



Code: **501202**

Code: **501203**

Code: **501204**

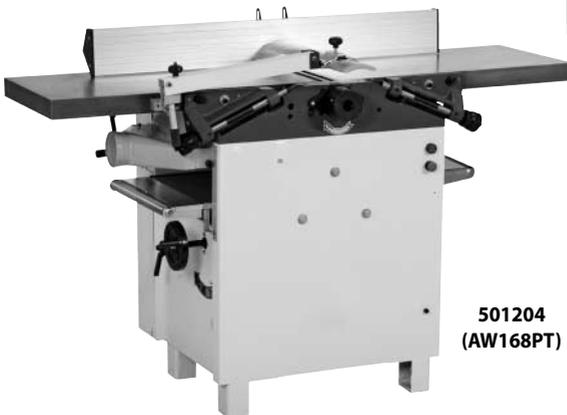
AW106PT2 AW128PT & AW168PT Planer/Thicknesser



**501202
(AW106PT2)**



**501203
(AW128PT)**



**501204
(AW168PT)**

Axminster Tool Centre,
Unit 10 Weycroft Avenue, Axminster, Devon EX13 5PH

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Copied from CE Certificate

The undersigned, F.Recherburg
authorised Laizhou Planet Machinery
Co., Ltd. No. 989, North Laizhou Road
261400 Laizhou Shandong
P.R.China declares that this product:

ML392

manufactured by Laizhou Planet
Machinery Co. is in compliance with
the following standards or
standardisation documents EC
Directive 98/37/EC Article 8, section
2b Machinery in accordance with the
Council Directive 98/37/EC.

The undersigned, 
authorised Laizhou Planet Machinery
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the following standards or
standardisation documents EC
Directive 98/37/EC Article 8(2)b, or
Article 8(2)c, Machinery in
accordance with the Council
Directive 98/37/EC.

The undersigned, G. Reimann
authorised Laizhou Planet Machinery
Co., Ltd. Yutai West Street, Laizhou,
Shandong 261400 P.R.China declares
that this product:

ML394Q/C2-410Q

manufactured by Laizhou Planet
Machinery Co. is in compliance with
the following standards or
standardisation documents
2006/95/EC



Warning

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



Fully read manual
and safety instructions
before use



Ear protection
should be worn



Eye protection
should be worn



Dust mask
should be worn



HAZARD
Motor gets hot

Model Numbers:	ML392-ML393 (501202 & 501203) ML394Q/C2-410Q (501204)
1 No.	AW106PT2 / AW128PT / AW168PT Planer Thicknesser (95% assembled)
1 No.	Planer Fence
1 No.	Planer Fence Mounting Base
1 No.	Fence Securing Bracket
1 No.	Overhand Planer Guard Mounting Bracket
1 No.	Overhand Planer Guard
1 No.	Overhand Planer Guard Locking Plate
1 No.	Spring Metal Plate
2 No.	M10 Washers
2 No.	M10 Lever Handle Bolts
2 No.	M6 x 12mm Caphead Bolts
1 No.	3mm Allen Key
1 No.	4mm Allen Key
1 No.	5mm Allen Key
1 No.	6mm Allen Key
2 No.	M6 Eye Bolts (for lifting)
1 No.	7mm x 5.5mm Open ended Spanner
1 No.	Instruction Manual

Having unpacked your saw and its accessories please dispose of any unwanted packaging properly. The packaging is biodegradable.

General Instructions for 230V Machines

Good Working Practices/Safety

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



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

Mains Powered Tools

Primary Precautions

These tools are supplied with a moulded 13 Amp. Plug and 3 core power cable. Before using the tool inspect the cable and the plug to make sure that neither are damaged. If any damage is visible have the tool inspected/repaired by a suitably qualified person. If it is necessary to replace the plug, it is preferable to use an 'unbreakable' type that will resist damage on site. Only use a 13 Amp plug, and make sure the cable clamp is tightened securely. Fuse as required. If extension leads are to be used, carry out the same safety checks on them, and ensure that they are

correctly rated to safely supply the current that is required for your machine.

Work Place/Environment

The machine is not designed for sub-aqua operation, do not use when or where it is liable to get wet. Do not use 230V a.c. powered tools anywhere within a site area that is flooded or puddled, and do not trail extension cables across wet areas. Keep the machine clean; it will enable you to more easily see any damage that may have occurred.

General Instructions for 230V Machines



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

It is good practice to leave the machine unplugged until work is about to commence, also make sure to unplug the machine when it is not in use, or unattended. Always disconnect by pulling on the plug body and not the cable. Once you are ready to commence work, remove any tools used in the setting operations and place safely out of the way.

Re-connect the machine. Carry out a final check e.g. check the cutting tool is securely tightened in the machine, check you have the correct speed and function set, check that the power cable will not 'snag' etc.

Make sure you are comfortable before you start work, balanced, not reaching etc. Wear the appropriate safety clothing, goggles, gloves, masks etc. Wear ear-defenders at all times, if you wear your hair in a long style, wearing a cap, safety helmet, hairnet, even a

sweatband, will minimise the possibility of your hair being caught up in the rotating parts of the machine, likewise, consideration should be given to the removal of rings and wristwatches, if these are liable to be a 'snag' hazard. Consideration should also be given to non-slip footwear, etc. If you are allowing another person to use the machine, ensure that they are suitably qualified to use it.

Do not use the machine if you are tired, your attention is wandering or you are being subjected to distraction.

Do not use this machine within the designated safety areas of flammable liquid stores or in areas where there may be volatile gases.

Check that cutters are the correct type and size, are undamaged and are kept clean and sharp, this will maintain their operating performance and lessen the loading on the machine. Above all, **OBSERVE....** make sure you know what is happening around you, and **USE YOUR COMMON SENSE.**

Specific Precautions Using Planer Thicknessers

Most machines currently, are well interlocked to ensure that the machine must be in the correct configuration to perform one task or the other. Make yourself familiar with these configurations and do not try to use the machine in a half and half state; or rig the interlocks to enable you to do so.

These machines are designed for cutting timber only. They will, but are not designed to, cut timber derivatives or composites. Glue lines in plywood, block board etc, will 'notch' blades as sure as eggs is eggs. The bonding agent in chipboard is likewise detrimental to the health of your planer irons.

It is best to leave them alone. If you have to machine composites, work out the costs of tungsten, against HSS (plus the sharpening costs), and proceed accordingly. On larger machines it is common practice to leave a portion of the blade (usually the offside 30 mm) to be used on 'aggressive' materials.

Overhand planing

Make sure during overhand planing operations, that the fence is set to the required angle, is securely fastened and locked in position. Ensure the planer block guarding is in position and secured.

Disengage the autfeed for the thicknesser.

Ensure both tables are correctly seated and locked down.

Ensure the dust extraction hood is in place and is not blocked.

Fit dust extraction.

Check the sharpness of planer irons, check for 'nicks' and 'notches', if there are damaged sections on the blades, try to plane in the 'clear' areas. Especially when planing material down to 'thin' dimensions, maintain

Specific Precautions Using Planer Thicknessers

pressure on the 'front' of the material i.e., that portion of the stuff that has passed over the block, but use a push stick or a pusher shoe to clear the end of the stuff over the block.

Thickening

When thickening, remove the fence. Lower the thickening table slightly. Unlock and swing both tables 'up and out of the way,' taking care not to foul the overhand guard/arm assembly, which will probably swing free. Turn the dust extraction hood up and over the block.

Connect the dust extraction. Ensure the hose will not

foul any stuff being passed through the machine.

Check the height of the thickening table.

Engage the autofeed mechanism.

Periodically, clean any excess build up of resin from the thickening table, and apply any proprietary brand of lubricating agent.

NOTE, Consideration should be given to the type of finish you will be applying to the surface when you select your cleaning/lubrication agent.

Specifications

Model	AW106PT2	AW128PT	AW168PT
Product Code	501202	501203	501204
Rating	Trade	Trade	Trade
Power	1,500W	2.2kW	3.0kW
Feed Speed	8m/min	8m/min	8m/min
Cutterblock Speed	4,000rpm	4,000rpm	4,000rpm
Cutterblock Diameter	80mm	95mm	95mm
Max Thicknesser Capacity	180mm	220mm	220mm
Max Planing Width	250mm	310mm	410mm
Max Depth of Cut	2.5mm	5mm	5mm in surfacing mode
Max Depth of Cut Thicknesser	3.0mm	2.5mm	2.5mm
Max Depth of Cut Planer	1.5mm	1.5mm	1.5mm
Knives	HSS(Resharpenerable) x 3	HSS(Resharpenerable) x 4	HSS(Resharpenerable) x 4
Length of Table	260 x 1,090mm	310 x 1520mm	1,600mm
Min Extraction Airflow Required	1,000m ³ /hr	1,500m ³ /hr	1,500m ³ /hr
Dust Extraction Outlet	100mm	125mm	125mm
Overall L x W x H	1,090 x 750 x 1,000mm	1,520 x 600 x 1,070mm	1,700 x 600 x 1,000mm
Weight	150kg	325kg	343kg

Initial Assembly and Setting Up

Your machine comes enclosed in a packing case with the accessories packed on top of the tables. Having removed the top and the sides of the packing case, remove all the components from the top of the machine; put to one side. Ascertain the orientation of the machine and move it to its desired position in the workshop. Ensure that the machine is positioned to allow sufficient clearance both in front and behind the machine to cater for the maximum length of timber you will wish to machine.

Remember sufficient space must be left 'around' the machine to facilitate your stance when overhand planing and moving from end to end of the machine if you are thickening singlehandedly. Remember that when the surface tables are 'up and out of the way' for thickening, the machine is appreciably wider than when it is in overhand mode. The machine is bolted down on to the pallet that forms the bottom of the packing case. Remove these 'hold down' bolts. In the packet on top of the tables you will find 2 No. small 'eye' bolts. These screw into the top part of the machine casting (as shown in fig 1.) and can be used to hoist the machine clear of the pallet. If you do not have the availability of such a hoist, and are going to have to 'manhandle' the machine off the pallet; make sure the tables are locked down before applying any lifting force to them.

IT IS NOT RECOMMENDED THAT LIFTING, PULLING OR PUSHING IS CARRIED OUT AGAINST THE TABLES.

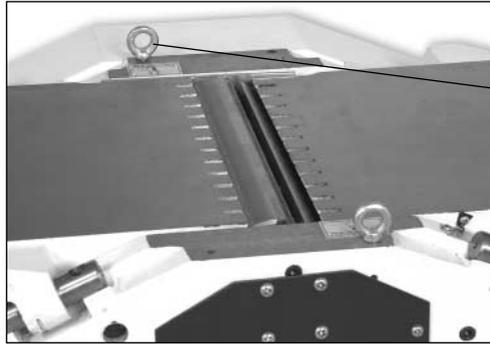
However, if expediency dictates that this is the only method to dismount the machine, this is what must be done. Do Not under normal circumstances lift, push or pull the machine using the tables. Any movement is best carried out against the main frame cabinet.

The machine should be positioned on a flat level surface. Final levelling can be accomplished using the levelling bolts in the base fillets of the legs. Once the machine is in position, and level, it can be bolted to the floor if so required.

Before adding the fence and the guarding (i.e. with the machine 'clean') it is a good idea to remove the protective grease film that is coating all the unpainted parts of the machine. Use a proprietary de-greasing agent or paraffin et al. Unfortunately, this cleaning process is always a bit 'mucky'; you are advised to wear overalls or coveralls etc., during the process. After cleaning, especially if you used paraffin, lightly coat the exposed metal surfaces to prevent any rusting. Bear in mind the stuff you will be machining and its possible finishing process, when you choose your anti-corrosion agent. Locate the planer fence, the planer fence base, the two handled clamp nuts and washers. Bolt the 'T' yoke to the planer fence base. Span the bosses of the 'T' yoke with the two elongated slotted lugs of the fence which are loosely bolted into the fence. Fasten the fence to the yoke using the handled clamp nuts and washers, position the fence as required and fasten the four bolts that secure the mounting lugs.

Your AW106PT2, AW128PT and AW168PT offers the facility of your being able to plane right or left handed. Decide on the best and most comfortable position for you. Locate the fence mounting bracket and fix to the machine casting as shown in fig 2, using 2 No. M6 x 12mm caphead bolts; depending on your preferred handing. Introduce the planer fence base into the bracket; so that the planer fence base slides into the fence mounting bracket; then secure; positioning the fence approximately mid-table (see fig 3). Mount the overhand plane guard arm onto the side of the outfeed table that corresponds to your preferred handing, then fit the overhand cutter block guard. In the accessories packet there is a small spring metal plate - this fits into the overhand guard clamping assembly to spread the load of the guard clamp onto the guard. It also prevents the bolt scoring the upper surface of the guard, fasten in position using the guard lock (see fig 4).

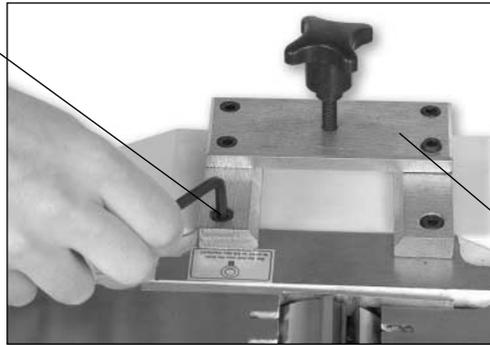
Fig 1



Typ.2 small eye bolts

Typ.2 M6 x 12mm caphead bolt

Fig 2

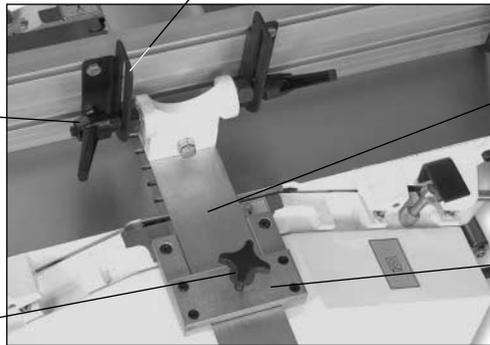


Fence mounting bracket

Typ. 2 elongated fence support brackets

Typ.2 handled clamp nuts

Fig 3



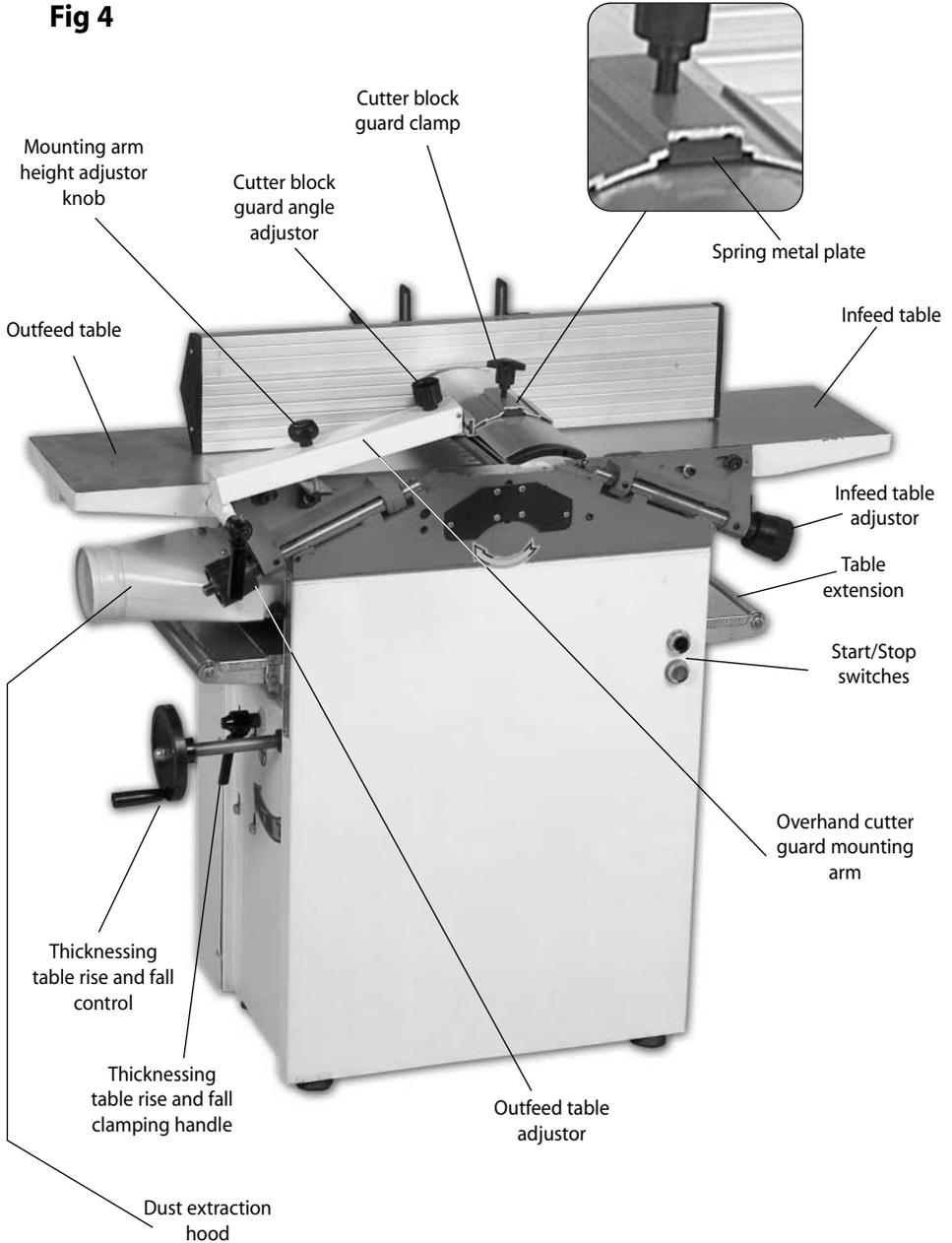
Planer fence base

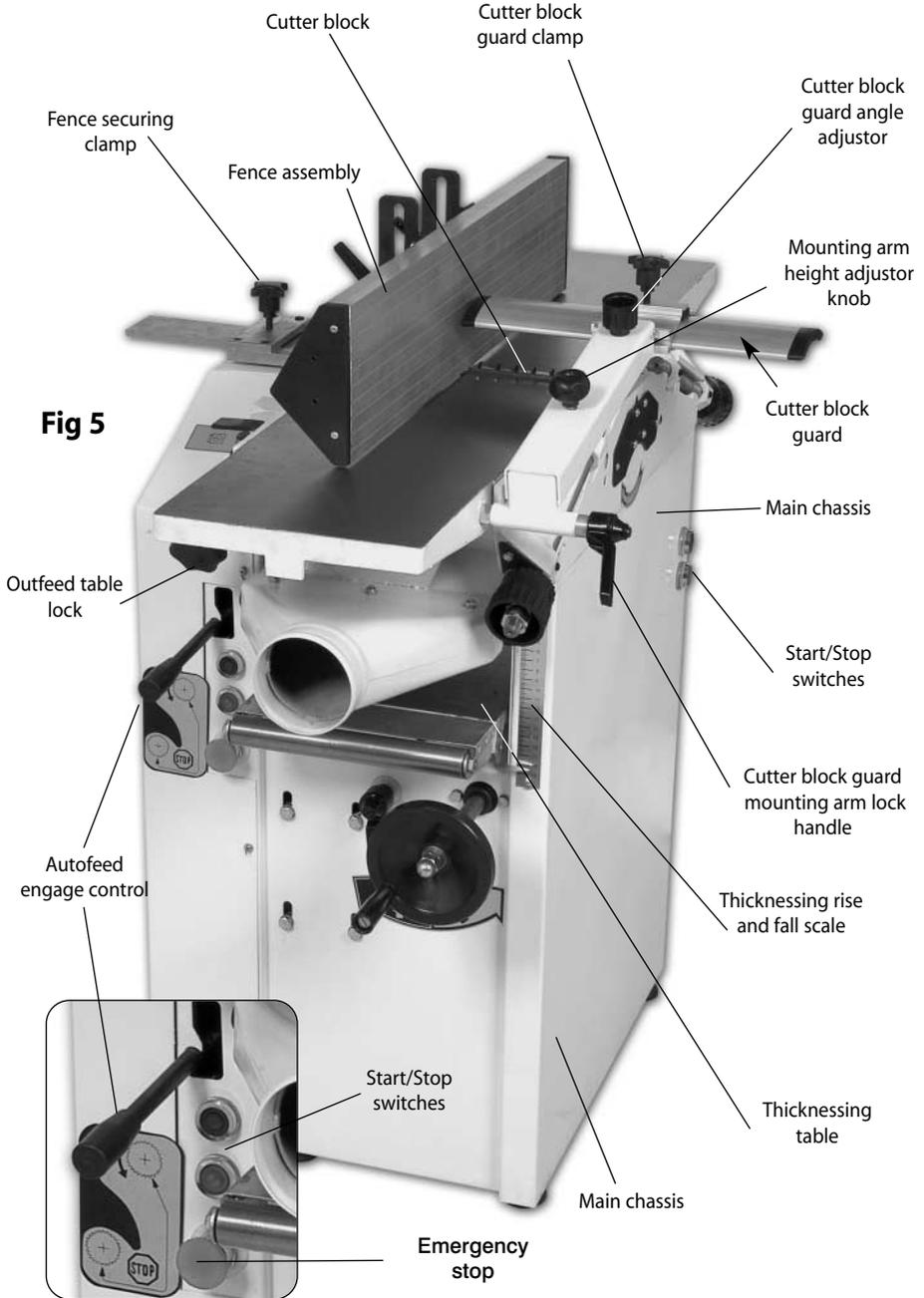
Fence mounting bracket

Fence securing clamp

NOTE: The pictures in this manual show the AW106PT2, the AW128PT & AW168PT is exactly the same but on a larger scale.

Fig 4





Machine Illustration and Parts Description

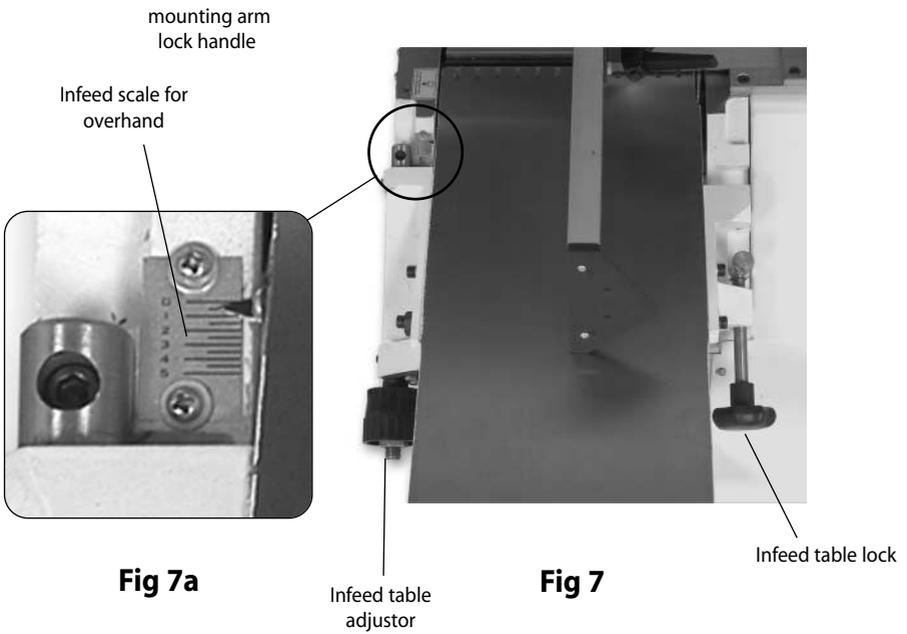
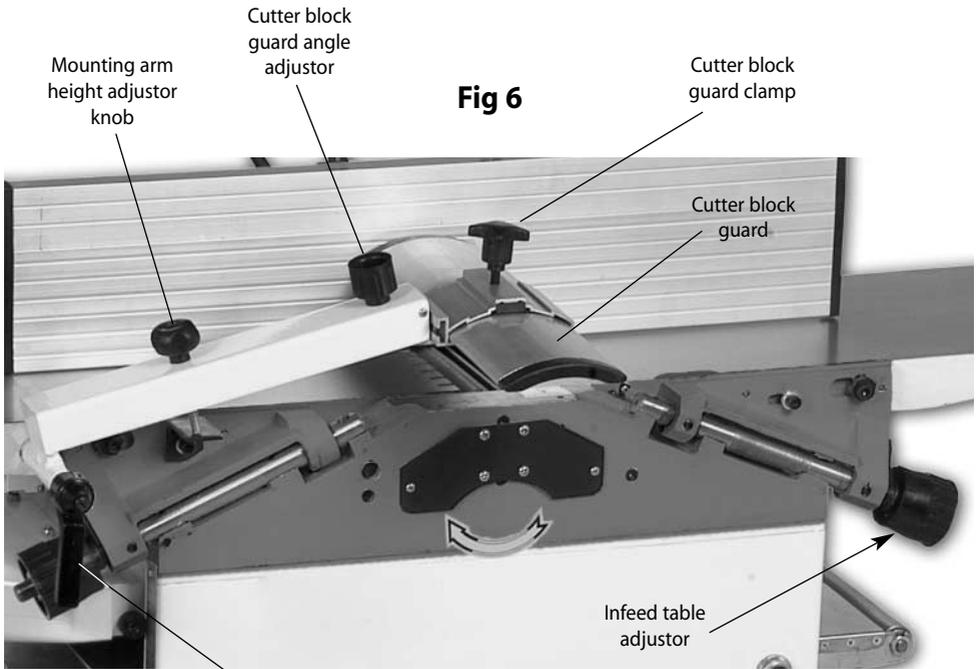


Fig 8

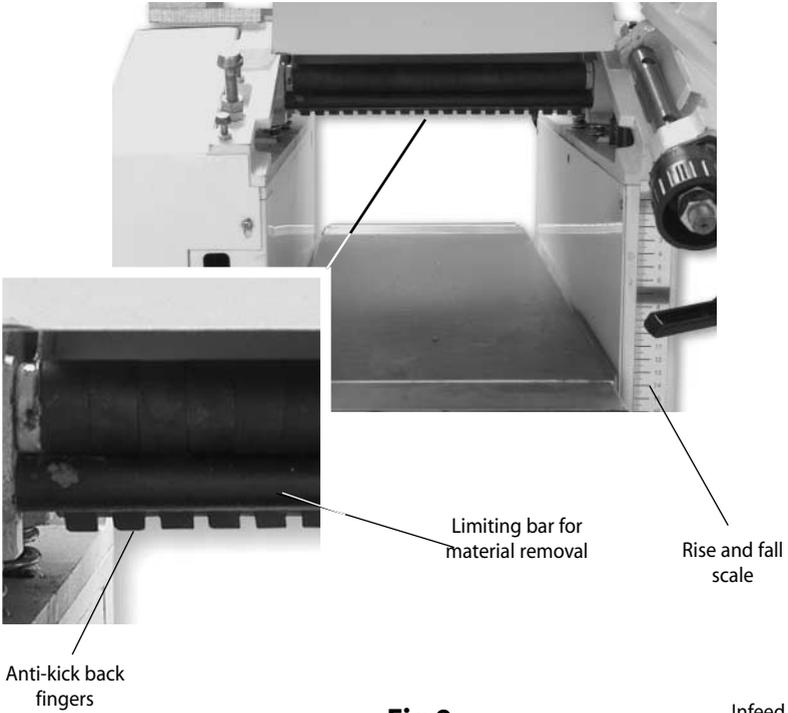


Fig 9

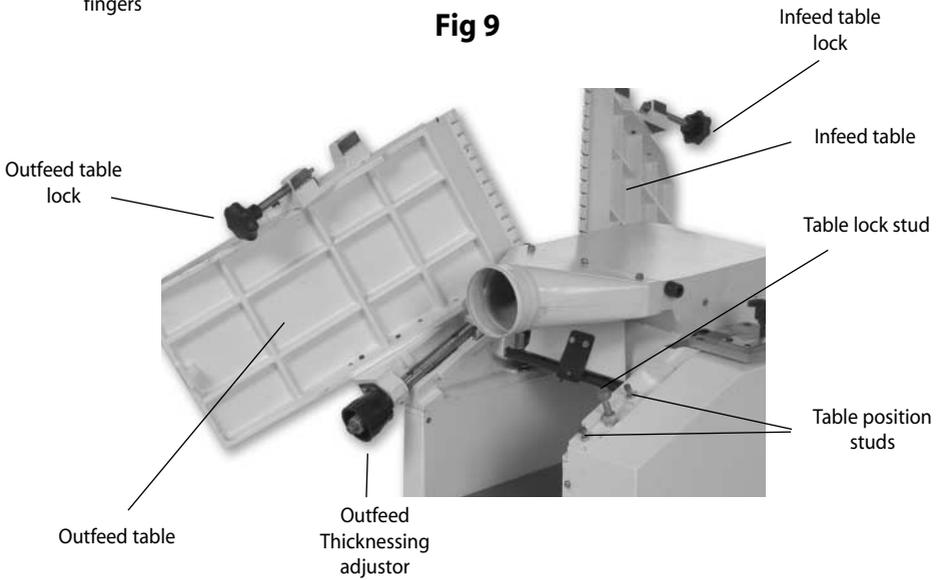
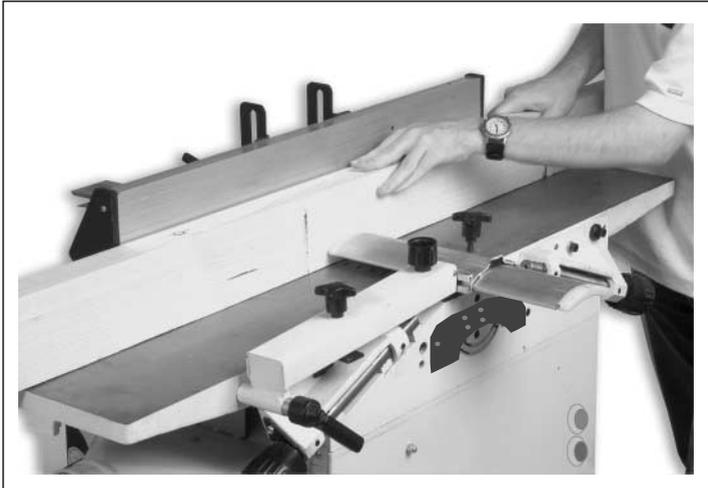
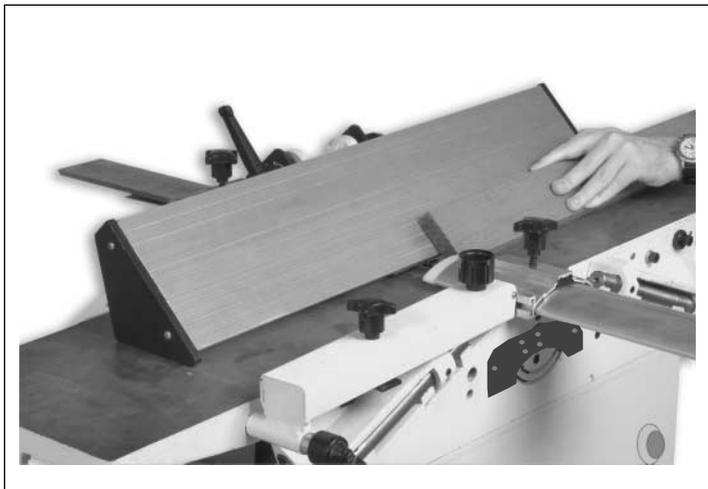


Fig 10



Planing narrow pieces of wood

Fig 11



Planing with the fence inclined

Fig 12



Planing short pieces of wood using a pressure pad

Fig 13



Planing using a push stick to carry the timber safely over the cutter block



MAKE SURE THAT THE MACHINE IS DISCONNECTED FROM THE POWER SUPPLY!

Overview

The planer blades are mounted into 3 slot housings machined in the cutter block. The slot housing comprises of a slot cut on a radial axis with a reverse tapered slot alongside it. (See fig. 14) The depth of the first slot governs the seating of the chipbreaker/wedge, the second slot allows the blade to be set to its correct depth in the block.

The chipbreaker/wedge is machined with a tapered face set at the same angle as the slot. This allows the blade to be clamped between parallel faces. The block

will accept blades 250mm x 3mm x 30mm. After sharpening, the blades will reduce over their height dimension, but the blades can be safely used until their overall height dimension is 17mm, then the blades must be discarded as they can no longer be securely clamped in the housing. The reverse taper slot has a series of blind holes bored in the bottom surface into which springs are fitted. These springs act against the bottom of the planer blade, to push it into contact with the setting tool, when the blades are being positioned after changing.

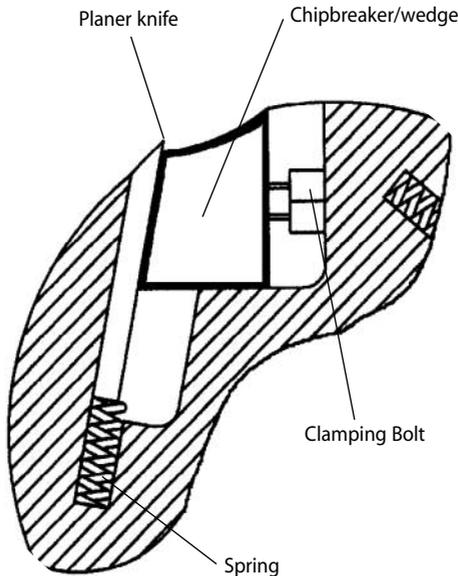


Fig 14

Changing the Blades

Locate the 5.5mm x 7mm A/F spanner in the tool kit. Turn the cutter block until one of the slots is uppermost, (between the tables). Using the spanner drive the 5 No. bolts into the chipbreaker/wedge, thus removing the clamping effect. This should allow the blade to 'spring' up (not like a jack in a box!) to protrude clear of the edge of the cutter block. Carefully remove the blade, lay aside. Remove the chipbreaker/wedge, lay aside, finally remove the springs from the slot and lay them aside. Repeat the process for the other two blades. If the block becomes difficult to hold located, being out of balance with the blade/s removed; use a thin wedge of material to jam the cutter block in position.

Now is a very good time to clean the slot housings thoroughly, remove the resin build-up, sawdust, chips and any old joiners/carpenters etc., that have recently disappeared without trace. Ensure the circumference of the cutter block is likewise cleaned thoroughly. Remove the clamping bolts from the chipbreaker/wedges, clean the bolts and the threaded holes, clean the springs and the chipbreaker/wedges thoroughly. Apply a little light oil to the springs. Remove the new/sharpened blades from their 'keeper'; set carefully to hand and put the 'old' blades away in the 'keeper' to be sent for sharpening. Locate the blade setting tool and put it to hand. Screw the bolts into the chipbreaker/wedges. Select one of the slot housings

and wedge the cutter block to maintain it in position. Set the springs into the holes in the bottom of the slot, introduce the chipbreaker/wedge, position it against the 'back' of the slot, introduce a blade in front of it. Using the spanner start to unscrew the bolts, take care at this time as the blade could be protruding well above the block. Unscrew the bolts until the wedge just starts a 'nip' on the blade, then screw them back in half a turn.

At this point all the components should be loose in the slot (not slack), carefully position the blade and the wedge to line up with the edge of the cutter block. Press the blade setting tool gently down onto the blade, (See fig 15 & 16) ensure that the locating feet are firmly in contact with the cutter block, and the blade is against the setting recess. (See fig 15 & 17) Holding the blade and the setting tool in this position, tighten at least two of the clamping bolts to provide a firm clamp of the blade, with the setting tool held firmly in place. Tighten the remaining bolts. Tighten hard, but do not overtighten, remember, these are M4 bolts. Repeat this procedure for the remaining blades. When all the blades are fitted, carry out a quick check of the set of the blades, by hand rotating the cutter block in reverse and visually inspecting the edge of the blades against a fixed point. If this appears satisfactory, carry out a final 'tightness' check on the clamping bolts; remove all the tools and stow away.

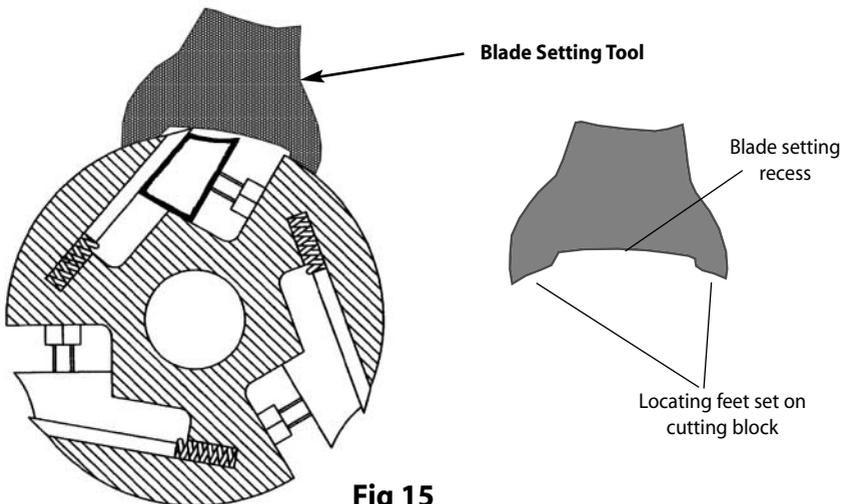


Fig 15

Fig 16

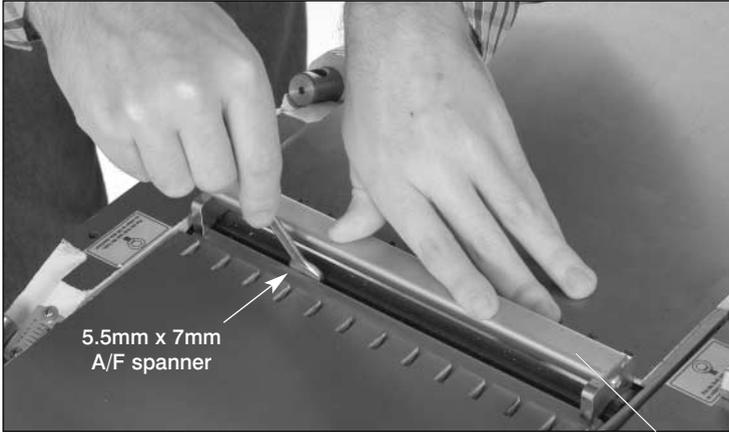
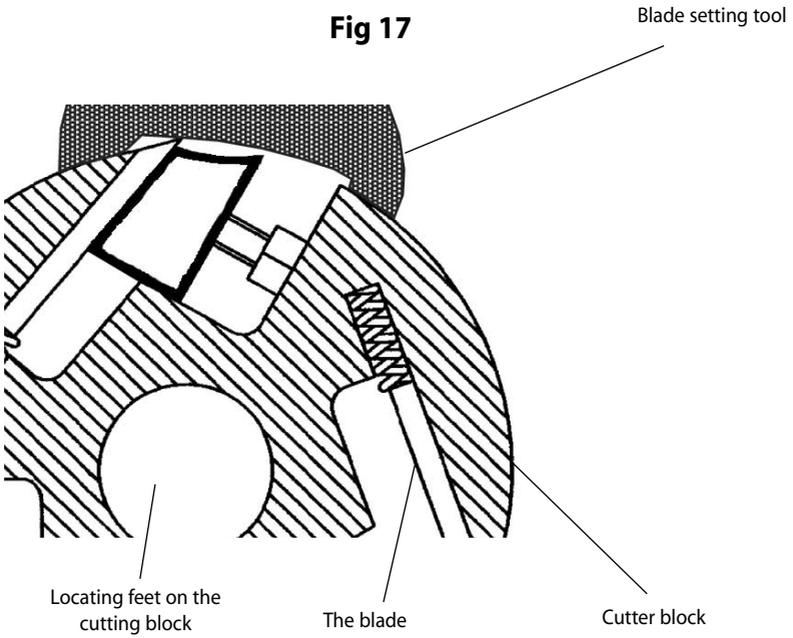


Fig 17





**DISCONNECT THE PLANER THICKNESSER
FROM THE MAINS SUPPLY.**

Your AW106PT2, AW128PT, AW168PT requires minimum maintenance, but it is essential that it is carried out to ensure the longevity and correct function of the machine.

Daily

Check the overhand tables and the thickening bed 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 upright.

Check the dust extraction hood and ensure there are no excessive build ups 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.

Check the rollers of the thickening table rotate freely, and there is no build up between the roller and the extension plate.

Weekly

Carry out the above checks.

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.

Raise the tables and brush out and clean any debris or build up around the area of the noise attenuating slots in the edges of the overhand tables.

Check the infeed and take off pressure rollers are not clogged, clean as necessary.

Check the action of the anti-kickback fingers, again clean and lubricate as required.

Monthly

Carry out the above checks. After cleaning apply a little light oil to the bearing ends of the infeed, take off and extension table rollers. (Refer to Fig 18,19)

Remove the rear machine cover plate, check the condition and tension of the drive belt.

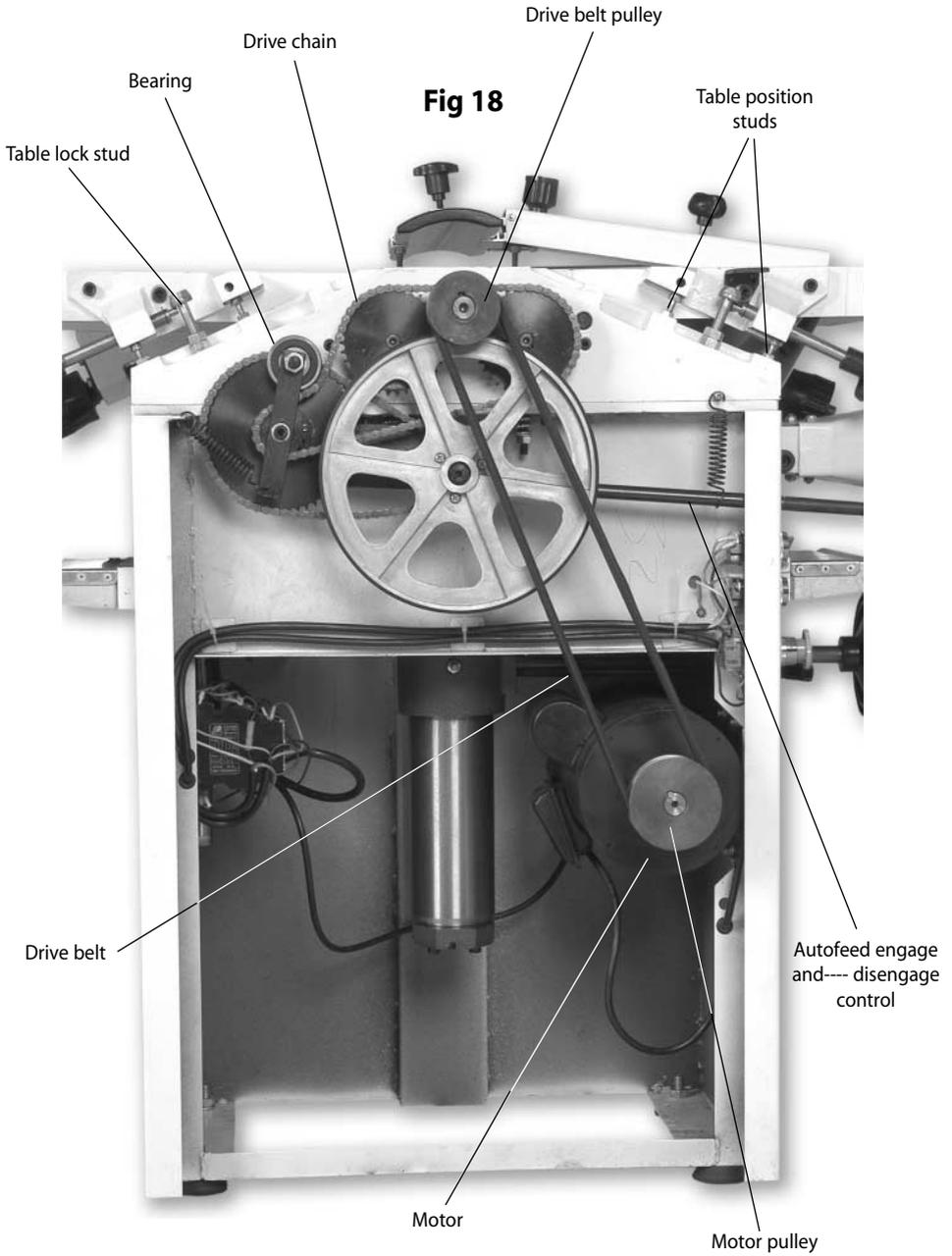
Check the autofeed engage and disengage function.

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.

Re-tightening table lock downs. (Refer to Fig 18)

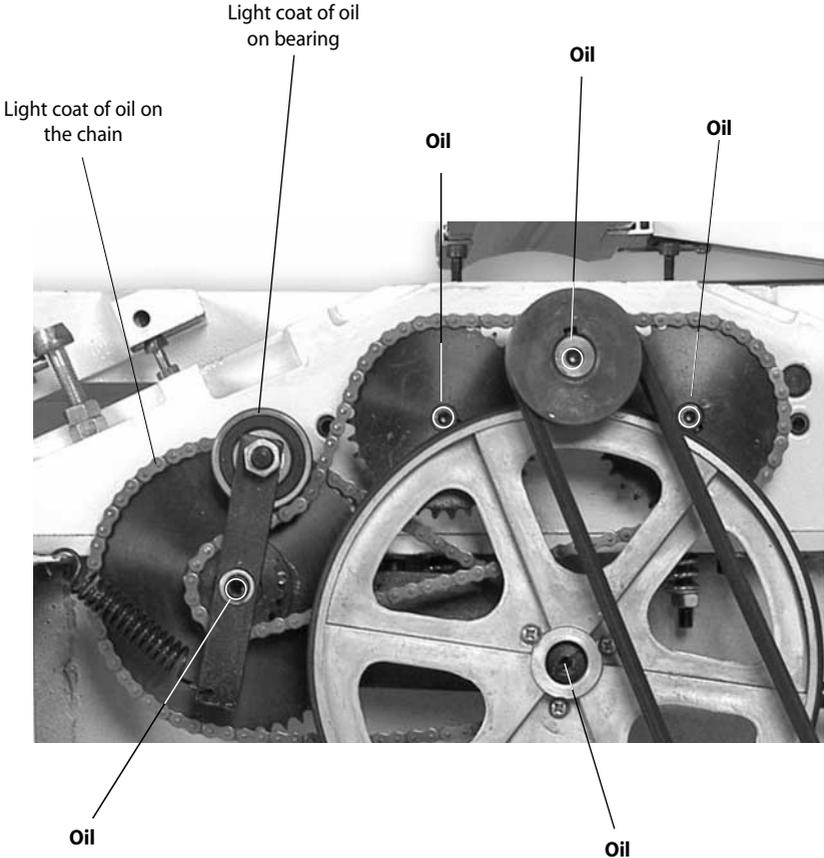
If the table lock downs becomes 'slack' they can be adjusted by altering the height of the table lock stud. Hold the stud firmly and loosen the lock nut, adjust the stud, lightly 'pinch' with the lock nut, try.

If correct, fully tighten the lock nut, if not, repeat the process until the 'lock down' is correct.



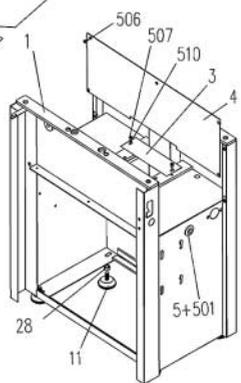
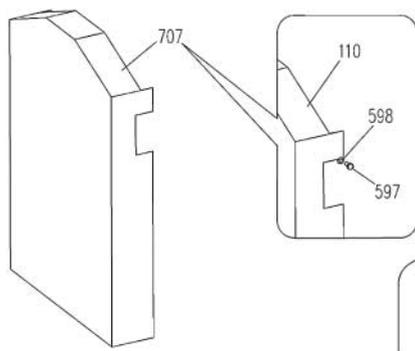
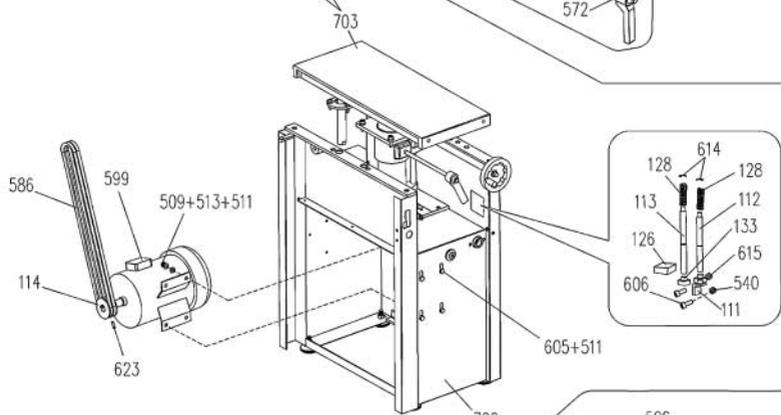
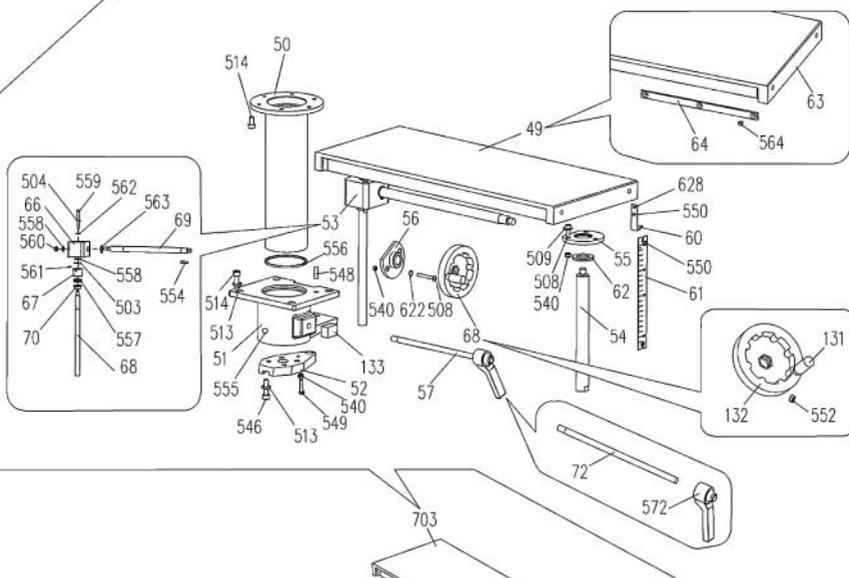
OIL POINTS

Fig 19



Parts List/Drawing 1 (AW106PT2)

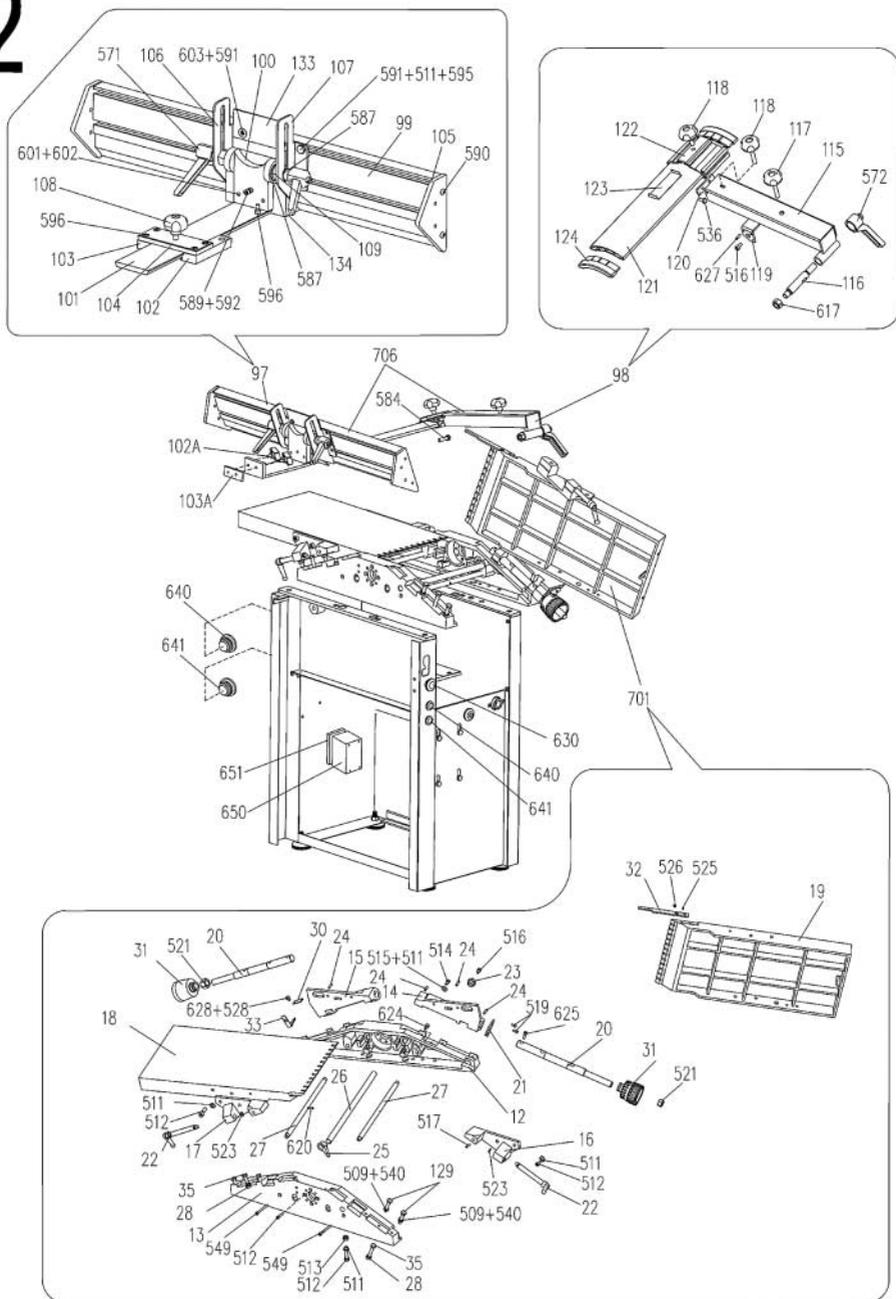
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Parts List/Drawing 1 (AW106PT2)

NO.	SPECIFICATION	QTY	NO.	SPECIFICATION	QTY
1	Base stand	1	46	Locking plate	1
3	Small cover plate	2	47	Change-over plate	1
4	Right cover plate	1	48	Nut M6X12	2
5	Support sleeve	1	49	Thicknessing table assembly	1
11	Support base	4	50	Lifting tube	1
12	Right cutter block support	1	51	Oriented body	1
13	Left cutter block support	1	52	splint	1
14	Front adjusting block	1	53	Gear case assembly	1
15	BACK adjusting block	1	54	mandril	1
16	Front locking block	1	55	Block	1
17	Back locking block	1	56	Block	1
18	In-feed table	1	57	Locking bar assembly	1
19	Out-feed table	1	58	Wheel assembly	1
20	Adjusting axle	2	59	Ring	1
21	Apron	2	60	Pointer	1
22	Locking handle assembly	2	61	Depth scale	1
23	Eccentric bush	2	62	Washer	1
24	Screw M8X8	3	63	Thicknesser table	1
25	Kick block	20	64	Apron	4
26	Turning axle	1	66	Gear box	1
27	Support axle	2	67	Helical gear	1
28	Nut M10	14	68	Guide screw	1
30	Feed scale	1	69	Gear axle	1
31	Adjusting wheel	2	70	Bush	1
32	Locating plate	1	72	Locking handle	1
33	Feed pointer	1	74	Control handle assembly	1
35	Hex bolt M10X60	2	75	Chain wheel assembly	1
36	Cutter block assembly	1	76	Chain wheel assembly	1
37	Ball bearing base assembly	2	77	Tensioner assembly	1
38	Driven pulley	1	78	Pin	1
39	Protective plate	1	79	Long pin	1
40	Cutter block	1	80	Chain wheel IV	2
41	Blade locking block	3	81	Driving roller	1
42	Blade 250x30x30	3	82	Pressing rolle	1
43	Compression spring	6	83	Bush	4
44	Dust chute	1	84	Spring	4
45	Dust chute head	1	85	Spring	1

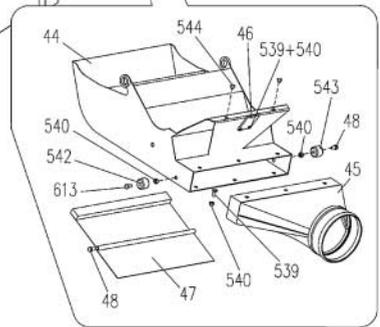
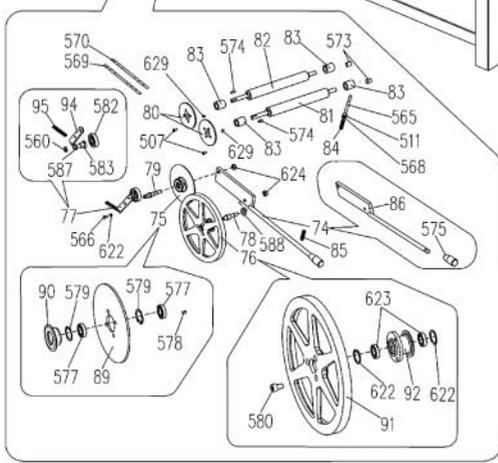
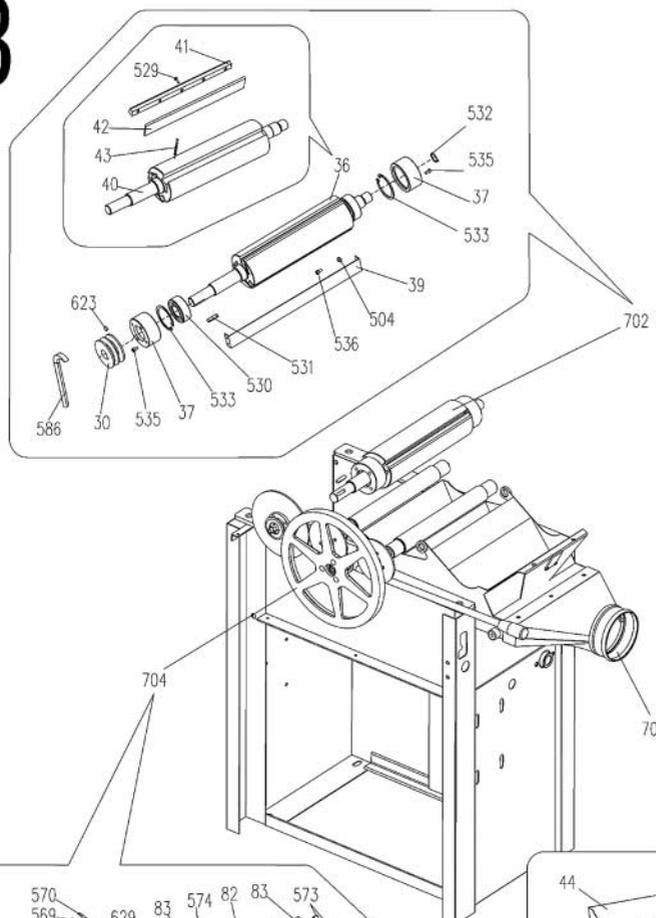
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Parts List/Drawing 2 (AW106PT2)

NO.	SPECIFICATION	QTY	NO.	SPECIFICATION	QTY
86	Connecting plate	1	131	Handle	1
89	Chain wheel I	1	132	Handle wheel	1
90	Chain wheel II	1	133	Locking block	1
91	Cast iron friction wheel	1			
92	Chain wheel III	1	501	Spring washer 20	1
94	Tension plate	1	503	Big washer 10	1
95	Spring	1	504	Spring washer 6	6
97	Guiding fence	1	505	Nut M10	8
98	Cutter block protective fence	1	506	Flat cap screw M5X6	5
99	Fence plate	1	507	HP screw M5X8	12
100	Supporting plate	1	508	Hex cap bolt M6X20	5
101	Guiding board	1	509	Washer M6	2
102	Right metal plate	1	510	Washer 5	12
103	Left metal plate	1	511	Washer 8	22
104	Connecting plate	1	512	Socket hex cap screw M8X25	13
105	Protective plate	2	513	Spring washer 8	18
106	Left sliding block	1	514	Socket hex cap screw M8X25	4
107	Right sliding block	1	515	Spring washer 8	4
108	Handle	1	516	Socket hex cap screw M8X30	2
109	Double head screw	2	517	Pin A6X40	2
110	Protective cover	1	518	Socket hex cap screw M8X30	4
111	Sensitive switch plate	1	519	Hex cap screw M6X10	2
112	Short locating bar	1	520	Screw M6X20	1
113	Long locating bar	1	521	Nut M16	4
114	Motor pulley	1	523	External retaining ring 12	2
115	U-shaped metal tube	1	525	Elastic pin 5x12	1
116	Locking pole	1	526	Flat cap screw M5X12	1
117	Locking handle	1	528	Ph screw M4X6	2
118	Handle	1	529	Screw M6X10	15
119	Angle iron	1	531	Pin 6x20	1
120	Fixed plate	1	532	External retaining ring 25	1
121	Protective plate	1	534	Screw M6X10	4
122	Protective plate cover	1	535	Socket hex cap screw M6X8	8
123	Locking plate	1	536	Hex cap screw M6X10	2
124	Plastic insert	2	537	Washer 5	12
125	Switch mounting plate	1	538	Socket hex cap bolt M6X25	3
126	White sensitive switch	1	539	Hex cap screw M6X10	14
128	Spring	3	540	Nut M6	22
129	Screw M6X25	4	542	Support cylinder	1
630	Emergency switch	1	630	Emergency switch	1

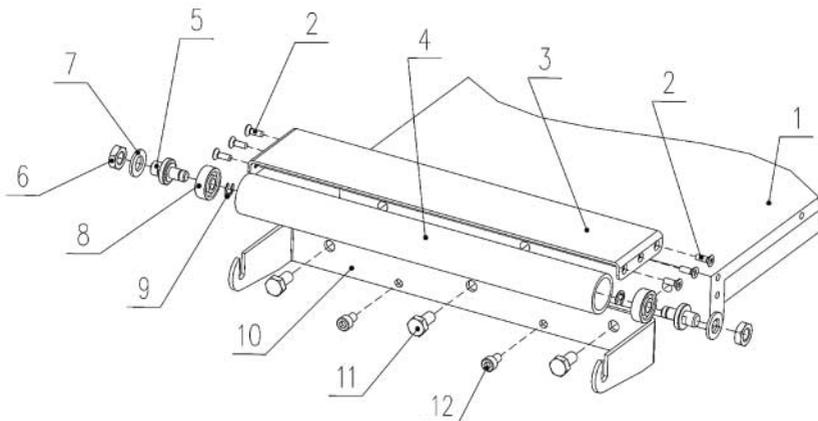
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Parts List/Drawing 3 (AW106PT2)

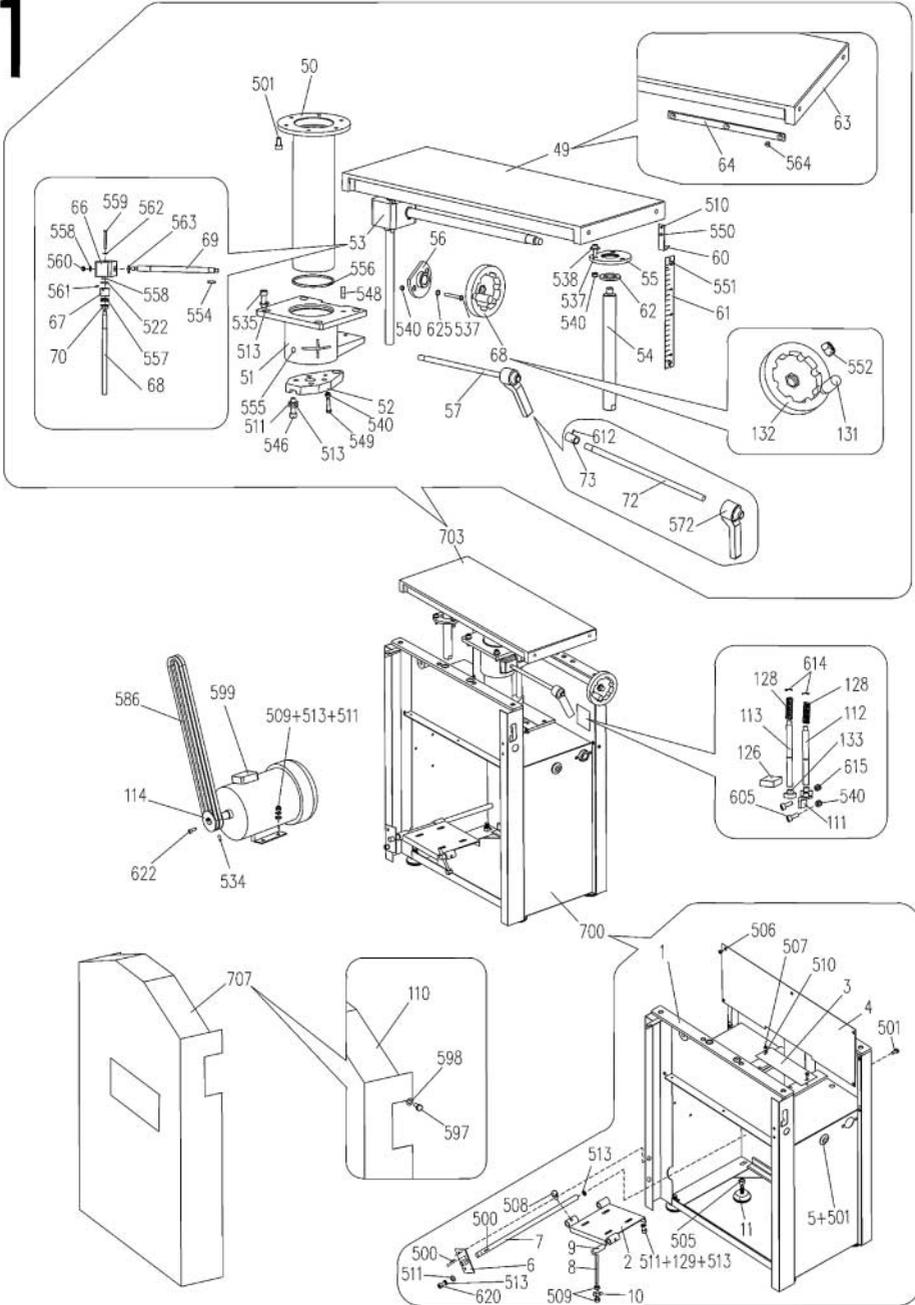
NO.	SPECIFICATION	QTY	NO.	SPECIFICATION	QTY
543	Support cylinder	1	588	Socket hex cap screw M6X12	6
544	Pad	2	589	Socket hex cap screw M5X50	1
545	Socket hex cap screw M8X16	10	590	Self-setting screw ST5X40	4
546	Socket hex cap screw M8X30	7	591	Nut M8	4
547	Screw M8X8	1	592	Nut M5	7
548	Screw M6X10	12	595	Hex cap bolt M8X16	4
549	Socket hex cap bolt M6X35	1	596	Socket hex cap screw M6X12	6
550	PH screw M4X6	2	597	PH screw M5x8	6
551	PH screw M4X6	2	598	Washer 5	6
552	Special nut M12	1	599	Motor	1
553	Nut M6	4	600	Switch	1
554	Pin 5X12	1	601	Socket hex cap bolt M5X16	2
555	Straight-through oiling Cup M10	1	602	Washer 5	2
556	Seal	1	603	Flat head screw M8X16	2
557	Thrust bearing 51102	1	605	Hex cap bolt M8X25	4
558	Washer 10	2	606	Socket hex cap screw M6X40	2
559	Hex head screw M6X65	2	608	PH screw M5X50	2
560	Self-locking nut M10	2	613	Hex cap bolt M6X16	2
561	Elastic pin 4x25	1	614	Clip 6	2
562	External retaining ring 10	1	615	Special nut M6	1
563	External retaining ring 18	1	616	Socket hex cap screw M5X12	2
564	Flat head screw M4X6	12	617	Nut M12	1
565	Double head screw	4	619	Large handle assembly	1
566	Hex cap bolt M6X10	1	620	Elasticity pin A6X20	1
568	Nut M8	4	621	Protective cover	1
569	Chain 05B-1x86	1	622	Big washer M6	3
570	Chain 05B-1X76	1	623	Screw M6X8	2
571	Locking handle assembly	2	624	Socket hex cap bolt M6X16	8
572	Big handle assembly	1	625	Socket hex cap bolt M6X20	6
573	Bush	8	626	Washer M4	5
574	Pin 5X16	2	627	Elasticity pin A5X10	1
575	Handle	1	629	Screw M6X8	2
577	Bearing 61901-2Z	4	700	Base assembly	1
578	PH screw M6X10	4	701	Planing table assembly	1
579	Internal retaining ring 24	4	702	Cutter block assembly	1
580	Flat head screw M6X14	4	703	Thicknessing table assembly	1
582	Bearing 6303-2Z	1	704	Chain wheel assembly	1
583	Pin	1	705	Dust chute assembly	1
586	Z-VELT(L-1092)	1	706	Fence and cutter protective assembly	1
587	Washer 10	10	707	Protective cover assembly	1

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NO.	SPECIFICATION	QTY
4-1	THICKNESS TABLE	1
4-2	SCREW 4X10	6
4-3	PLATE	1
4-4	ROLL	1
4-5	PIN	2
4-6	NUT M10	2
4-7	WASHER M10	2
4-8	BEARING 628	2
4-9	RING 6	2
4-10	U SUPPORT	1
4-11	BOLT M8X10	3
4-12	SCREW M6X10	2

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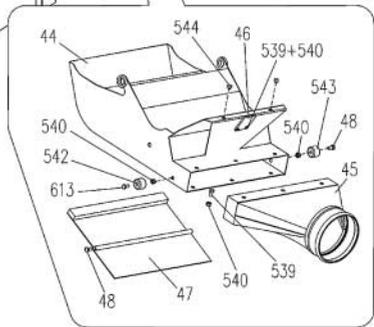
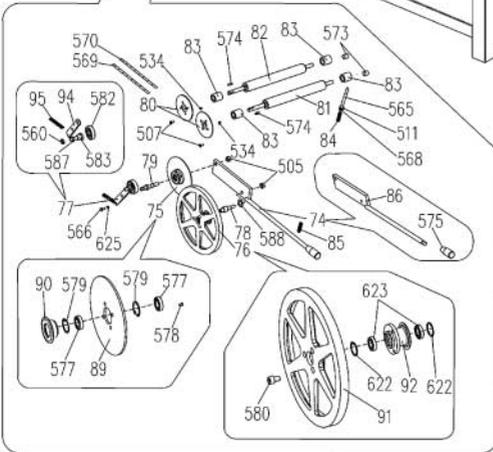
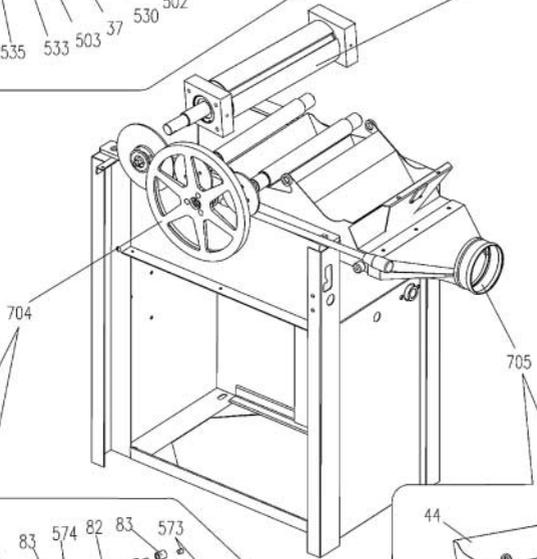
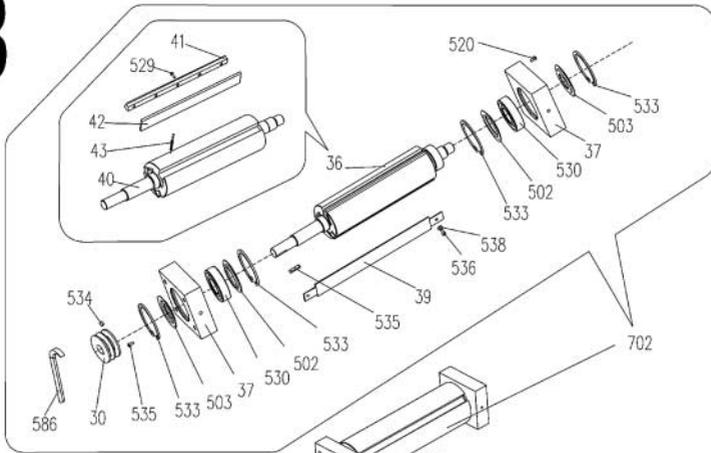
Parts List/Drawing 1 (AW128PT-AW168PT)

NO.	SPECIFICATION	QTY	NO.	SPECIFICATION	QTY
1	Base stand	1	42	Blade 310x30x3	4
2	Motor base	1	43	Compression spring	8
3	Small cover plate	2	44	Dust chute	1
4	Right cover plate	1	45	Dust chute head	1
5	Support sleeve	1	46	Locking plate	1
6	Fixed plate	1	47	Change-over plate	1
7	Axle	1	48	Nut M6X12	2
8	Screw	1	49	Thickneser table assembly	1
9	Bush	1	50	Lifting tube	1
10	Adjusting screw	1	51	Oriented body	1
11	Support base	4	52	splint	1
12	Right cutter block support	1	53	Gear case assembly	1
13	Left cutter block support	1	54	Mandril	1
14	Front adjusting block	1	55	Block	1
15	Back adjusting block	1	56	Block	1
16	Front locking block	1	57	Locking bar assembly	1
17	Back locking block	1	58	Wheel assembly	1
18	In-feed table	1	59	Ring	1
19	Out-feed table	1	60	Pointer	1
20	Adjusting axle	2	61	Depth scale	1
21	Apron	2	62	Washer	1
22	Locking handle assembly	2	63	Thickneser table	1
23	Eccentric bush	2	64	Apron	4
24	Screw M10x8	2	66	Gear box	1
25	Kick block	15	67	Helical gear	1
26	Turning axle	1	68	Guide screw	1
27	Support axle	2	69	Gear axle	1
28	Nut M12	3	70	Bush	1
30	Feed scale	1	72	Double head screw	1
31	Adjusting wheel	2	73	Locating bush	1
32	Locating plate	1	74	Control handle assembly	1
33	Feed pointer	1	75	Chain wheel assembly	1
35	Hex bolt M12x55	2	76	Chain wheel assembly	1
36	Cutter block assembly	1	77	Tensioner assembly	1
37	Ball bearing base assembly	2	78	Pin	1
38	Driven pulley	1	79	Chain wheel axle	1
39	Protective plate	1	80	Chain wheel IV	2
40	Cutter block	1	81	Driving roller	1
41	Blade locking block	4	82	Pressing rolle	1
			83	Bush	4

Parts List/Drawing 2 (AW128PT-AW168PT)

NO.	SPECIFICATION	QTY	NO.	SPECIFICATION	QTY
84	Spring	4	129	Screw M8X25	8
85	Spring	1	131	Handle	1
86	Connecting plate	1	132	Handle wheel	1
89	Chain wheel I	1			
90	Chain wheel II	1	500	Pin 3.2x30	1
91	Cast iron friction wheel	1	501	Socket hex cap screw M10X16	1
92	Chain wheel III	1	502	Dustproof cover (big)	2
94	Tension plate	1	503	Dustproof cover(small)	2
95	Spring	1	504	Spring washer 6	2
97	Guiding fence	1	505	Nut M10	12
98	Cutter block protective fence	1	506	Flat cap screw M5x8	5
99	Fence plate	1	507	HP screw M5X8	4
100	Supporting plate	1	508	Hex cap bolt M8X16	7
101	Guiding board	1	509	Nut M8	15
102	Right metal plate	1	510	Washer 5	12
103	Left metal plate	1	511	Washer 8	26
104	Connecting plate	1	512	Socket hex cap screw M8X25	4
105	Protective plate	2	513	Spring washer 8	19
106	Left sliding block	1	514	Socket hex cap screw M10x30	4
107	Right sliding block	1	515	Spring washer 10	2
108	Handle	1	516	Socket hex cap screw M10x40	3
109	Double head screw	2	517	Pin A6X40	2
110	Protective cover	1	518	Socket hex cap screw M6x16	4
111	Sensitive switch plate	1	519	Hex cap screw M8X16	2
112	Short locating bar	1	520	Screw M6x16	4
113	Long locating bar	1	521	Nut M16	4
114	Motor pulley	1	522	Large washer 10	6
115	U-shaped metal tube	1	523	External retaining ring 15	2
116	Locking pole	1	525	Elastic pin 6x16	1
117	Locking handle	1	526	Socket hex cap screw M6X14	1
118	Handle	1	528	Ph screw M4X6	2
119	Angle iron	1	529	Screw M6X10	20
120	Fixed plate	1	530	Ball bearing 2206	2
121	Protective plate	1	531	Pin 8x16	1
122	Protective plate cover	1	532	External retaining ring 30	1
123	Locking plate	1	534	Screw M6X10	4
124	Plastic insert	2	535	Socket hex cap screw M8x20	8
125	Switch mounting plate	1	536	Hex cap screw M6X10	2
126	White sensitive switch	1	537	Hex cap screw M6X20	12
128	Spring	3	538	Washer 6	4

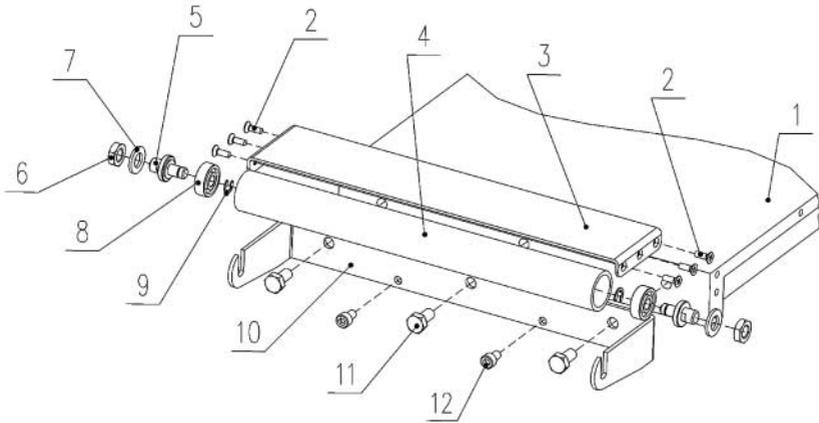
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Parts List/Drawing 3 (AW128PT-AW168PT)

NO.	SPECIFICATION	QTY	NO.	SPECIFICATION	QTY
539	Hex cap screw M6X10	9	586	Z-VELT(L-1500)	2
540	Nut M6	18	587	Washer 10	1
542	Support rubber cylinder	1	588	Socket hex cap screw M6X12	11
543	Support rubber cylinder	1	589	Socket hex cap screw M5X50	6
544	Pad	2	590	Self-setting screw ST5X40	1
545	Socket hex cap screw M10X16	7	591	Nut M8	4
546	Socket hex cap screw M8X35	4	592	Nut M5	7
547	Screw M10X8	3			
548	Screw M8X16	4	595	Hex cap bolt M8X16	4
549	Socket hex cap bolt M6X16	1	596	Socket hex cap screw M6X12	2
550	PH screw M5x8	2	597	PH screw M5x8	2
551	PH screw M4X6	2	598	Washer 5	2
552	Special nut M12	1	599	Motor	1
553	Nut M6	4	600	Switch	1
554	Pin 5X12	1	601	Socket hex cap bolt M5X16	2
555	Straight-through oiling Cup M10	1	602	Washer 5	2
556	Seal	1	603	Flat head screw M8X16	2
557	Thrust bearing 51102	1	605	Hex cap bolt M8X25	4
558	Washer 10	2	606	Socket hex cap screw M6X40	1
559	Hex head screw M6X65	2	608	PH screw M5X50	2
560	Self-locking nut M10	2	612	Spring pin 4X14	1
561	Elastic pin 4x25	1	613	Hex cap bolt M6X16	2
562	External retaining ring 10	1	614	Clip 6	2
563	External retaining ring 18	1	615	Special nut M6	1
564	Flat head screw M5X6	12	616	Socket hex cap screw M5X12	2
565	Double head screw	4	617	Nut M12	1
566	Hex cap bolt M6X10	1	619	Large handle assembly	1
568	Nut M8	4	620	Hex cap bolt M8X20	2
569	Chain 05B-1x106	1	621	Protective cover	1
570	Chain 05B-1X90	1	622	Socket hex cap screw M6X16	1
571	Locking handle assembly	2	623	Socket hex cap screw M10X30	1
572	Big handle assembly	1	624	Spring pin 5X10	1
573	Bush	8	625	Large washer 6	3
574	Pin 5X16	2	630	Emergency switch	1
575	Handle	1	700	Base assembly	1
577	Bearing 61901-2Z	4	701	Planing table assembly	1
578	PH screw M6X10	4	702	Cutter block assembly	1
579	Internal retaining ring 24	4	703	Thicknessing table assembly	1
580	Flat head screw M6x16	4	704	Chain wheel assembly	1
582	Bearing 6303-2Z	1	705	Dust chute assembly	1
583	Pin	1	706	Fence and cutter protective assembly	1
584	Flat cap screw M6X16	1 2 9	707	Protective cover assembly	1

4



NO.	SPECIFICATION	QTY
4-1	THICKNESS TABLE	1
4-2	SCREW 4X10	6
4-3	PLATE	1
4-4	ROLL	1
4-5	PIN	2
4-6	NUT M10	2
4-7	WASHER M10	2
4-8	BEARING 628	2
4-9	RING 6	2
4-10	U SUPPORT	1
4-11	BOLT M8X10	3
4-12	SCREW M6X10	2



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

Only for EU countries



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