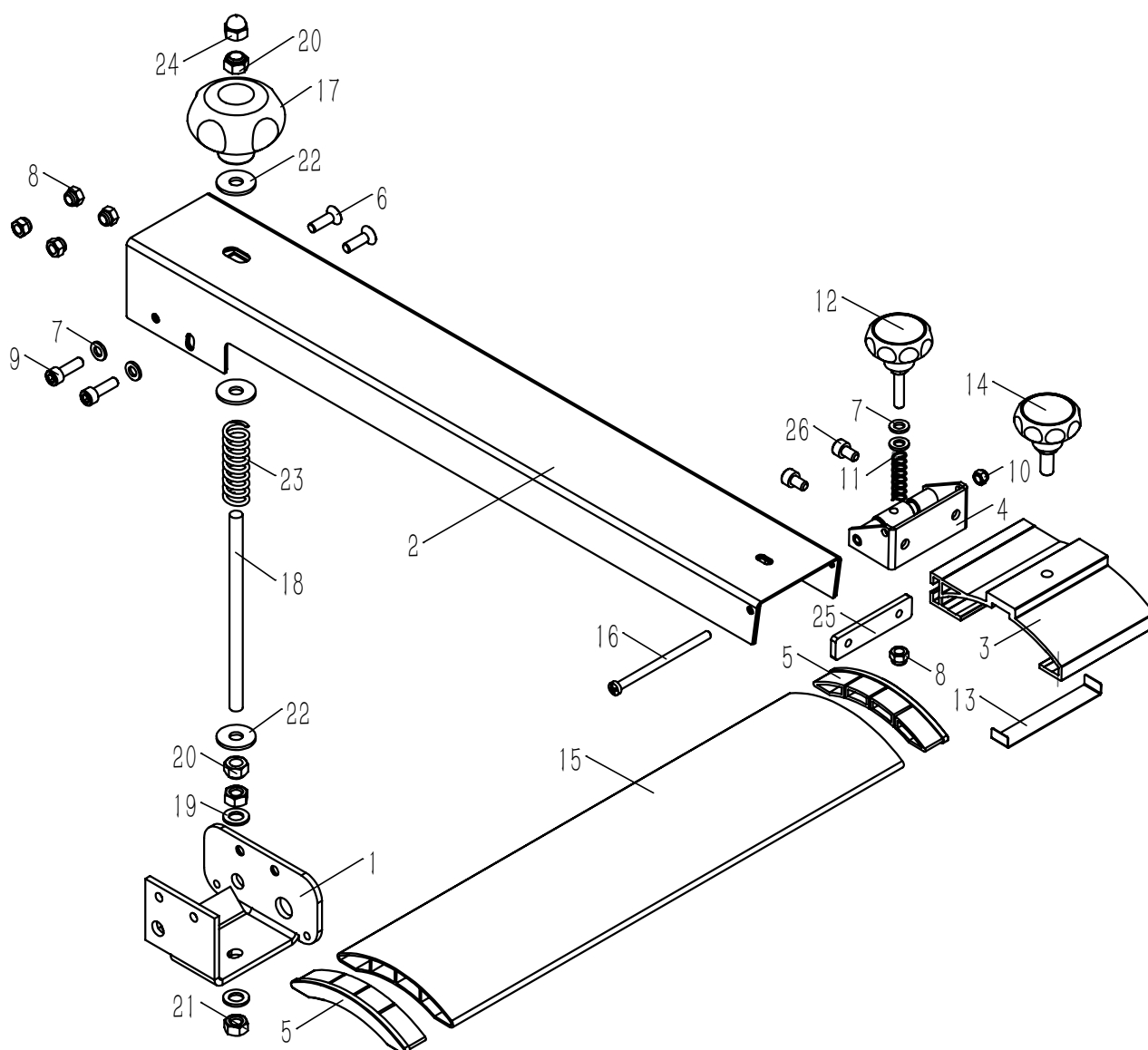


Parts List (Diagram G)

No.	Description		
1	Fence segment	11	Hex.socket set screw M10X35 with taper end
2	Fence carrier	12	Hex.nut M10
3	Washer	13	Hex.socket cap head screw M6X16
4	Arbor guard plate	14	Hex.socket set screw M6X15 with flat end
5	Bolt guide	15	Split straight pin 6x30
6	Rip fence	16	Pointer
7	Adjusting handle M8X28	17	Washer 4
8	Washer 8	18	Cross recessed pan head screw M4x8
9	Right end cover,rip fence	19	Angle scale
10	Left end cover,rip fence	20	Cross recessed pan head tapping screw ST3.5X12
		21	Rivet 3x6

AP310SPT EXPLODED DIAGRAM / PARTS LIST

Diagram (H)

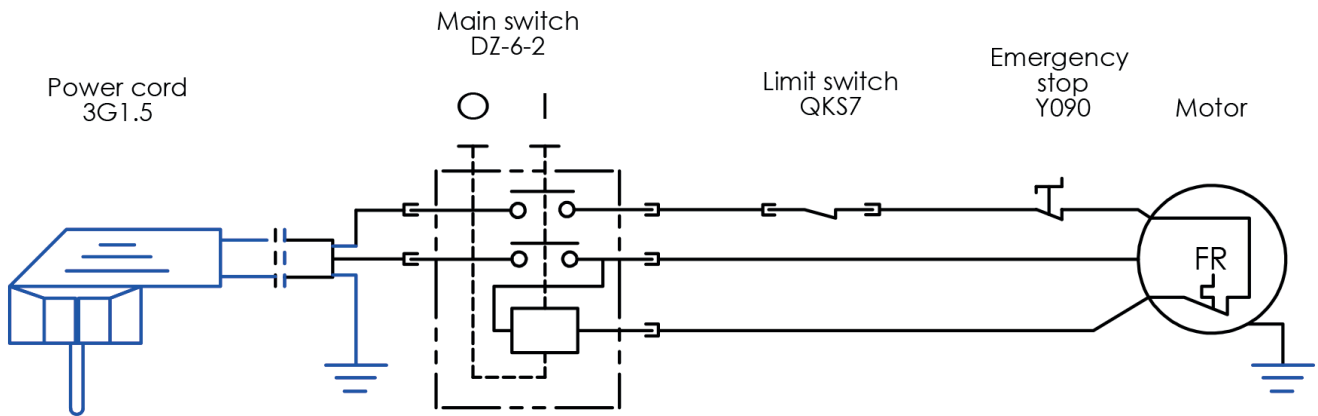


Parts List (Diagram H)

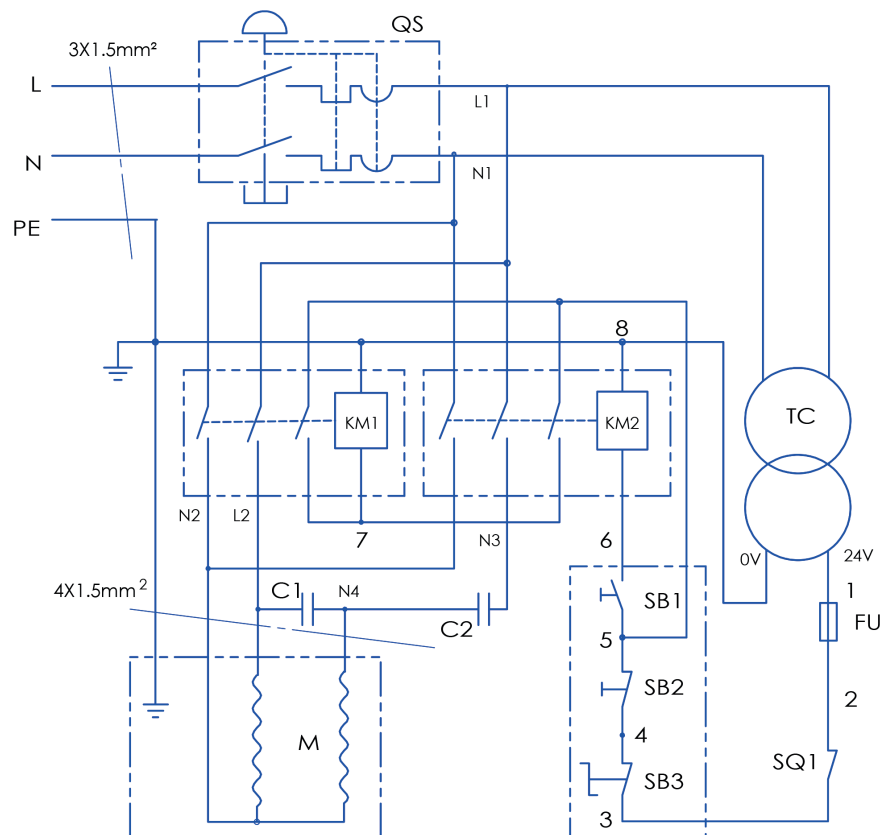
No.	Description
1	Swivel base
2	Fence carrier
3	Joint,bridge guard
4	Locking support
5	End cap,protective guard
6	Cross recessed countersunk M6X20
7	Washer 6
8	Hex.locking nut M6
9	Hex.socket cap head screw M6X20
10	Hex.locking nut M5
11	Spring
12	Round knob M6
13	Pad plate

14	Round knob M8
15	Protective guard
16	Cross recessed pan head screw M5X8
17	Round knob
18	Screw rod
19	Washer 8
20	Hex.self-locking nut M8
21	Hex.nut M8
22	Big washer 8
23	Spring
24	Cap nut M8
25	Bolt guide
26	Hex.socket cap head screw M6X10

Model: AP260SPT



Model: AP310SPT



QS Over load protector

TC Transformer

FU Fuse

SQ1 Limit switch

SB1 Start button

SB2 Stop button

SB3 Emergency stop

KM1,KM2 Contactor

C1 Running capacitor

C2 Start capacitor


Object of the Declaration: Axminster Professional AP260SPT Planer Thicknesser (107807)
UK:

Supply of Machinery (Safety) Regulations
2008 as amended
Electromagnetic Compatibility Regulations
2016 as amended

EU:

Machinery Directive 2006/42/EC
EMC Directive 2014/35/EU

UK Address:

Axminster Tool Centre Ltd
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 61000-3-2:2019+A1, 61000-3-3:2013+A1+A2

Date: 7/29/2025

Place: Axminster

Ian Styles
Product Director

European Address:

Axminster Tool Centre Ltd
A-201. Haagsche Hof
Parkstraat 83
The Hague
2514 JG
Netherlands

Object of the Declaration: Axminster Professional AP310SPT Planer Thicknesser (107808)
UK:

Supply of Machinery (Safety) Regulations
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EU:

Machinery Directive 2006/42/EC
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IEC 55014-1:2021, IEC 55014-2:2021, IEC 61000-3-2:2019+A1, 61000-3-3:2013+A1+A2

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Place: Axminster

Ian Styles
Product Director

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A-201. Haagsche Hof
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Netherlands



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.



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