Scroll saw
EXMAC Precision 400
EXMAC Precision 530
EXMAC Precision 760
Original Operating Instructions

Original Operating Instructions Version 2024_V01_EN
EX-DSP400, EX-DSP530, EX-DSP760

Dear customer,

Thank you for choosing an **EXMAC scroll saw**.

If you have any questions concerning our products or service, please call us or send us an e-mail. We are happy to hear from you. Your experience enables us to further improve the quality of our machines.

Sincerely yours

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Applied directives/standards

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU

Applied harmonised standards:
EN ISO 12100:2010
EN 62841-1:2015
EN 55014-1:2021
EN 55014-2:2021

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2 | Warranty

This product is subject to the statutory warranty according to Austrian law from the time the product is handed over. There is no basic claim to replacement or rescission. In case of a complaint, please contact your local dealer. He will coordinate the further procedure with you.

3 | Basic safety instructions for power tools

Please note:

Failure to read and observe these operating instructions may result in serious injury. As with all machinery, operating a scroll saw can lead to dangerous situations. Careful use and handling can significantly reduce the risk of injury. Neglecting basic precautions can lead to user injuries. The machine is designed exclusively for the recommended use. Therefore, do not carry out any work on the machine that is not intended by the manufacturer and do not make any changes whatsoever. If you have any questions regarding the use of the scroll saw you cannot find an answer to in these operating instructions, please contact your dealer.

Workplace safety

a. **Keep your workplace clean and well lit.** Messy or unlit workplaces can lead to accidents.

b. **Do not use power tools in potentially explosive environments where flammable liquids, gases or dusts are present.** Power tools may produce sparks which can ignite the dust or vapours.

c. **Keep children and other people away while using the power tool.** Distraction can cause you to lose control of the power tool.

Electrical safety

a. **The plug of the power tool must fit into the socket. The plug must not be changed in any way. Do not use adapter plugs together with earthed power tools.** Unmodified plugs and matching sockets reduce the risk of an electric shock.

b. **Avoid physical contact with earthed surfaces such as pipes, heaters, stoves and refrigerators.** There is an increased risk of an electric shock if your body is earthed.

c. **Keep your power tool away from rain or moisture.** Water entering a power tool increases the risk of an electric shock.

d. **Do not misuse the power cord to carry the power tool, hang it up or pull the plug out of the socket. Keep the power cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled power cords increase the risk of an electric shock.

e. **If operating the power tool in a damp environment cannot be avoided, use a residual-current circuit breaker.** Using a residual-current circuit breaker reduces the risk of an electric shock.

Personal safety

a. **Be attentive, pay attention to what you are doing and take the utmost care when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication.** One moment of carelessness when using a power tool can cause serious injury.

b. **Wear personal protective equipment and safety glasses.** Wearing personal protective equipment such as dust mask, non-skid safety shoes, hard hat or ear protection, depending on the type and use of the power tool, reduces the risk of personal injury.

c. **Avoid unintentional starting. Ensure the power tool is switched off before connecting it to the power supply and/or battery pack, picking it up or carrying it.** Carrying power tools with your finger on the switch or connecting activated power tools to the power supply can cause accidents.

d. **Remove any adjusting tool or spanner before turning the power tool on.** A tool or spanner that gets caught in a rotating part of the power tool can cause injuries.

e. **Before switching on the power tool, check all safety devices and covers for proper installation and function.**

f. **Avoid an abnormal posture. Ensure secure footing and maintain balance at all times.** This enables better control of the power tool in unexpected situations.

g. **Wear suitable clothing. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

h. **Do not let familiarity gained from frequent use of the power tool allow you to become careless and ignore tool safety principles.** Within a fraction of a second, careless behaviour can lead to serious injuries.

Use and care of the power tool

a. **Do not overload the power tool. Use the appropriate power tool for your work.** Using the right power tool will enable you to work better and safer within the indicated power range.

b. **Do not use a power tool if its switch is defective.** A power tool that cannot be turned on or off is dangerous and must be repaired.

c. **Disconnect the plug from the socket and/or remove the battery pack before making any adjustments to the device, changing inserts or putting the power tool away.** This precaution prevents the unintentional start of the power tool.

d. **Store idle power tools out of the reach of children. Do not allow persons unfamiliar with the power tool or its instructions to operate the power tool.** Power tools are dangerous when used by inexperienced people. Make your workplace as childproof as possible by locking it, removing keys and disconnecting the power supply when the power tool is not in use.

e. **Maintain power tools and accessories with care. Check whether moving parts are working properly and are not jammed, and whether parts are broken or damaged to the extent that the function of the power tool is impaired. Have damaged parts repaired before using the power tool.** Many accidents are caused by poorly maintained power tools.

f. **Use the power tool, accessories, etc., according to the present instructions. Take into account the working conditions and the work to be performed.** The use of power tools for other than its intended applications can lead to dangerous situations.

g. **Keep handles and gripping surfaces dry, clean and free from oil and grease.** Slippery handles and gripping surfaces do not allow for safe handling and control of the power tool in unexpected situations.

h. **Only connect the type F plug of the machine to an earthed socket. <u>Do not</u>** turn on the machine if it is not earthed.

Service

a. **Only have your power tool repaired by qualified personnel and only with original spare parts.** This ensures that the safety of the power tool is maintained.

4 | Safety instructions for scroll saws

a. **This machine was primarily developed for processing wood or wood-like materials.** Processing certain materials may pose a risk of fire and accidents and may lead to damages to the machine.

b. **Make sure the ground is level, firm and has a sufficient load capacity.** An unexpected movement of the machine while working increases the risk of injury. Before switching on the machine, make sure it is stable and fix the machine on the installation surface for safety.

c. **Do not climb onto the machine.** Tipping over the machine can lead to serious injuries.

d. Wear **personal protective equipment (PPE).**

Ear protection: Wear ear protection for longer work. Certain materials can produce an increased noise level during sawing.

Safety glasses / face shield: Always wear at least safety glasses when working on the machine. If necessary, use a full eye protection or face shield, since normal eyeglasses are usually only shock-resistant and safety glasses only protect the eyes. A face shield protects eyes and face.

Respiratory protection: Exposure to sawdust can lead to serious and permanent respiratory diseases. Furthermore, when processing different types of wood, exotic wood-based and other materials, dusts are produced that are harmful to health. Therefore, operate the machines only in well-ventilated areas and wear respiratory protection. Use also a suitable dust extractor and a filtering system of the circulating air.

e. **Inform yourself about the scroll saw before using it for the first time.** If you are unfamiliar with the function of a scroll saw, get professional support.

f. **Minimum age.** The minimum age to use the scroll saw is 16 years.

g. **Wear suitable clothing.**

Moving parts can be dangerous. Clothing, jewellery and long hair can get caught in the moving parts. Therefore, do not wear loose clothing or jewellery and use a headgear or hairnet. Avoid wearing gloves that can get caught in moving parts. Wear protective footwear and make sure the floor is non-slip.

h. **Do not work in damp, dark and dangerous environment**. The scroll saw is designed exclusively for indoor use. Protect the machine from hazy or damp locations and do not expose it to wet conditions. Ensure adequate lighting and ventilation of the workplace. Avoid areas with explosive atmospheres. Failure to comply with these rules may result in warranty loss.

i. **Keep your workplace neat and clean.** Untidy workplaces and tables cause accidents. Do not switch on the lathe until all objects (tools, pieces of wood, etc.) have been removed from it. Keep the immediate work area and floor free from dirt. Dirt poses a risk of accidents.

j. **Avoid unintentional starting.** Make sure that the scroll saw is switched off when connecting it to a type F socket.

k. **Do not operate the machine until it is fully assembled.**

l. **Do not remove any safety devices or covers.** If you need to remove them for maintenance work, replace them immediately afterwards. Safety devices and covers are for your safety.

m. **Do not leave the machine running unattended.** Do not leave the machine until the power is turned off and the machine has come to a complete stop.

n. **Use the right tool.** Use only suitable tools or accessories. Avoid unnecessary force of the tools. Keep the tools in good condition.

o. **Pay attention to secure footing** (foot position, balance).

p. **Make sure there is enough work space around the machine.** Untidy work surfaces and floors can lead to injuries.

q. **Use only original accessories** and follow the steps described in the operating instructions. Using accessories from other manufacturers may result in injuries.

r. **Working with the scroll saw:**

- Check the material for e.g. nails, staples and branches that could cause problems during sawing.
- Keep your arms, hands and fingers away from the blade. Avoid difficult operations and hand positions that could result in your hands coming into contact with the blade due to sudden slipping. Do not wear gloves when working and do not hold the workpiece with a cloth.
- Disconnect the machine from the power supply before carrying out maintenance, cleaning or adjustment work or changing the blade. Follow the maintenance instructions.
- Check cables (including extension cords) regularly for defects and have damaged cables replaced by a qualified electrician.
- Check the blades regularly for wear or damage. Do not work with damaged or worn blades; replace them instead.
- Before leaving the machine, disconnect it from the power supply, clean the table and the workplace and secure the machine against unauthorised use.

5 | Installation site requirements

Place the scroll saw near a power source (type F socket).
Make sure the ground is level, firm and has a sufficient load capacity. Leave enough space around the machine. For additional safety, screw the machine to the installation surface. Pay attention to good lighting and ventilation. If possible, place the machine near a window.

6 | Connecting to power

In order to operate the scroll saw, a suitable household type F socket is required, which is protected by at least a B16 (ampere) circuit breaker. Mains protection, neutral conductor and earthing must be provided.

Electrical cables and sockets must comply with local electrical codes. The mains voltage and frequency must correspond to the specifications shown on the scroll saw's nameplate. Follow the indications in the wiring diagram. Do not make any changes to the electrical circuits. The manufacturer assumes no liability for unauthorised modifications. In case of doubt, ask your electrician.

Avoid using an extension cord. If the use of an extension cord is unavoidable, choose a suitable extension cord and make sure that it does not present a tripping hazard.

Danger!

Touching live parts or an incorrectly earthed machine can result in serious injury including death.

Be sure to disconnect the machine from the power supply before carrying out maintenance or repair work. Have maintenance and repair work on the electrical system carried out only by a qualified electrician.

7 | Notes on illustrations used

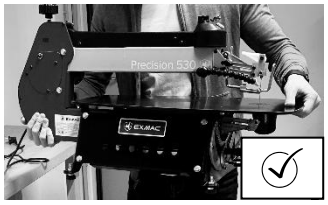
Note!

Since the Precision 400, Precision 530 and Precision 760 scroll saws differ mainly in their dimensions, the illustrations used in this operating instructions only show one of the machines. Please note that your machine may differ in details.

8 | Notes on transport and assembly

The scroll saw is delivered pre-assembled.

When lifting the machine, make sure to hold it by the end of the table and by the frame below the motor. Do not lift it by the arm. This could cause damage to the arm.

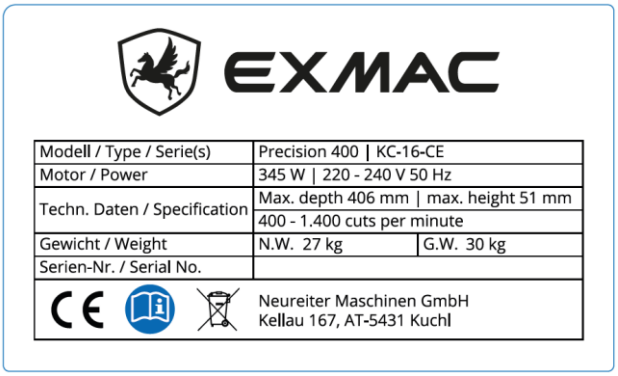


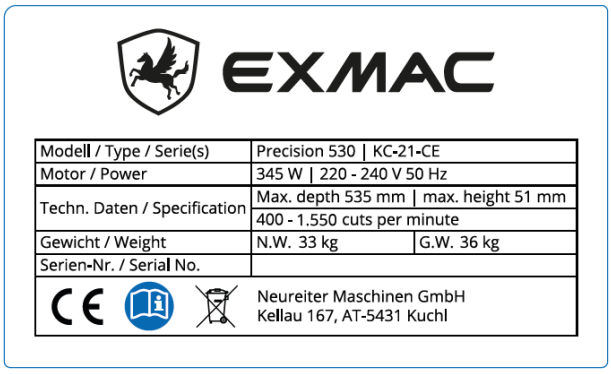
Unpack the machine and check that the delivery is complete and undamaged. If a part is missing or damaged, contact your dealer immediately.

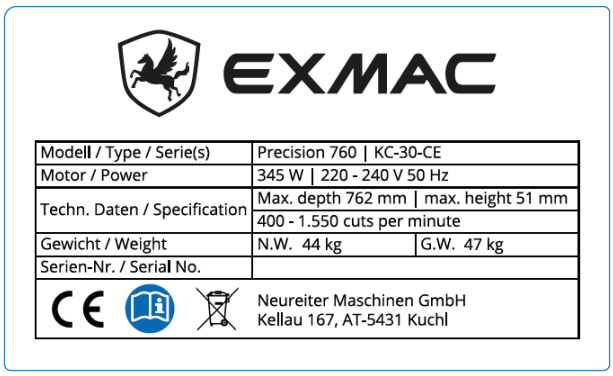
9 | Technical data

Model	Precision 400	Precision 530	Precision 760
Machine dimensions approx. (L x W x H)	71 x 41 x 45 cm	83 x 41 x 45 cm BT: 103 x 51 x 48 cm	110 x 37 x 45 cm
Table dimensions approx. (L x W x H)	48 x 30 x 0.7 cm	60 x 34 x 0.7 cm BT: 72 x 51 x 0,7 cm	82 x 36 x 0.7 cm
Voltage	220-240 V	220-240 V	220-240 V
Frequency	50 Hz	50 Hz	50 Hz
Rated input	345 W; 1.5 A	345 W; 1.5 A	345 W; 1.5 A
Speed (strokes per minute)	400-1400	400-1550	400-1550
Max. throat	approx. 406 mm	approx. 535 mm	approx. 762 mm
Max. cutting height in initial position	51 mm	51 mm	51 mm
Blade stroke	21 mm	21 mm	21 mm
Tilt machine head left/right	30°/45°	38°/45°	38°/45°
Inside/outside diameter dust collection port	58/62 mm	58/62 mm	58/62 mm
Weight	27 kg	33 kg / 36 kg (BT)	44 kg
Sound pressure level	67 dB(A)	67 dB(A)	67 dB(A)

10 | Nameplates



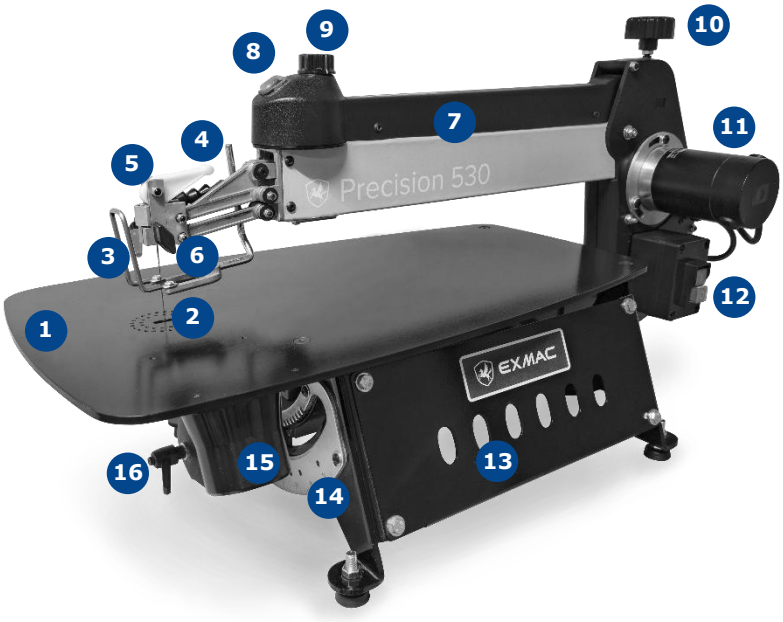




11 | Functional description of the machine

The scroll saw is designed for processing wood, wood-like materials or materials coated with wood. It can also be used to process plastics and non-ferrous metal. The machine head can be tilted up to 45°, which allows you to tilt the blade while the table remains in a horizontal position. The arm can be raised to enable an easy blade change. Changing the blade is particularly easy by simply loosening and tightening the T-handle screws. The speed control knob attached to the arm is easy to reach. The machine is equipped with a dust blower, which blows the saw dust towards the opening in the table. The dust collection port mounted at this point from below enables simple connection to a dust collector.

12 | Machine description



1. Table
2. Blade
3. Workpiece holder
4. Dust blower (rear side)
5. Tension lever
6. T-handle screw
7. Arm
8. Rocker switch
9. Speed control
10. Adjustment knob
11. Motor
12. ON/OFF switch
13. Base
14. Tilt indicator
15. Dust collection port
16. Locking lever on star knob screw for tilting the machine head

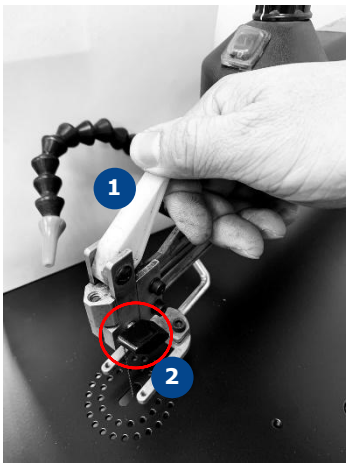
13 | Scroll saw assembly

The scroll saw is delivered pre-assembled. For maximum safety, we recommend screwing the machine to the supporting surface (workbench or optionally available stand). If you do not want to screw the machine to the supporting surface, mount the machine feet supplied. For this, screw a hex nut onto the foot, put the foot from below through the hole in the machine base and then screw on a hex nut from above to secure it. Repeat this procedure for the remaining three feet.

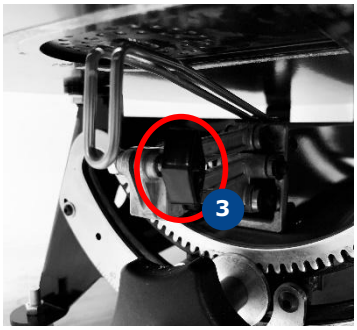
Fixing and changing the blade

Caution!
Be sure to switch off the machine and disconnect it from the power supply before fixing or changing the blade.

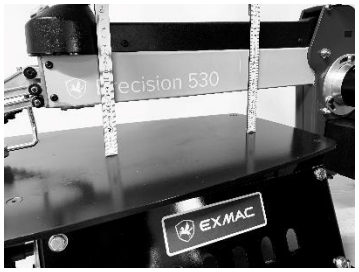
1. Loosen the tension lever 1 on the arm.



2. Loosen the T-handle screw (2) on the arm and the T-handle screw (3) on the base.



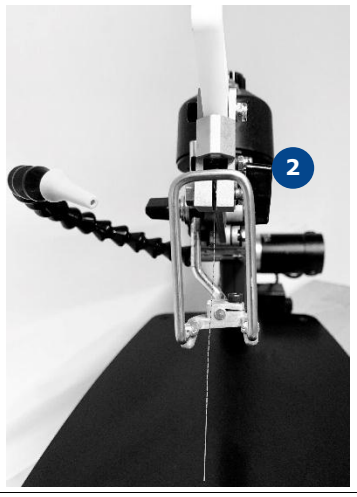
3. If necessary, remove the blade and check that table and arm are parallel. For this, use two rulers and compare the distances at two different points. If necessary, change the inclination angle of the arm with the adjustment knob (4).



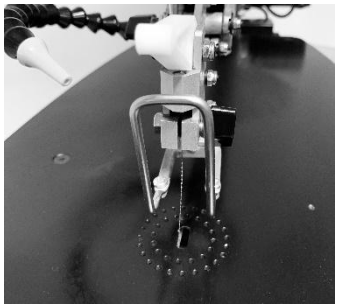
4. Raise the arm and insert the new blade. Use the T-handle screw (2) on the arm to fix it.

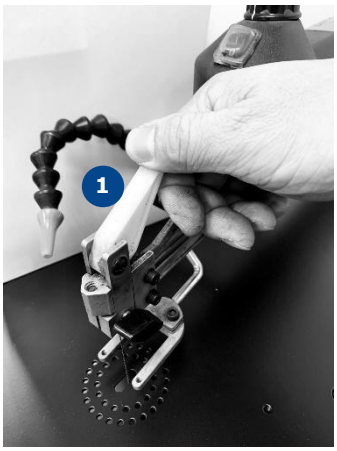
Note!

- Take care not to overtighten the T-handle screw and the opposite set screw to avoid irreparable damage to the threads. For this, make sure that the blade is not bent or kinked (see also page 13).
- Do not hold the blade with pliers. This can lead to damage.



5. Lower the arm and guide the blade through the slot on the table. Align the blade and fix it with the T-handle screw on the machine base.



6. Use the tension lever 1 on the arm to tension the blade.	
7. If necessary, change the blade tenision with the adjustment knob 4.	

14 | Operating the scroll saw

Turning the machine ON and OFF

1. Before connecting the machine to the power supply, press the red OFF-switch (0) to make sure that the machine is turned off. 2. Plug in the machine and press the green ON-switch (I) to turn on the machine.	
3. With the machine turned on, set the rocker switch on the arm to "I" to activate the blade stroke. If a foot switch is connected, it will be activated by this rocker switch. To deactivate the blade stroke or the foot switch, set the rocker switch to "O".	
4. If you need to stop or start the machine while working, always use the ON/OFF-switch. Always press the red OFF-switch when you have finished working.	

Changing the blade stroke speed

Using the speed control knob at the top of the arm, you can continuously adjust the scroll saw speed in the range of 400- 1400 strokes/min.

Turn the speed control knob clockwise to increase the speed.

Turn the speed control knob anti-clockwise to reduce the speed.

The speed to be selected depends on material, material thickness, blade and experience. If you have little or no experience with scroll saws, select a lower speed.

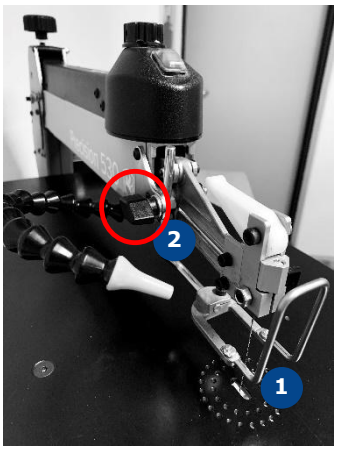
A lower speed is also recommended when sawing hard and dense or particularly fine and brittle material, as well as when sawing non-ferrous metal.

As you gain experience, you will easily select the right speed.

Adjusting the workpiece holder

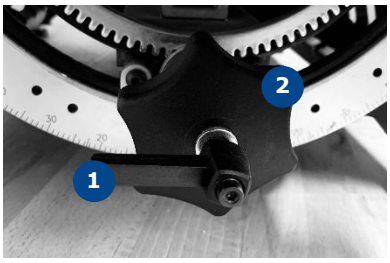
Your scroll saw is equipped with a workpiece holder 1 that prevents your workpiece from lifting off the table during sawing.

To adjust the workpiece holder, loosen the T-handle screw 2 on the left side of the arm, select the appropriate setting and tighten the T-handle screw again. Take care not to clamp the workpiece so tightly that it can no longer be moved.



Tilting the machine head

1. Loosen the locking lever 1 on the star knob 2 below the table.
2. Turn the star knob clockwise to tilt the machine head to the right. Turn the star knob anti-clockwise to tilt the machine head to the left.
3. Once you have reached the desired angle, tighten the locking lever.

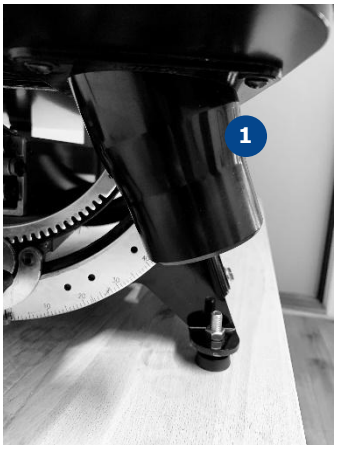


Connecting a dust collector

Your scroll saw is equipped with a dust collection port (1) with an inside diameter of 58 mm and an outside diameter of 62 mm. This allows easy connection of a dust collector.

The dust collection port impedes the maximum tilt of the machine head to the left. If necessary, you can remove the dust collection port to achieve the maximum tilt to the left.

Caution!
Be sure to switch off the machine and disconnect it from the power supply before removing the dust collection port.



15 | Cleaning, maintenance and servicing

Do not carry out maintenance work unless the main switch is switched off and the power plug is disconnected.

Have work on the electrical system carried out only by qualified electricians.

Clean the machine regularly and remove dust. Remove any kind of dirt that could clog moving parts.

Check the blades regularly for wear and damage. Do not work with damaged or worn blades; be sure to replace them.

Occasionally apply some grease to the moving parts.

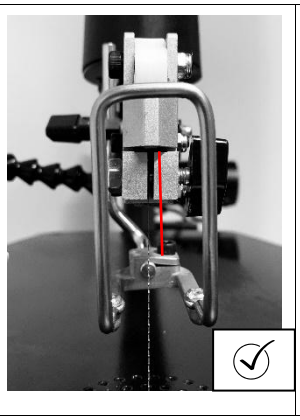
Replacing wear parts

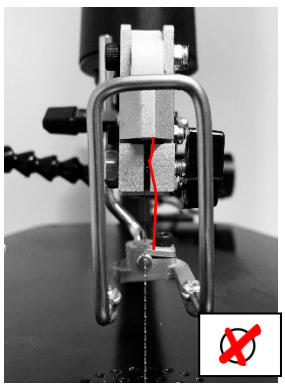
Some parts of your scroll saw are subject to natural wear. For technical reasons, this cannot be prevented. Below you will find out how to proceed when these parts are worn out.

Blade fixing T-handle screws

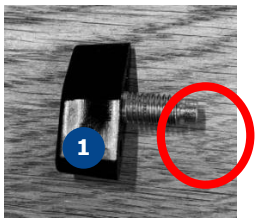
If the blade can no longer be clamped properly, the contact end of the T-handle screw, the T-handle screw or the opposite set screw may be worn out. The procedure is the same for both the T-handle screw on the arm and the T-handle screw on the machine base. Since it is only a matter of time before these T-handle and set screws need to be replaced, it is recommended to have a set of them ready.

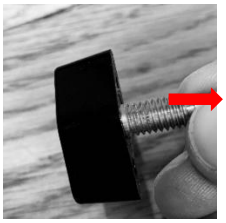
1. Check that the blade is correctly clamped between T-handle and opposite set screw and that it is not bent or kinked. If the blade is kinked, check whether the set screw opposite the T-handle screw is overtightened.

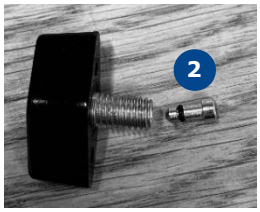




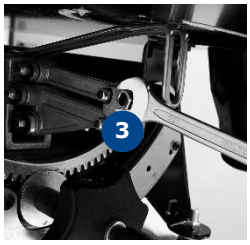
2. Unscrew the T-handle screw (1) and pull out the contact end (2). First replace the contact end of the T-handle screw.

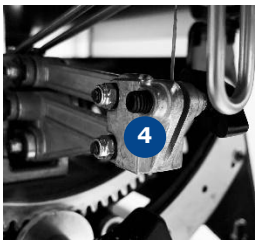


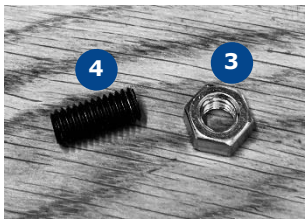




3. If the blade slips frequently, replace the T-handle screw and/or the opposite set screw (4). To replace the latter, unscrew the nut (3) with an open-ended spanner and unscrew the set screw from the thread.



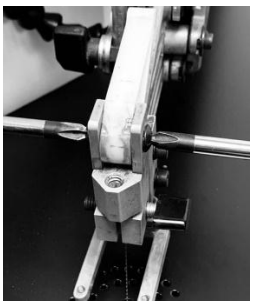




Tension lever

The lever for tensioning the blade is also subject to wear and may need to be replaced.
To do this, proceed as follows:

1. Remove the cross-head screw on the tension lever with a screwdriver. Use a cross-head screwdriver to hold the screw post on the other side of the tension lever.
2. Remove the tension lever and replace it.
3. Reattach the new tension lever with the cross-head screw.



Fixing the arm

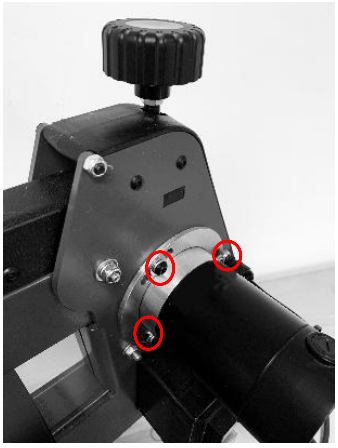
Over time, it may be possible that the arm sinks in raised position. In this case, readjust the set screw that fixes the arm. To do this, proceed as follows:

1. You will find the set screw on the side of the machine head opposite the motor.
2. Unclamp the blade on the arm.
3. Adjust the position of the arm so that it is parallel to the table and then raise it.
4. Loosen the nut on the set screw with an open-ended spanner.
5. Use a flat-head screwdriver to turn the set screw a quarter turn clockwise. Repeat this until the arm is held in the raised position.
6. Tighten the nut and check the adjustment.

Adjusting the stroke height

To adjust the blade stroke height in case of need, proceed as follows:

1. Turn off the scroll saw.
2. Loosen the three socket head screws on the machine's motor until you can turn the motor with your hands.
3. Turn on the machine and let it run at the lowest speed.
4. Turn the motor to adjust the stroke height.
5. Turn off the machine and retighten the socket head screws.

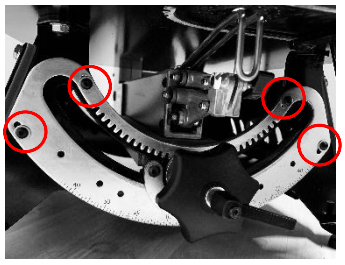


Adjusting the blade angle

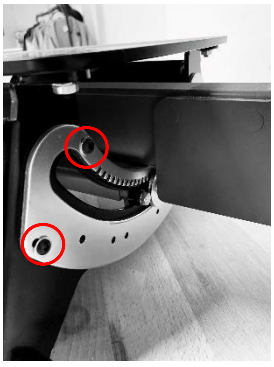
Depending on how often the machine's arm is raised, you will probably have to readjust the angle of the blade sooner or later as it will no longer be at a right angle to the table. Check the blade angle from time to time using a square and, if necessary, readjust the angle as follows:

Be sure to switch off the machine and disconnect it from the power supply!

1. Set the blade angle to 0 using the scale on the machine base.
2. Check the blade angle with a square that you place on the table.
3. If the measured value is not 90°, loosen the four screws on the scale plate on the front machine support.



4. Also loosen the four screws on the plate on the rear machine support.
5. Adjust the angle by moving the machine head.
6. Retighten the plates with the screws.

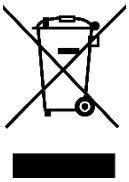


16 | Decommissioning

Please observe the following notes when preparing for final decommissioning:

- When decommissioning the machine, adhere to the applicable laws and regulations for disposal.

- Dispose of all parts of the machine in such a way that health and environmental damages are excluded. Check which materials can be recycled and recycle them properly.



- Do not dispose of the machine or parts of it together with domestic waste.

- Oils, greases, solvents and cleaning agents are hazardous to the environment and must not be allowed to reach sewage or normal domestic waste. Dispose of them via local recycling centres. The same applies to cleaning rags or polishing wool soaked in oils, greases, solvents and cleaning agents.

Of course, you can also bring your defective machine to your local dealer. He will ensure proper recycling.

17 | Terms of guarantee

Neureiter GmbH grants a two-year manufacturer's guarantee on this product from the date of purchase.
If defects in material or workmanship occur during the intended use of the machine, please contact your dealer. After submission of a copy of the invoice, the defect in question will be verified in coordination with our service department and, as required, it will be repaired or the product will be replaced. The organisation of a possible transport (after consultation with our service department) lies within the responsibility of the customer. The packaging must be safe for transport.
If it is determined that the complaint lies outside the granted terms of guarantee (e.g. in the case of defects arising from normal wear, improper use, power overload, overvoltage, unauthorized modifications of the machine, use of force, failure to observe the safety precautions or own attempts of repair), the customer has to pay the full costs for transport and repair.
Only the terms of guarantee cited here are valid, any side agreements are not recognised unless they are presented in written form and signed (documented) by the manufacturer/importer. No claim whatsoever arises from verbal agreements that have not been documented. The present terms of guarantee are valid in German-speaking countries; elsewhere different terms of guarantee may apply. In this case, please contact your local dealer.
Please note that your statutory rights are not restricted by the above guarantee.

18 | EC Declaration of conformity

CE

EC – Declaration of Conformity

For machines (according to EC-Directive 2006/42/EC)

No. of Declaration of Conformity:	Neu-EX-234-701-EN
Distributor:	Neureiter Maschinen GmbH Gewerbegebiet Brennhoflehen Kellau 167 A – 5431 Kuchl
Responsible person for technical documentation:	Ludwig Neureiter Kellau 167 A – 5431 Kuchl
Object of the declaration:	Scroll Saw
Product designation:	**EXMAC Precision 400 / 530 / 760**
Technical name:	*KC-16-CE / KC-21-CE / KC 30-CE*

The serial number, crucial technical information and marks of conformity can be found on the rating plate of each machine.
The distributor bears the sole responsibility for issuing this EC Declaration of Conformity.
The object of the declaration described above is in conformity with the relevant **Union harmonisation legislation**:

Machinery Directive 2006/42/EC
Electromagnetic Compatibility (EMC) Directive 2014/30/EU

The following harmonised standards and technical specifications have been applied:

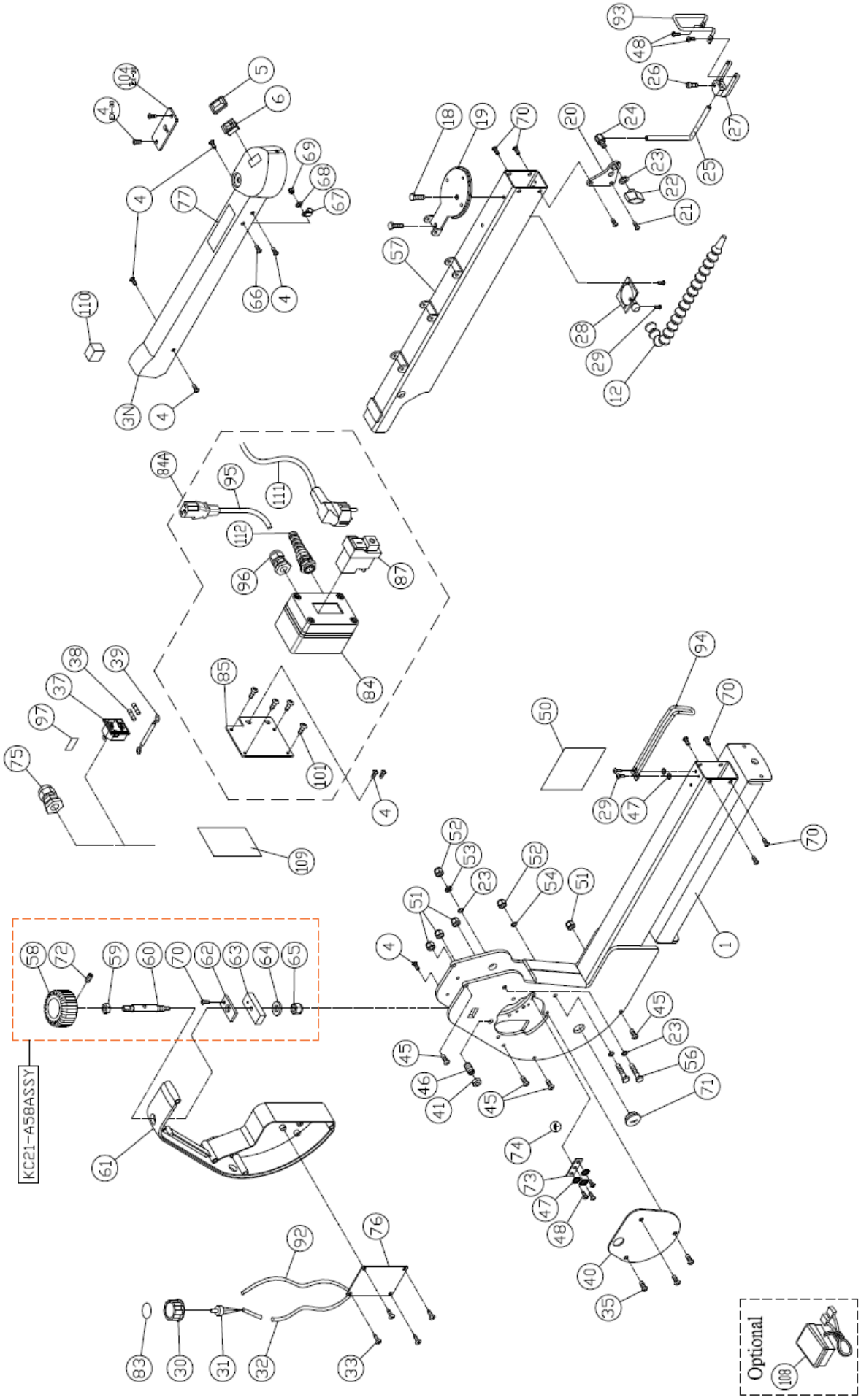
EN ISO 12100:2010	Safety of machinery – General principles for design – Risk assessment and risk reduction
EN 62841-1:2015	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General Requirements
EN 55014-1:2021	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1:Emission
EN 55014-2:2021	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity

Mr Ludwig Neureiter
Neureiter Maschinen GmbH
Gewerbegebiet Brennhoflehen
Kellau 167
A – 5431 Kuchl

Kuchl, 30 November 2023
Ludwig Neureiter (owner)

EX_DSPXXX_Neu-EX-234-701-EN

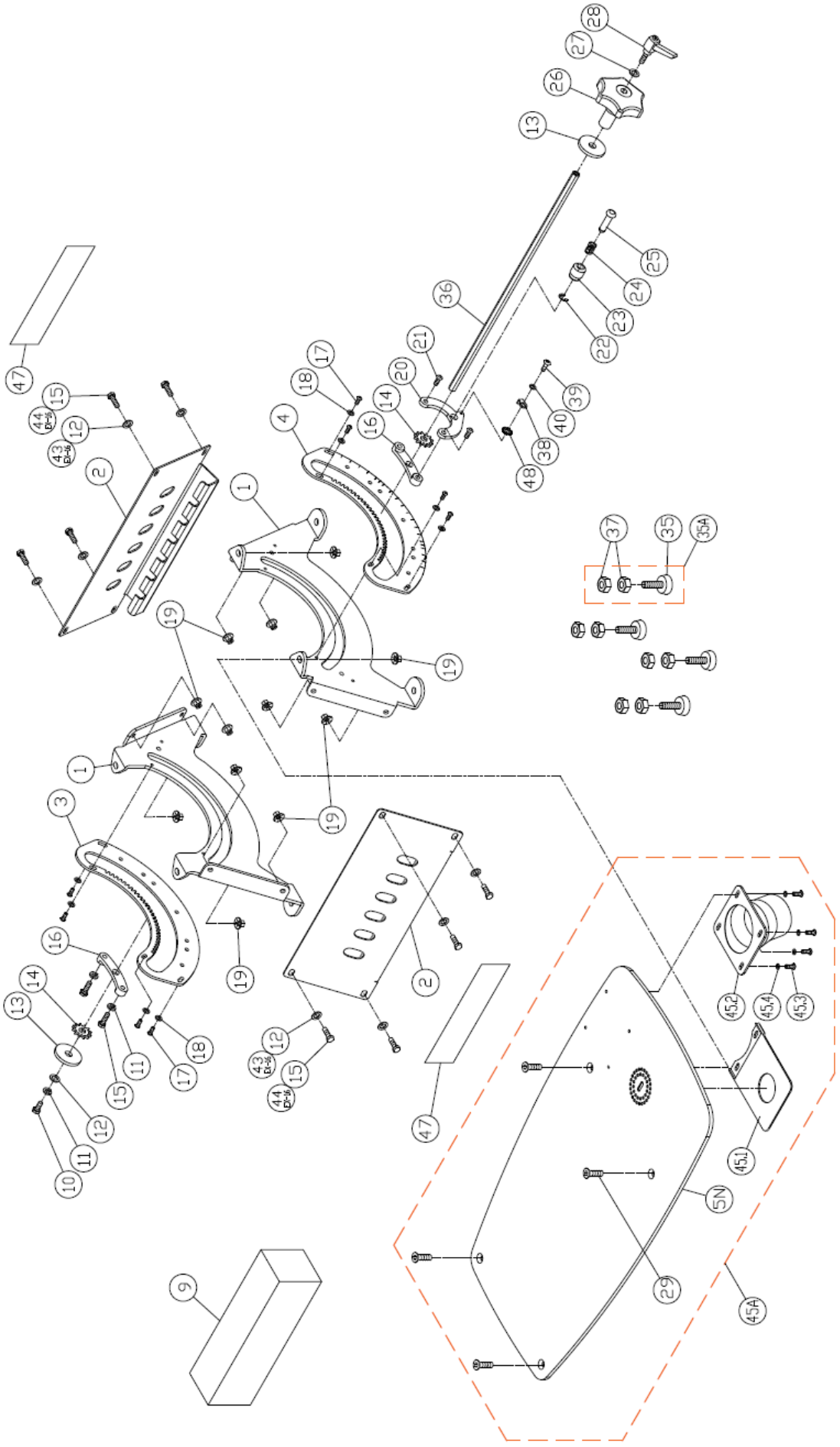
19 | Exploded view A



Ref.	Part no.	Description	Specification	Qty.
01	KC21-A01	Main body P530		1
	KC16-A78	Main body P400		1
	KC30-A01	Main body P760		1
03N	KC21-A03N	Upper arm cover P530 (BT)		1
	KC16-A79	Upper arm cover P400		1
	KC30-A03	Upper arm cover P760		1
04	KC21-A04	Socket head screw P530/P400	#10-32x1/4"	8
	KC30-A04	Socket head screw P760	#10-32x1/4"	2
05	KC21-A05	Switch cover		1
06	KC21-A06	Switch		1
12	KC21-A12	Dust blower nozzle		1
18	KC21-A18	Bolt	1/4"-20x1/2"	2
19	KC21-A19	Upper + lower tension plate		1
20	KC21-A20	Mounting plate for workpiece holder		1
21	KC21-A21	Socket head screw	#10-32x3/8"	2
22	KC21-A22	Workpiece holder T-handle screw		1
23	KC21-A23	Washer	1/4"x16x1.8	4
24	KC21-A24	Workpiece holder screw		1
25	KC21-A25	Workpiece holder bar		1
26	KC21-A26	Cap screw	#10-32x1/2"	1
27	KC21-A27	Workpiece holder fork		1
28	KC21-A28	Dust blower		1
29	KC21-A29	Tap screw	#8-32UNF3/8"	4
30	KC21-A30	Speed control knob		1
31	KC21-A31CE	Speed control		1
32	KC21-A32CE	Control cable P530 (BT)		1
	KC16-A32CE	Control cable P400		1
	KC30-A32CE	Control cable P760		1
31/32	KC21-A31/32CE	Control cable P530 (BT)		1
	KC16-A31/32CE	Control cable P400		1
	KC30-A31/32CE	Control cable P760		1
33	KC21-A33	Screw	M3.5x8	4
35	KC21-A35	Socket head screw	1/4"-20x1/2"	3
37	KC21-A37	Power cord socket		1
38	KC21-A91A	Fuse		2
39	KC21-A39	Ground jumper		1
40	KC21-A40	Gear cover P530 (BT) / P400		1
	KC30-A40	Gear cover P760		1
41	KC21-A41	Nut	3/8"xT5.5	1
45	KC21-A45	Socket head screw	#10-32x2-1/4"	4
46	KC21-A46	Set screw	3/8"x5/8	1
47	KC21-A47	Washer	#8	5
48	KC21-A48	Screw	#8-32x1/4"	5
50	KC21-A50	Nameplate P530		1
	KC21-A50A	Nameplate P530 BT		
	KC16-A50	Nameplate P400		1
	KC30-A50	Nameplate P760		1
51	KC21-A51	Nylon nut	#10-32	4
52	KC21-A52	Nylon nut	1/4"-20UNC	2
53	KC21-A53	Safety washer	1/4"	1

Ref.	Part no.	Description	Specification	Qty.
54	KC21-A54	Washer	1/4" (d_a 13)	1
56	KC21-A56	Screw	1/4"*2-1/2"	2
57	KC21-A57	Arm P530		1
	KC21-A57A	Arm P530 BT		1
	KC16-A80	Arm P400		1
	KC30-A57	Arm P760		1
58	KC21-A58	Adjustment knob		1
	KC21-A58ASSY	Raising mechanism assembly		
59	KC21-A59	Nut	M8	1
60	KC21-A60	Adjusting lever		1
61	KC21-A61	Housing raising mechanism		1
62	KC21-A62	Cross block retainer		1
63	KC21-A63	Cross block housing		1
64	KC21-A64	Washer	M6x16x2	1
65	KC21-A65	Nylon nut	M6	1
66	KC21-A66	Socket head screw	#10-32x1/2"	1
67	KC21-A67	Cable clamp	ACC9	1
68	KC21-A68	Washer	#10	1
69	KC21-A69	Nylon nut	#10-32	1
70	KC21-A70	Socket head screw	#10-32x5/16"	7
71	KC21-A71	Slotted plug		1
72	KC21-A72	Set screw	M4x5	1
73	KC21-A73	Ground plate		1
74	KC21-A74	Ground label		1
75	KC21-A75	Strain relief	PG11	1
76	KC21-A76	Motor control P530 (BT)		1
	KC16-A82	Motor control P400		1
	KC30-A76	Motor control P760		1
77	KC21-A77	Warning label A		1
83	KC21-A113	Label speed control knob		1
84A	KC21-A84A	Switch box set		
84	KC21-A84	Switch box		1
85	KC21-A85	Control plate		1
87	KC21-A87	Switch		1
92	KC21-A92	Power cord P530 (BT)		1
	KC16-A92	Power cord P400		1
	KC30-A92	Power cord P760		1
93	KC21-A93	Upper protection bracket		1
94	KC21-A94	Lower protection bracket		1
95	KC21-A95	Short power cable		1
96	KC21-A96	Strain relief	PG9	1
97	KC21-A97	Fuse holder label		1
101	KC21-A101	Round-head screw	M4x8	4
104	KC30-104	Switch plate P760		1
108	KC21-108	Foot switch (optional)		1
109	KC21-A109	Foam	90*60	1
110	KC21-A110	Foam block P530 (BT) / P400		1
	KC30-A110	Foam block P760		2
111	KC21-A111	Power cord		1
112	KC21-A112	Strain relief		1

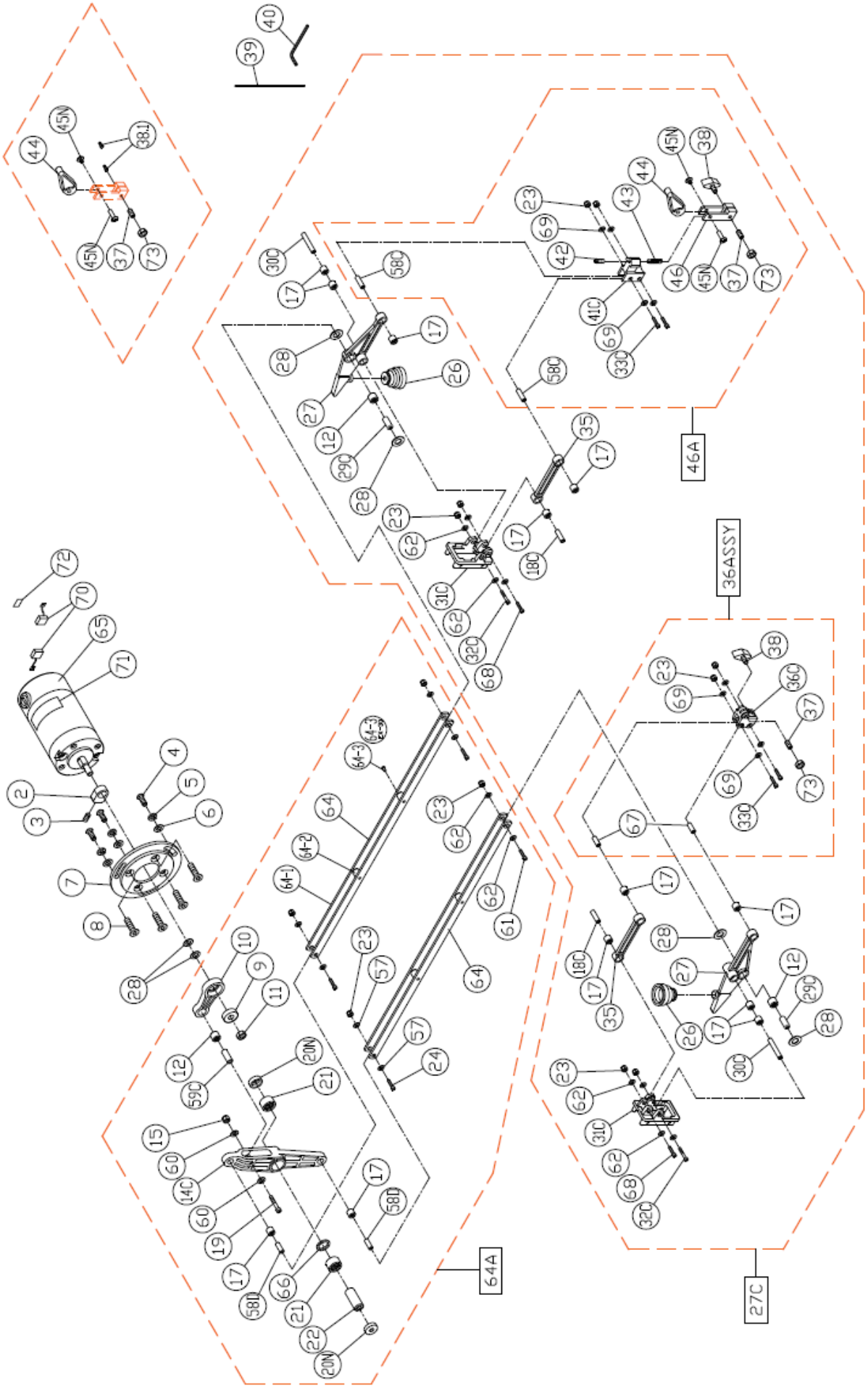
21 | Exploded view B



Ref.	Part no.	Description	Specification	Qty.
01	KC21-B01	Machine support		2
02	KC21-B02	Side panel P530 (BT)		2
	KC16-B41	Side panel P400		2
	KC30-B02	Side panel P760		2
03	KC21-B03	Rear plate		1
04	KC21-B04	Front scale plate		1
05N	KC21-B05N	Table P530	596 x 345	1
	KC21-B05NA	Table P530 BT	722 x 510	1
	KC16-B42	Table P400		1
	KC30-B05N	Table P760		1
09	KC21-B09	Polyfoam		1
10	KC21-B10	Screw	1/4"-20UNC*1/2"	1
11	KC21-B11	Safety washer	1/4"	3
12	KC21-B12	Washer	1/4"	8
		Washer	1/4"	1
13	KC21-B13	Tilt mechanism washer		2
14	KC21-B14	Tilt mechanism drive gear		2
15	KC21-B15	Screw	1/4"-20UNC*3/4"	8
		Screw	1/4"-20UNC*3/4"	2
16	KC21-B16	Angle follower		2
17	KC21-B17	Screw	#10-32x5/16"	8
18	KC21-B18	Washer	#10x12x1	8
19	KC21-B19	Nut	1/4"-20UNC	12
20	KC21-B20	Angle indicator		1
21	KC21-B21	Socket head screw	1/4"-20x1"	2
22	KC21-B22	Circlip	ETW-3	1
23	KC21-B23	Tilt detent barrel		1

Ref.	Part no.	Description	Specification	Qty.
24	KC21-B24	Spring		1
25	KC21-B25	Detent plunger		1
26	KC21-B26	Star knob tilt mechanism		1
27	KC21-B27	Washer	1/4"x16x3	1
28	KC21-B28	Locking lever		1
29	KC21-B29	Flat head screw	1/4"-20	4
35A	KC21-B35A	Machine foot assembly		4
35	KC21-B35	Adjustable machine foot	3/8"-16x1-1/4	
36	KC21-B36	Tilt locking draw rod P530 (BT)		1
	KC16-B45	Tilt locking draw rod P400		1
	KC30-B36	Tilt locking draw rod P760		1
37	KC21-B37	Nut	3/8"-16UNC	
38	KC21-B38	Pointer		1
39	KC21-B39	Round-head screw	M4x6	1
40	KC21-B40	Washer	M4	1
43	KC16-B43	Washer P400	1/4"	8
44	KC16-B44	Socket head screw	1/4-20UNC*3/4	8
45A	KC21-B45A	Dust collection assembly P530 (BT)		
	KC16-B45A	Dust collection assembly P400		
	KC30-B45A	Dust collection assembly P760		
45.1	KC21-B45.1	Plastic cover P530 (BT)		1
	KC16-B45.1	Plastic cover P400		1
45.2	KC21-B45.2	Dust collection port		1
45.3	KC21-B45.3	Round-head screw	#8-32UNC-3/8"	4
45.4	KC21-B45.4	Washer	#8-32UNC	4
47	KC21-B47	Model label		2
48	KC21-B48	External tooth washer	M4	1

23 | Exploded view C



Ref.	Part no.	Description	Specification	Qty.
02	KC21-C02	Balance block		1
03	KC21-C03	Set screw	M6*6	1
04	KC21-C04	Socket head screw	1/4"-20x1/2"	3
05	KC21-C05	Safety washer	1/4"	3
06	KC21-C06	Washer	1/4"x16x1.8	3
07	KC21-C07	Motor cover plate		1
08	KC21-C08	Screw	M6x16	4
09	KC21-C09	Bearing	608ZZ	1
10	KC21-C10	Motor cam		1
11	KC21-C11	Nut	M8xP1.25 LH	1
12	KC21-C12	Bearing	HK0810	3
14C	KC21-C14C	Rocker cam		1
15	KC21-C15	Locknut	M5	1
17	KC21-C17	Bearing	HK0609	12
18C	KC21-C18C	Inner bearing sleeve P530 / P760	Ø 6 03x21	2
	KC16-C18C	Inner bearing sleeve P400	Ø 6 03x9.8	2
19	KC21-C19	Cap screw	M5*28	1
20N	KC21-C20N	Bearing cover		2
21	KC21-C21	Bearing	HK1412	2
22	KC21-C22	Main rocker pivot	Ø 14 04x35.5	1
23	KC21-C23	Nut	M4	12
24	KC21-C24	Cap screw	M4*25	2
26	KC21-C26	Bellows		2
27	KC21-C27	Front rocker		2
27C	KC21-C27C	Upper/lower rocker assembly P530		
	KC16-C27C	Upper/lower rocker assembly P400		
	KC30-C27C	Upper/lower rocker assembly P60		
28	KC21-C28	Washer	M8*15*0.6	6
29C	KC21-C29C	Inner bearing sleeve front rocker	Ø 8 03x18.40	2
30C	KC21-C30C	Inner bearing sleeve P530 / P760	Ø 6 03x37	2
	KC16-C30C	Inner bearing sleeve P400	Ø 6 03x25.8	2
31C	KC21-C31C	Rocker mounting P530 / P760		2
	KC16-C31C	Rocker mounting P400		2
32C	KC21-C32C	Cap screw P530	M4*45	2
	KC16-C32C	Cap screw P400	M4*40	2
33C	KC21-C33C	Cap screw P530	M4*24	4
	KC16-C33C	Cap screw P400	M4*22	4
35	KC21-C35	Strut		2
36C	KC21-C36C	Blade chuck P530 / P760		1
	KC16-C36C	Blade chuck P400		1
36ASSY	KC21-C36ASSY	Blade chuck assembly bottom P530 / P760		
	KC16-C36ASSY	Blade chuck assembly bottom P400		
37	KC21-C37	Set screw	M6*14	4
38	KC21-C38	Blade clamping T-handle screw		2
38.1	KC21-C38.1	T-handle screw contact end		2
39	KC21-C39	Blade		5

Ref.	Part no.	Description	Specification	Qty.
40	KC21-C40	Hex key	3 mm	1
41C	KC21-C41C	Clamp bracket P530 / P760		1
	KC16-C41C	Clamp bracket P400		1
42	KC21-C42	POM set screw	1/4"-20UNC	1
43	KC21-C43	Spring		1
44	KC21-C44	Tension lever P530 / P400	5 mm	2
	KC30-C44	Tension lever P760	7 mm	2
45N	KC21-C45N	Screw post	M4	2
		Round-head screw	M4x6	2
46	KC21-C46	Sliding bracket		1
46A	KC21-C46A	Upper blade tension assembly P530		
	KC16-C46A	Upper blade tension assembly P400		
	KC30-C46A	Upper blade tension assembly P760		
57	KC21-C57	Washer	M4x10x1	4
58C	KC21-C58C	Inner bearing sleeve P530 / P760	Ø 6 03x16.5	2
	KC16-C58C	Inner bearing sleeve P400	Ø 6 03x9.8	2
58D	KC21-C58D	Inner bearing sleeve	Ø 6 03x16.5	2
59C	KC21-C59C	Inner bearing sleeve	Ø 8 03x21.5	1
60	KC21-C60	Washer	M5	2
61	KC21-C61	Cap screw	M4*27	2
62	KC21-C62	Washer	M4x14x1.2	4
				8
64	KC21-C64	Drive link P530		2
	KC16-C64	Drive link P400		2
	KC30-C64	Drive link P760		2
64-1	KC21-C64-1	Upper and lower rocker P530	484 mm	4
	KC16-C64-1	Upper and lower rocker P400	357.2 mm	4
	KC30-C64-1	Upper and lower rocker P760	713 mm	4
64-2	KC21-C64-2	Spacer bushing P530		4
	KC30-C64-2	Spacer bushing P760		6
64-3	KC21-C64-3	Rivet P530		4
	KC30_C64-3	Rivet P760		6
64A	KC21-C64A	Drive link assembly P530		
	KC16-C64A	Drive link assembly P400		
	KC30-C64A	Drive link assembly P760		
65	KC21-C65	Motor		1
66	KC21-C66	Spacer		1
67	KC21-C67	Inner bearing sleeve P530 / P760	Ø 6 03x16	2
	KC16-C67	Inner bearing sleeve P400	Ø 6 03x9.8	2
68	KC21-C68	Cap screw P530	M4x30	2
	KC16-C68	Cap screw P400	M4x25	
69	KC21-C69	Washer	M4*8*1	8
70	KC21-C70	Motor brush		2
71	KC21-C71	Motor nameplate P530		1
	KC30-C71	Motor nameplate P760		1
	KC16-C71	Motor nameplate P400		1
72	KC21-A114	Label black		1
73	KC21-C73	Nut	M6	4


EXMAC