**DE** **Original Betriebsanleitung** **5-fach Kombination**

**EN** **User Manual** **Combined 5-operation machine**

# K5 260L

*Bedienungsanleitung und Sicherheitshinweise lesen und beachten!*

*Read the operation manual carefully before first use*!

CE

*Technische Änderungen sowie Druck- und Satzfehler vorbehalten!*

*Technical data subject to changes, errors excepted!*

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# 10 PREFACE

## Dear Customer!

This manual contains Information and important instructions for the installation and correct use of the Electric drill bit sharpener K5 260L.
This manual is part of the machine and shall not be stored separately from the machine. Save it for later reference and if you let other persons use the machine, add this instruction manual to the machine.

**Please read and obey the security instructions!**

Before first use read this manual carefully. It eases the correct use of the machine and prevents misunderstanding and damages of machine and the user's health.

Due to constant advancements in product design construction pictures and content may diverse slightly. However, if you discover any errors, inform us please.
Technical specifications are subject to changes!

**Please check the product contents immediately after receipt for any eventual transport damage or missing parts.**

**Claims from transport damage or missing parts must be placed immediately after initial machine receipt and unpacking before putting the machine into operation.**

**Please understand that later claims cannot be accepted anymore.**

## Copyright



## CUSTOMER SERVICE CONTACT

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# 11 TECHNIC

Fig. A

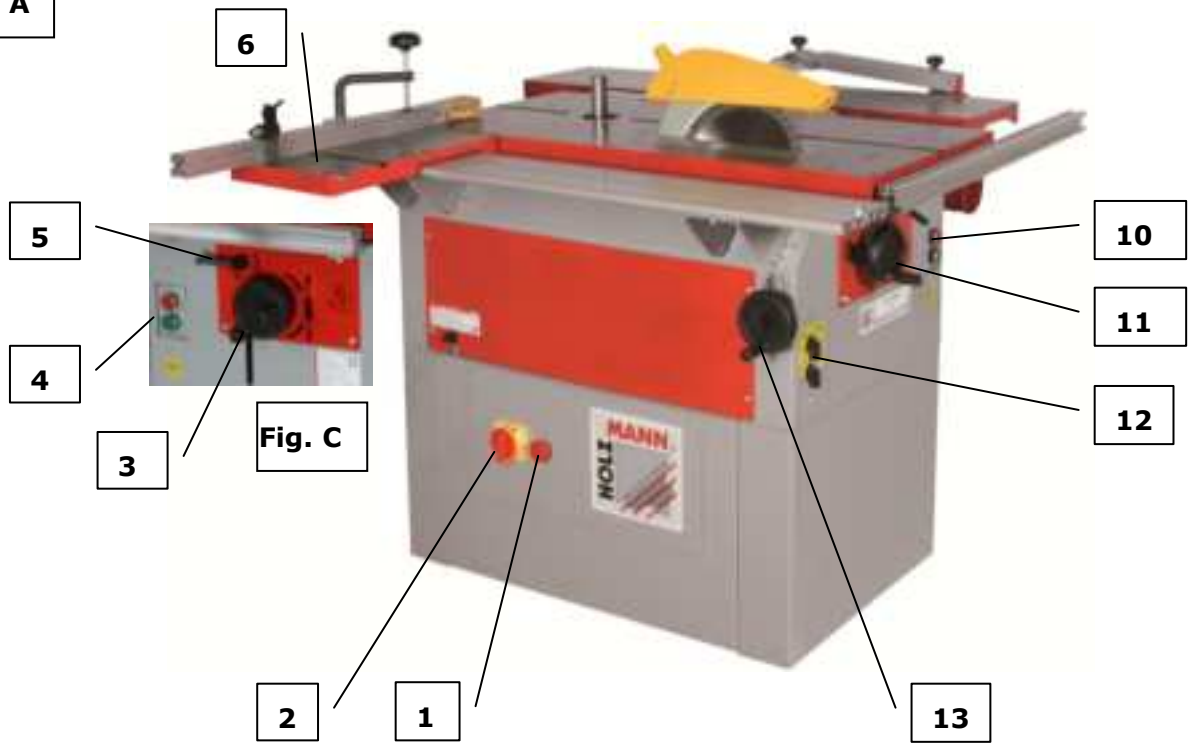
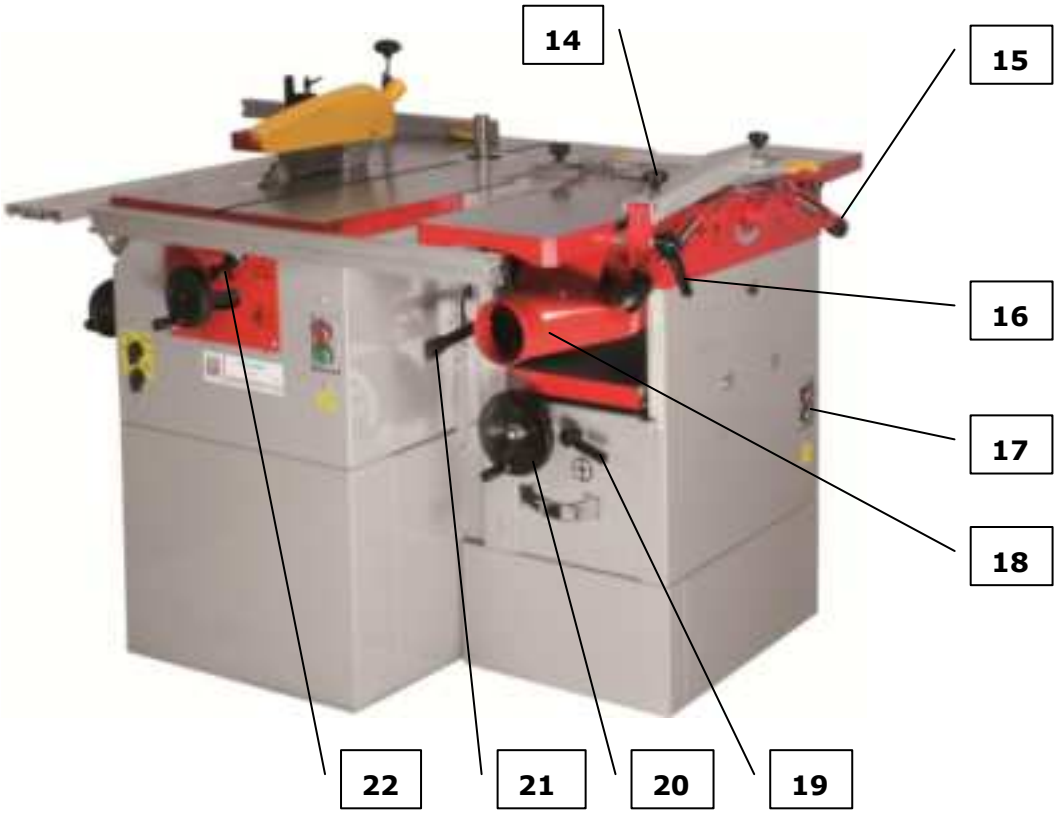



Fig. B



## 11.1 Components and controls

| | | | |
|---|---|---|---|
| **1** | EMERGENCY STOP switch | **12** | Selector Sawing / Milling / Planing |
| **2** | Main switch ON OFF | **13** | Saw blade inclination 0 ° - 45 ° |
| **3** | Height adjustment spindle | **14** | Clamping screw planing shafts cover |
| **4** | ON OFF button spindle | **15** | Adjusting planer thickness |
| **5** | fixing lever spindle | **16** | Clamping lever planer shaft cover |
| **6** | sliding table | **17** | ON OFF button planer |
| **7** | milling spindle | **18** | dust box |
| **8** | Saw blade guard | **19** | Clamping lever height adjustment jointer |
| **9** | Planer shaft cover | **20** | Height adjustment jointer |
| **10** | ON OFF button Saw | **21** | Feed lever Thicknesser |
| **11** | Saw blade height adjustment | **22** | Clamping lever blade height adjustment |

## 11.2 Technical data

### Circular saw

| | | |
|---|---|---|
| mains connection | V/Hz | 230/400 / 50 |
| Engine power main motor | kW S1 100% (S6) | 3,1 / 2,2 |
| Saw blade Ø max. | mm | 254 |
| Saw blade bore Ø | mm | 30 |
| saw blade speed | $min^{-1}$ | 4750 |
| max. cutting height | mm | 78 (90°) 60 (45°) |
| max. Cutting width on rip fence | mm | 470 |
| Work table size | mm | 980x470 |
| Swivel range | | 0° - 45° |
| Table with casters | mm | 400x250 |

### Milling machine

| | | |
|---|---|---|
| Engine power | kW S1 100% (S6) | 1,5 / 2,1 |
| spindle Ø | mm | 30 |
| Spindle speed | $U/min^{-1}$ | 6500 |
| spindle stroke | mm | 80 |
| Clamping height max | mm | 70 |
| Milling cutter Ø max. | mm | 200 |
| table opening | mm | 140 |
| Tool diameter retractable max. | mm | 130 |
| Tool Ø over table max. | mm | 150 |
| Adjustable fence (left / right) | mm | 350x125 |

**Planer**

| | | |
|---|---|---|
| Engine power planer | kW S1 100% (S6) | 1,5 / 2,1 |
| Planer shaft speed | U/min$^{-1}$ | 4000 |
| Planing shafts Ø | mm | 75 |
| Number planer knives | | 3 |
| Planer blades (mounted) | mm | 250x30x3 |
| table length | mm | 1090 |
| effective planing width | mm | 250 |
| Depth of cut max. | mm | 5 |
| Abrichtanschlag (90 ° - 45 ° tilt) | mm | 715x130 |

**Thicknesser**

| | | |
|---|---|---|
| Engine power planer | kW S1 100% (S6) | 1,5 / 2,1 |
| Thicknessing width | mm | 250 |
| Passage height min / max. | mm | 5 / 195 |
| Depth of cut max | mm | 2 |
| Feed rate | m/min | 8 |

**Slot –optional-**

| | | |
|---|---|---|
| Drilling dimensions | mm | 500 x 210 |
| Table lift | mm | 140 |
| Chuck | mm | Westcott 0 - 16 |
| drilling depth max. | mm | 160 |
| Drilling wide max. | mm | 270 |

**generally**

| | | |
|---|---|---|
| Table height | mm | 840 |
| Extraction Ø milling hood | mm | 100 |
| Ø suction hood chips | mm | 100 |
| mains voltage | V / Hz | 230 od. 400 / 50 |
| net Weight | kg | 320 |

### 11.2.1 Mortiser (optional)


| | |
|---|---|
| **1** | Workpiece clamping device |
| **2** | Grooving table |
| **3** | Operating lever |
| **4** | Hand crank to adjust the table height |
| **5** | 2 adjustable stop for limiting rods side of the table path |

# 12 SAFETY

## 12.1 Intended use

The machine only in technically perfect condition in accordance with, safety and danger, use it! Interference, which could affect safety, must be rectified immediately!

It is generally prohibited to modify safety equipment of the machine or to make ineffective!

**The Combined 5-operation machine K5 260L is exclusively for cutting wood-based materials**

**(solid, particle board, veneer, etc.) determined.**

**For a different or additional use and resulting damage or injury takes HOLZMANN MASCHINEN no responsibility or warranty.**

### 12.1.1 Prohibited use

- The operation of the machine under conditions outside of the limits, given in these instructions is not permitted.
- The operation of the machine without the safety devices provided is inadmissible
- The removal or turning off the protection devices is prohibited
- It is not permitted processing of materials with dimensions outside the limits specified in this manual.
- It is not permitted the use of tools that are not for use with K5 260L are suitable.
- The operation of the machine on a way or for any purpose that does not comply with the instructions of this manual to 100%, is prohibited.
- Do not leave the machine unattended, especially when children are not around. DO NOT LEAVE the workplace!

### 12.1.2 Working conditons

The machine is designed for the work under the following conditions:

| | |
|---|---|
| humidity | max. 70% |
| temperature | +5°C to +40°C<br>+41°F to +104°F |

The machine is not intended for outdoor use.

The machine is not intended for use in potentially hazardous conditions.

## 12.2 General Safety

To avoid malfunctions, damage and physical injury MUST be observed:

- **Safety must be observed and regularly controlled for completeness to lose!**
- **Warning signs and / or labels on the machine that are illegible or removed shall be replaced immediately!**

## ⚠ ATTENTION

**Unauthorized modifications and tampering with the machine immediately invalidate all warranty and compensation claims.**

**Work area and keep soil around the machine clean and free of oil, grease and waste reduction!**

**Provide adequate lighting in the work area of the machine!**

**The machine does not use outdoors!**

**With fatigue, lack of concentration or under the influence of drugs, alcohol, or drugs that work on the machine is prohibited!**

**The climbing on the machine is prohibited!**
**Serious injury from falling or tilting the machine is possible!**

**The K5 260L may be operated only by qualified personnel enrolled. Unauthorized persons, especially children, and people are not trained to think of the current remote machine!**

**If you work on the machine, you do not wear loose jewelry, loose clothing, neckties or long hair out.**
**Loose objects can become entangled in moving / rotating parts and cause injury!**

**When working on the machine suitable protective equipment (gloves, safety glasses, hearing protection, ...) wear!**

**Sanding dust may contain chemical substances that have a negative impact on personal health. Work on the machine only in well-ventilated areas with suitable dust mask to perform!**

**Before maintenance or adjustment, the machine must be disconnected from the power supply! Turn off the main switch before disconnecting the power supply (OFF).**
**Never use the cord for transport or Manipulation of the machine!**

+ **On the device are only few of them serviceable components. It is not necessary to dismantle the machine. Repairs must only be performed by an expert!**
+ **Accessories:**
  **Use only recommended accessories HOLZMANN !**
+ **If you have any questions or problems, contact our customer service.**

## 12.3 Safety devices

In the design of the machine following protective devices are provided:

- Restraint of the gap wedge. This measure is intended to prevent the return of the workpiece, and the setting is in horizontal and vertical direction relative to the saw blade.
- Blade guard:
- The cap is mounted on the gap wedge to avoid contact with the blade.
- The blade unit can be submerged entirely under the workbench. This you have to remove the cover from the gap wedge.
- Device for locking the setting selected in the vertical and horizontal direction and in an inclined position.
- Flanges for fastening tool. They are secured by a key on the shaft to the loosening of the tools to avoid the stop of the machine.
- Nut (left-hand thread!) For mounting on the tool shaft. wells for Adjusting the scorer.
- Rip fence. Is used for precise guiding of the workpiece in the longitudinal cutting. He is also made of destructible material (aluminum).
- The setting of the parallel ruler is possible without the use of tools, and the position is read on a graduated scale.
- Switch. While the belt is changed, with the door open, the engine will not start.
- Electronic brake for electrodynamic braking of the motor. Secures the tool brakes in less than 10 seconds after the drive off.
- Impeccable sharpened tools.
- The use of blunt tools is not permissible due to kickback, overloading the machine and produce poor surface during processing.
- Red wire support. For cutting operation where less than 120mm are cut off, less than 120mm distance right of the blade to the rip fence. Here the wood by hand carry, but with the red wire support.

### 12.3.1 Safety devices on the machine

It is generally prohibited to modify safety equipment of the machine or to make ineffective!
Position of safety devices:




| | |
|---|---|
| 1 | **Planer shaft cover**<br>Prevents when dressing of workpieces to engage the rotating cutterhead. |
| 2 | **safety shutdown**<br>When opening the Abrichttisches a limit switch is activated, interrupts the power supply to the drive unit.<br>Unintentional starting at the folded planer tables is thus prevented. |
| 3 | **EMERGENCY STOP button**<br>In case of danger or in case of failure:<br>- Press the EMERGENCY STOP button<br>- Stop driving unit including feed<br>It was only after the fault and if there is no danger:<br>- Solve-EMERGENCY STOP button by turning it clockwise<br>- Planing machine can be restarted |

## 12.4 Residual risk factors

Also in compliance with all safety regulations and when used following residual risks are considered:

- Risk of injury to the hands / fingers through the circular saw blade during operation.
- Risk of injury from contact with live electrical components.
- Risk of injury or ejection fraction or the circular saw blade circular saw blade parts, especially case of overload and in the wrong direction.
- Hearing, unless arrangements have been made by the user for hearing protection.

- Risk of injury from kickback of the cuttings, the ejection of the cut material or parts of there.
- Risk of injury to the eye by flying debris, even with goggles.
- Risk due to inhalation of toxic dust in chemically treated wood Workpieces.

These risks can be minimized if all safety rules are applied, the machine is properly maintained and serviced the machine as intended and is serviced by a trained service professional. Despite all the safety devices and remains her good common sense and your appropriate technical qualification / training on the operation of a machine such as the sliding table saw K5 260L is the most important safety factor!

# 13 ASSEMBLY

## 13.1 Scope of delivery

The machine is supplied pre-assembled. After receipt of the delivery, if all parts are in order. Report any damage or missing items immediately to your dealer or the shipping company. Visible damage must also be recorded without delay in accordance with the provisions of the warranty on the delivery note, otherwise the goods shall be accepted as properly.

### 13.1.1 Workplace

Choose a suitable place for the machine. Observe the safety requirements of Chapter 2 and the dimensions of the machine from Chapter 1.

The selected location must ensure as well as the possibility for connection to an extraction system a suitable connection to the electrical grid.

Make sure that the floor can support the weight of the machine. The machine must be leveled on all bases simultaneously.

You must also secure around a distance of at least 0.8 m around the machine. Before and behind the machine must be provided the necessary distance for the supply of long workpieces.

### 13.1.2 Transport / unloading the machine

You need a forklift with the necessary capacity.

The forks of the forklift will be led to the machine.

If a crane is in place, operate as follows:

- There are 2 ropes or belts prepared with the necessary capacity and length.
- The ropes are hung on the crane hook, the crane must possess the relevant capacity. The ropes are lifted by crane in preparation. Now the four loops are hooked into the holes provided on the machine.
- The ropes straighten well. If necessary, the crane to move a little vertical and to secure stable lifting. The machine does not tend. Safe tether - eyelet!
- The lifting of the machine must go slowly and without bumping and rocking on.
- After the machine is lifted about 1 m, pause, and fasten the four leveling legs on the body of the machine.
- Remove the rails and stop the machine with the crane on the chosen course.
- Bring about a stable horizontal position with the four leveling legs.

**⚠ WARNING**

**The forks of the forklift must be at least 1200 mm long.**
**Check to see if the eyes are well attached to the body of the machine.**
**The lifting and transportation of the machine must be performed by qualified personnel with the appropriate equipment.**

### 13.1.3 Preparation of the surface

Eliminate the preservative, which is applied for corrosion protection of the parts without painting. This can be done with the usual solvents. Here no nitro solvent or similar means, and in no case use water.

**NOTE**

**The use of paint thinners, gasoline, corrosive chemicals or abrasive cleaners will result in damage to the surface!**
Therefore:
ρ When cleaning, use only mild detergent

**ATTENTION! Never lift the machine work tables!**
- Transport the Combined 5-operation machine on a pallet with truck to the installation place.
- Unlock planning, open and lifting eyes at the marked screw holes (A) Screw.
- Lift machine with lifting of the pallet
- Ensure sufficient capacity!

**⚠ WARNING**

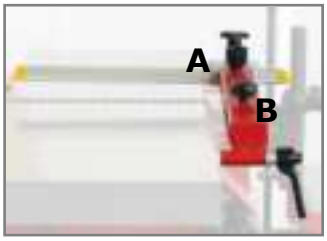
**Improper lifting of heavy loads:**
**Lifting bracket by unqualified personnel can cause serious injuries and damage to the machine!**
Therefore:
ρ Lifting heavy weights only by qualified personnel
ρ When lifting ensure that the path is clear

## 13.2 Assembly

- Set machine on a flat, level surface
- Feet (A) mounted on the base frame
- Align the machine horizontally by adjusting the leveling feet

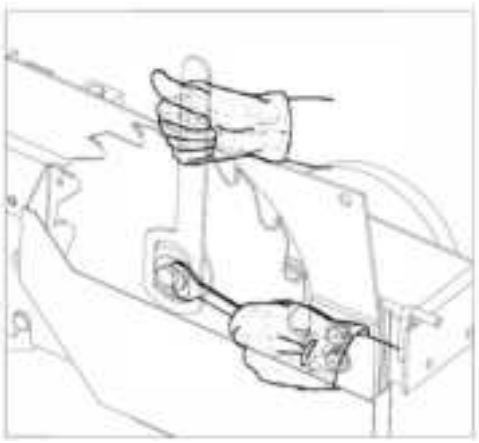

### 13.2.1 Mount planing shafts cover

Planer cover Fit (A) and secure with clamping lever (B)



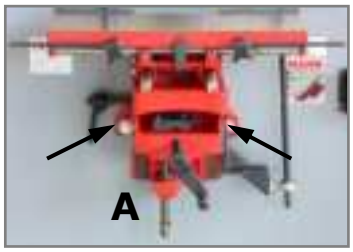

### 13.2.2 Assembly / disassembly of the saw blade

- Loosen the screws of the table insert and remove them.
- Adjust the cutting height to the widest possible by Crank up the saw blade.
- Insert the special key on the flange and turn the screw out of.
- The blade can be removed and a new one inserted. Installation is in the reverse order of removal.



**ATTENTION:** The correct direction of rotation of the saw blade note!

### 13.2.3 Mortiser mount (optional)





The surface and thickness planer can be optionally equipped with a mortising.

- Mortiser (A) to the respective holes of the machine position
- Mortising attach with screws and washers
- Before tightening the angle of the table with the adjusting screw (B) can be adjusted!

### 13.2.4 Mounting the spindle shaper protection

Put spindle shaper protection with clamping screws

## Power supply

| | |
|---|---|
|  | **ATTENTION**<br>**When working with non-grounded machines:**<br>**Severe injury or even death may arise though electrocution!**<br>**Therefore**: The machine must be operated at a grounded power socket |

The connection of the machine to the electric power supply and the following checks have to be carried out by a respectively trained electrician only.

1. The electronic connection of the machine is designated for operation with a grounded power socket!
2. The connector plug may not be manipulated.
3. he mains supply must be secured with 16A:
4. If the connector plug doesn't fit or if it is defect, only qualified electricians may modify or re-new it!
5. The grounding wire should be held in green-yellow.
6. A damaged cable has to be exchanged immediately!
7. Check, whether the feeding voltage and the Hz comply to the required values of the machine. A deviation of feeding voltage of ±5% is allowed (e.g.: a machine with working voltage of 380V can work within a voltage bandwidth of 370 till 400V.
8. Make sure that a possible extension cord is in good condition and suitable for the transmission of power. An undersized cord reduces the transmission of power and heats up.
9. A damaged cable must be replaced immediately

| | | |
|---|---|---|
|  | **NOTICE**<br>**Operation is only allowed with safety switch against stray current (RCD max. stray current of 30mA)** |  |

| | | |
|---|---|---|
|  | **NOTICE**<br>**Use only permitted extension cable with cross-section the one in the following table declared.** |  |

| Voltage | Extension | Cross-section |
|---|---|---|
| **220 V-240 V 50 Hz** | <27 m | 1,5 $mm^2$ |
| | <44 m | 2,5 $mm^2$ |
| | <70 m | 4,0 $mm^2$ |
| | <105 m | 6,0 $mm^2$ |
| **Plug 400V:** | 5-wire: **with** N-conductor  | 4-wire: **without** N-conductor  |

### 13.2.5 Control

After connection to the power grid, it is necessary to check the direction of the saw blade. To do this, start the engine briefly. If the blade rotates in the wrong direction, you have to fix the direction of two cord ends.

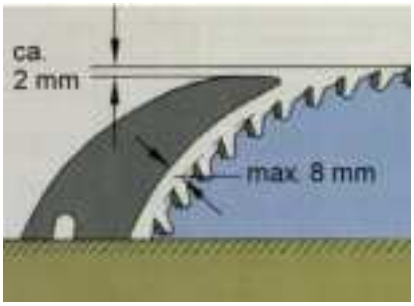
## 13.3 Prior to the commissioning

- Before any adjustments, the machine must be disconnected from the power supply to avoid the risk of accidental switching on the machine!
- Check that the set speed for the saw blade used is not too high.
- Span only saw blades with a diameter of max. 254 mm.

### 13.3.1 Setting the riving knife

The riving knife is adjusted according to the size of the saw blade.

- by removing the appropriate screws and align the riving knife as specified by a.
- gap wedge distance from the circular saw blade set as low as possible. Distance of less than 8 mm
- riving knife set approximately 2 mm below the highest saw-tooth.
- After setting to the correct distance you pull the screws firmly.




# 14 OPERATION

## 14.1 Notes on Operation

- Set the protective cover of the circular saw blade.
- Run the workpiece evenly without flare-ups and without take it back to the end of cutting to.
- Set the circular saw blade so high that the ring gear is really reliably covered by the protective cover (distance between the protective cover and the workpiece - max 5 mm.

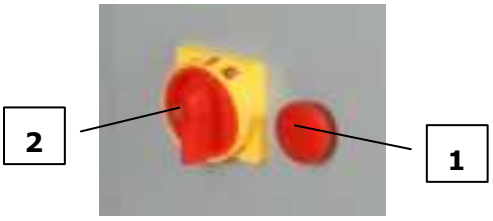
- Perform the adjustment of the saw blade height and tilt only with the machine switched off.
- Work only with well- honed tools.
- use the push rod at the end of cutting when the distance between the circular saw blade and the parallel ruler is less than 120 mm.
- Make sure that the machine is working without vibrations.
- Cracked and deformed circular saw blades can not be repaired. You must be immediately discarded as scrap and are replaced by ordinary.
- For repair and maintenance of circular saw blades with soldered louvers (eg soldering new cutting blades ) the construction of the circular saw blades (tooth shape, tooth width) must not be changed . The circular saw blades with soldered louvers can be grinding up to minimum dimensions of the lamella of 1 mm.
- After the circular saw blade must be removed from service.
- Select the number of teeth of the circular saw blade such that at least 2-3 teeth working simultaneously). If only one tooth works , a poor work surface reveals the danger the vibration and noise exposure increases before setback increase.

## 14.2 operation

Check the combined 5-operation machine before starting work:
- General technical condition of the machine
- Safety devices in place and in order
- Check-diameter of the cutter shaft for wear and replace if necessary

### 14.2.1 Machine switch ON – OFF

Switch machine with the main switch (2) to "**I**"




**EMERGENCY STOP Button:**

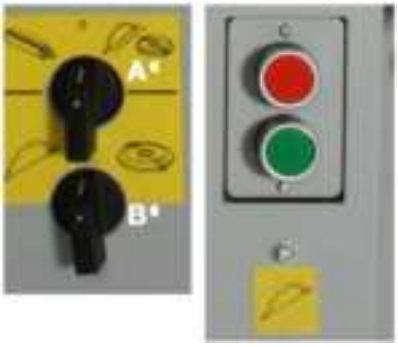
Pressing the EMERGENCY STOP switch (1) the machine stops immediately. To pull out the turn to the right and tighten slightly.

## 14.3 Saw

Check the combined 5-operation machine before starting work:

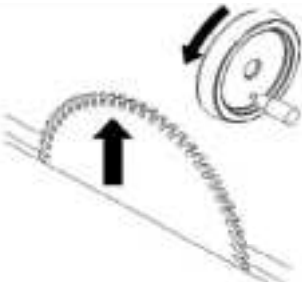
- The upper selector switch (A) to the right turn on sawing / milling
- Disconnect the lower selector switch (B) to the left on saws

- Start with the start button-green-machine
- Stopping Stop button-red-machine



### 14.3.1 Saw blade height adjustment

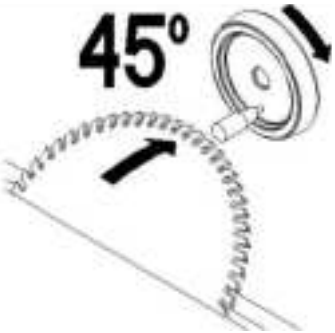
To adjust the height of the material of the blade, turn the handwheel counterclockwise around the saw blade upward lift. Turn clockwise to lower the blade.



**ATTENTION:** Perform the adjustment of the saw blade height and tilt by only with the machine switched off.

### 14.3.2 Adjustment of the saw blade tilt

The handwheel is at the side for adjusting the blade angle from 0° - 45°

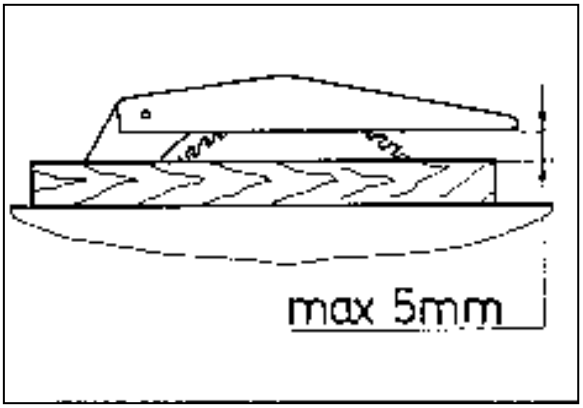



### 14.3.3 Notes on using the circular saw

**Cross-cutting of workpieces made of solid wood**

When performing this operation, the following equipment shall be used for safe working:

- The table extension
- the miter gauge
- the guard of the saw blade
- the riving knife
- the hold-down
- the insert in the table



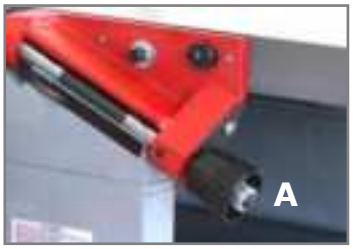

**Cutting boards**

When performing this operation, the following equipment shall be used for safe working:

- The table extension
- the miter fence with support for the workpiece
- the guard of the saw blade
- the riving knife
- the hold-down
- the insert in the table

## 14.4 Planer

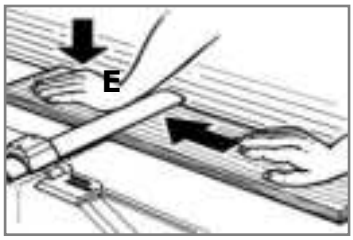
Set Planer thickness on both sides of the adjusting screws (A)



- Disconnect the upper selector switch (A) to the left on Planing
- Start with the start button -green- machine
- Stopping Stop button -red- machine

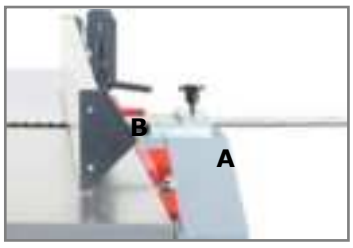

### **14.4.1** Information for Planer

Setting the plane shaft cover (E) so that between the cover and the workpiece remains about 5 mm distance

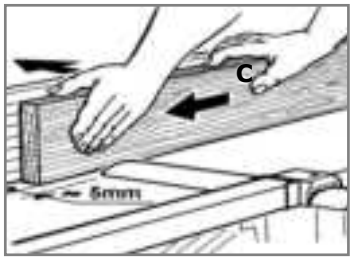



- Press the workpiece with one hand against the jointer.
- Push the workpiece with the second hand slowly and evenly over the planer.
- Switch off after crimp Planer with Stop Button
- Before other activities to wait until planer stands still!

### **14.4.2** Planing or narrow workpieces

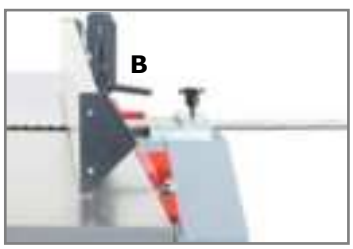



- When planing narrow workpieces using the angle stop!
- Angle stop thread in mounting and fixing screw (A) attach
- Angle fixation (B) and remove the swivel angle stop at 90 °.
- Screw position angle fixation

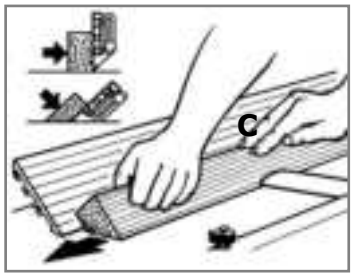



- Planer shaft cover (C) Lower so that the planer is covered
- Move apron planer shaft cover to the workpiece and secure it with a distance of about 5 mm
- Hang up when dressing the part with the narrow side on the jointer and press with one hand against the fence angle and jointer
- Push the workpiece with the second hand slowly and evenly over the planer

### **14.4.3** Planing with a tilted angle stop

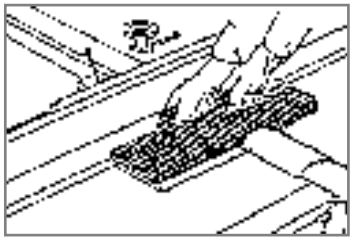



- Loosen angle fixation (B)
- Place the workpiece and press against jointer and angle stop
- The relaxed angle stop aligns the workpiece
- Fix position of the aligned angle stop



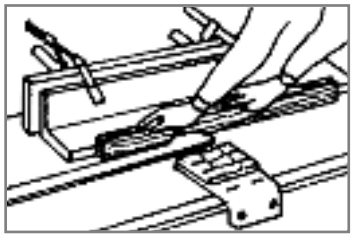

- Planer shaft cover (C) lower so that the planer is covered
- Move apron planer shaft cover to the workpiece and secure it with a distance of about 5 mm
- Hang up when dressing the workpiece at the jointer and press with a hand against the stop bracket and jointer
- Push the workpiece with the second hand slowly and evenly over the planer

### **14.4.4** Planing short workpieces



- When dressing of short workpieces, a push stick or similar is to use!
- Adjust the angle stop and planing shaft cover on the size of the sliding Stocks
- Place the workpiece and push with push stick slowly and evenly over the planer

### **14.4.5** Planing of workpieces with a small cross-section



- When planing work pieces with small cross-section, of additional wood bracket is screwed!
- Or attach wood similar angle as shown with pliers at the angle stop
- Hang up When dressing the work piece at the jointer and press against the additional angle and wood jointe
- Push the work piece slowly and evenly over the planner

## 14.5 Thicknesser

For thicknessing workpieces conversion work on the planer are necessary.

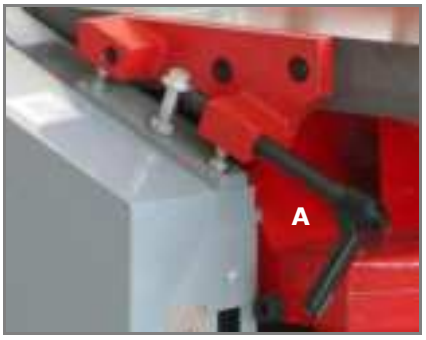
### 14.5.1 **Conversion work for thicknessing**

**⚠ WARNING**

**Conversion work with connected machine:**

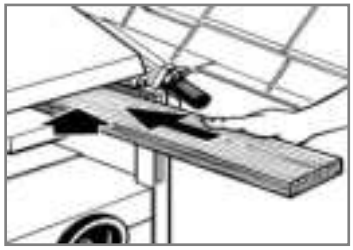
**Serious injury due to unintentional or automatic activation of the machine!**
Therefore:
ρ off before remodeling machine with stop button and the Separate voltage supply

- Off Planer with Stop button and disconnect from the power supply
- Removing the angle stop and swing plane shaft cover up in top position
- Remove the hose of dust extraction




- Unlock the cam-lock (A)
- Open planer as shown
- Dust box by 180 ° pivot upward
- Install dust extraction hose again
- Adjust the table fixation (A) and loosen desired height of the thicknessing table with handwheel (B)
  + Current table height is shown on the scale (C)
  + Adjust the table height on the workpiece thickness minus the desired depth of cut
  + Maximum depth of cut = 5 mm!
- Fix height with table clamp (A)


- Start with the start button-green-machine
-
- Stopping Stop button-red-machine

- Insert the workpiece so that the work surface is facing up and push forward
- The workpiece is pulled through the automatic feed
- Once half of the workpiece has been processed go to the opposite operating side of the machine

## ⚠ ATTENTION

**Thicknessing long workpieces without support bracket:**

**Property damage and injury by shooting up the workpiece or the machine overturn possible!**

Therefore:

ρ long, overhanging workpieces must be supported

- If the workpiece is no longer moved by the automatic feed, pull the workpiece manually.
- Off after crimp machine with stop button and lever for feed (D) to position "OFF".

+ Before other activities to wait until planer stands still!
+ For dressing, the machine must be dismantled mutatis mutandis wrong

## 14.6 Milling

### 14.6.1 Changing the milling head

- Switch off the machine
- Secure the end cap with a 22mm Allen key
  Use an Allen wrench to remove the screw from the spindle 8mm remove.
- Remove the cutting head and replace these by the appropriate.
- Set a distance from the table top from at least 2mm clearance.
- Install the milling tools as low as possible.
- Select to match the height of the milling tool, so that it at least 2mm
- is over the spindle top. Insert the end cap (E).
- Now screw in the allen screw and tighten it firmly on the spindle.

3. **Mount spindle shapper protection as in 13.2.4**
4. **Spindle height as set in 14.6.2**

Check immediately after mounting the free run of the mill.

**NOTES**

- Beware material setback! To minimize the danger of material setback, they put the hold-down on Workpiece height + max. 2mm one.
- Set spindle shapper protection on the workpiece width + max 5mm one.
- Run the workpiece to be slow and constant.
- You never Milling (except for some special cases, but they require the experience of the user) to the direction of rotation of the milling cutter.

### 14.6.2 Setting of the milling spindle height


**ATTENTION:** Perform the setting of the milling spindle height by only with the machine switched off.

By clockwise rotation, the spindle moves down. Turn counterclock-wise to top.

The set height can be fixed by the clamping screw (A).

## 14.7 Working with the mortiser (optional)

Setting the plan shaft cover so that the cutter shaft is completely covered.


Clamp Required milling tool with chuck (A) of the planer

- Place the workpiece on Langlochbohrtisch
- Workpiece clamping device (B) pivot rests to clamping foot in the center of the workpiece
- Clamp the workpiece by pivoting the lever

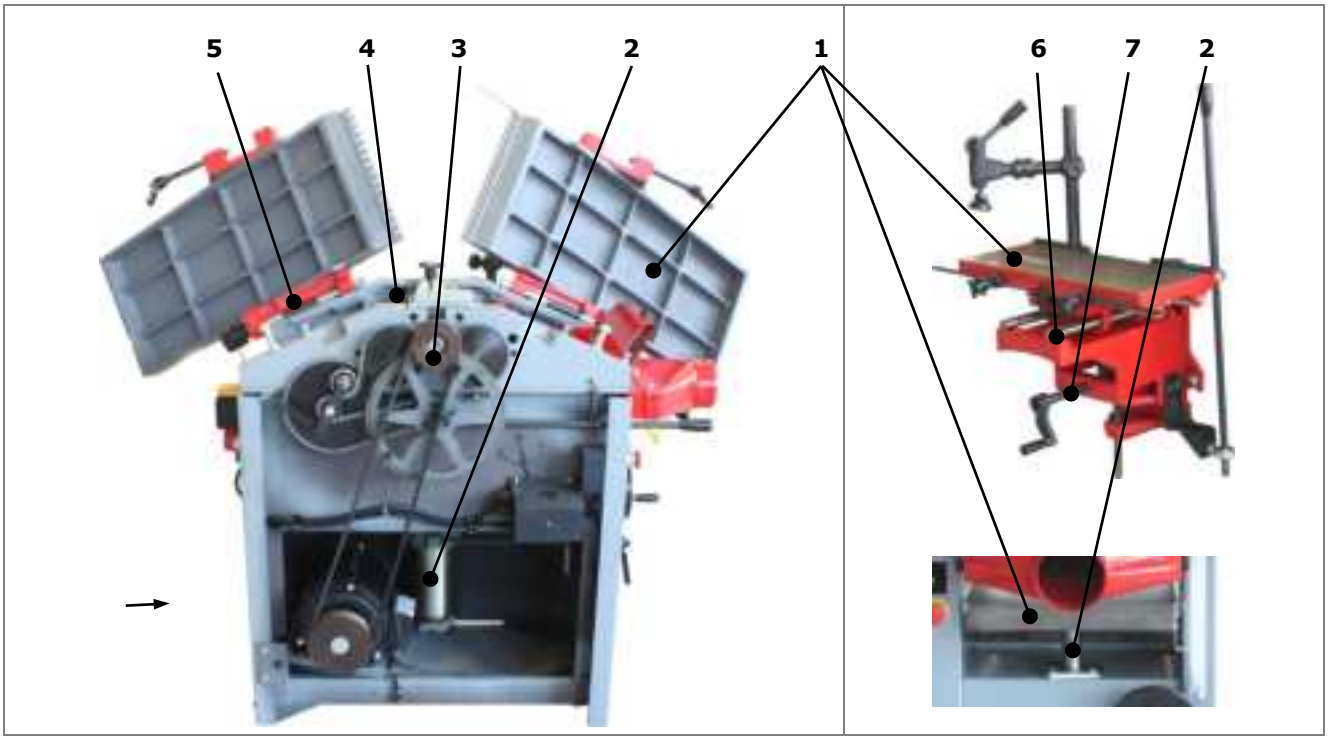

- Adjust table height handwheel (C) so that the cutting tool is positioned at the desired height on the workpiece
- Lateral travel of the long hole drilling table with the two stop rods (D) adjust
- Switch the machine on the start button on the main switch
- Move Langlochbohrtisch with control lever (E) to the left stop
- Slowly press down on the cutting tool and workpiece up to the max. Penetration depth of cut (depending on the milling tool)
- Slowly swing control lever to the right and proceed to the stop
- Repeat the process until the desired depth of cut is reached
- Pull control lever back and move as workpiece from the cutting tool away

# 15 MAINTENANCE

## 15.1 Monthly maintenance

The interval of this maintenance depends on the mode of operation, however, should be performed at least once a month:

- Unlock the cam-locks and open planer
- Removing the Side cover

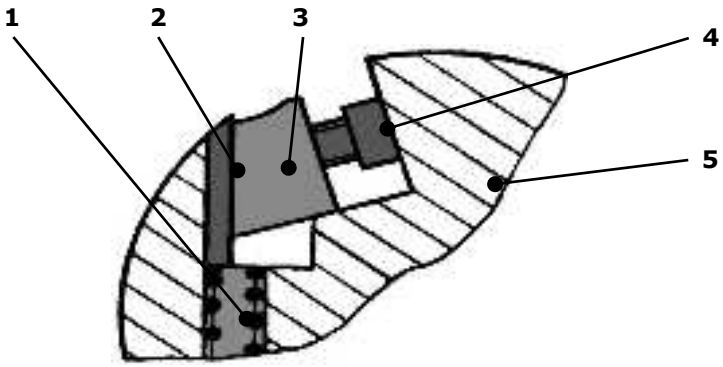



| Nr | Components | activity |
|---|---|---|
| | **whole machine** | ρ General cleaning of housing and housing interior |
| 1 | **Planer thicknesser table**<br>**Long hole drilling table** | ρ Thorough cleaning of the surface<br>ρ Treat bearing surface with glide wax |
| 2 | **adjusting the Thicknesser table** | ρ Clean and lubricate sliding surfaces of the adjusting thoroughly |
| 3 | **Drive unit** | ρ Lubricate the drive chain and sprockets<br>ρ Check the voltage of the chain tensioner<br>ρ Check tension of drive belts and tighten if necessary |
| 4 | **Infeed and outfeed roller** | ρ Clean the rollers of chips remains |
| 5 | **table bearing** | ρ Clean and lubricate the pivot bearings of the planer thoroughly |
| 6 | **sliding surfaces of the Mortiser** | ρ Clean and lubricate all sliding surfaces (workpiece clamps, guide shafts, ..) thoroughly |
| 7 | **Height adjustment of the long hole drilling table** | ρ Lubricate the hand crank and spindle height adjustment |

### 15.1.1 Change diameter of the cutter shaft

**⚠ WARNING**

**Work on planer and planer knives without protective equipment:**
**Injuries to the hands by sharp cutting edges!**
Therefore:
ρ Bei Arbeiten an der Hobelwelle unbedingt Schutzhandschuhe tragen




| | |
|---|---|
| **1** | pressure spring |
| **2** | planer knives |
| **3** | pressure wedge |
| **4** | fixing screw |
| **5** | Cutter block |

- Eccentric lock unlock and open as shown planer.
- Fixing screws (4) loosen.
- Planing blade (2) is automatically pushed out by the pressure spring (1). Planer blades (2) and pressure wedge (3) completely dismantled.
- Clean the cutter shaft and all growing parts thoroughly.
- Insert new planer blades with pressure wedge.
- Press planer blades down and screw with locking screws.
- Planer blades must not protrude more than 1.1 mm! Recommendation: clearance on 0.7 - Setting 0.8 mm.
- Do not use a planer knives with a height of less than 17 mm due to the low surface tension!

### 15.1.2 Saw blade change see 13.2.2

**⚠ ATTENTION**

**Don't clean or do maintenance on the machine while it is still connected to the power supply:**
**Damages to machine and injuries might occur due to unintended switching on of the machine!**
**Therefore: Switch the machine off and disconnect it from the power supply before any maintenance works or cleaning is carried out**

The machine is low maintenance and contains little parts that must undergo a maintenance operator.

Faults or defects that may affect the safety of the machine, must be rectified immediately.

Repair work may only be performed by qualified personnel!

The complete and utter cleaning ensures a long life for the machine and represents a safety requirement.

After each shift the machine and all its parts must be thoroughly cleaned by the dust and swarf sucked through the suction system and all other waste is disposed of by compressed air.

Check regularly that all warning and safety instructions on the machine and available in a perfectly legible condition.

Check before every use the perfect condition of the safety devices.

For storage of this machine may not be stored in a humid room and must be protected from the influence of weather conditions.

+ **The elimination of defects does your dealer**
+ **Repair work may only be performed by qualified personnel!**

## 15.2 Cleaning

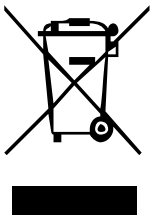
**NOTE**

**The use of solvents, harsh chemicals or abrasive cleaners leads to damage to the machine!**

**Therfore:** When cleaning water and mild detergent if necessary use.

Bare surfaces of the machine against corrosion impregnate ( with anti-rust WD40 )

## 15.3 Disposal



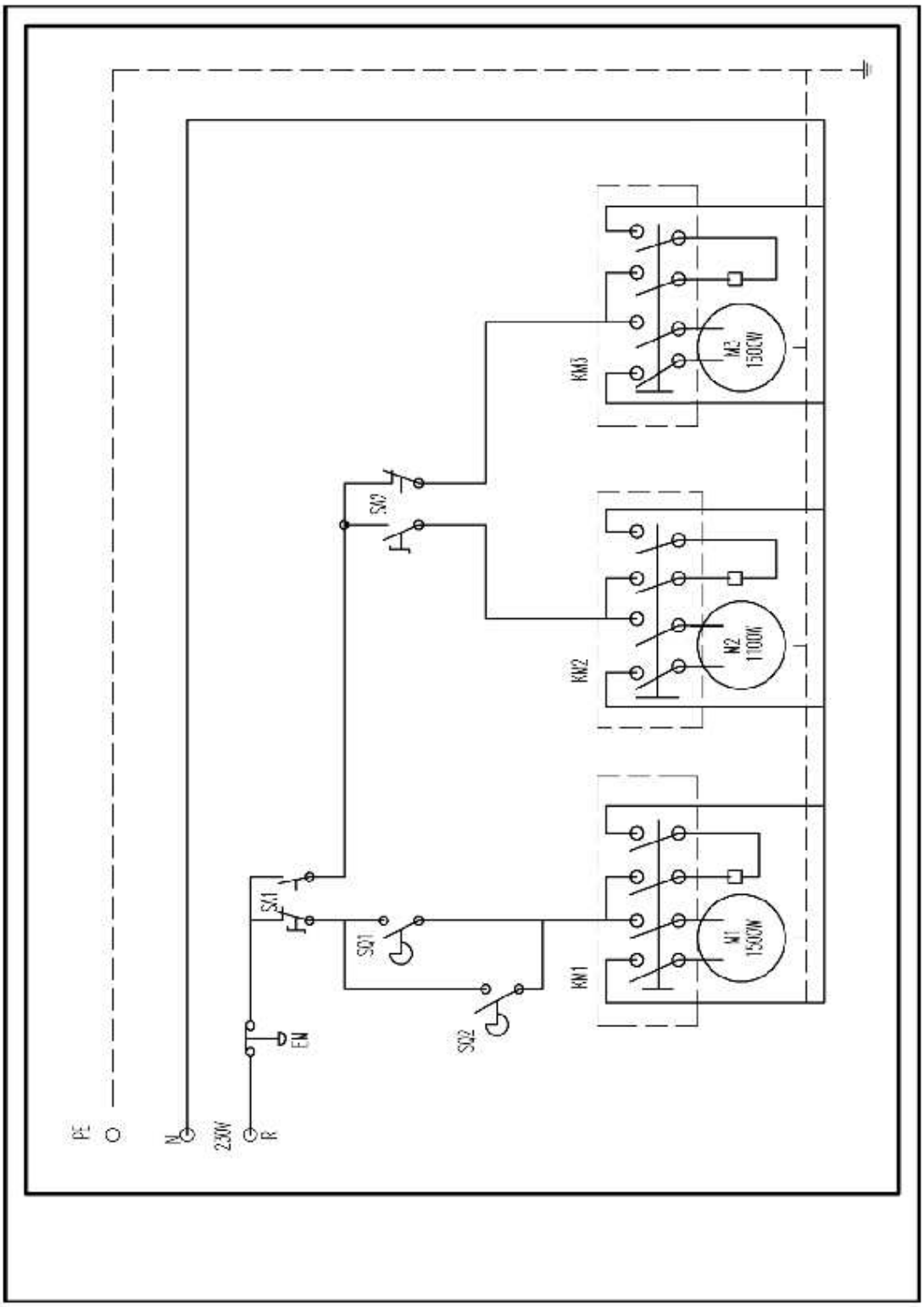
Do not dispose the machine in residual waste. Contact your local authorities for information regarding the available disposal options. When you buy at your local dealer for a replacement unit, the latter is obliged to exchange your old.

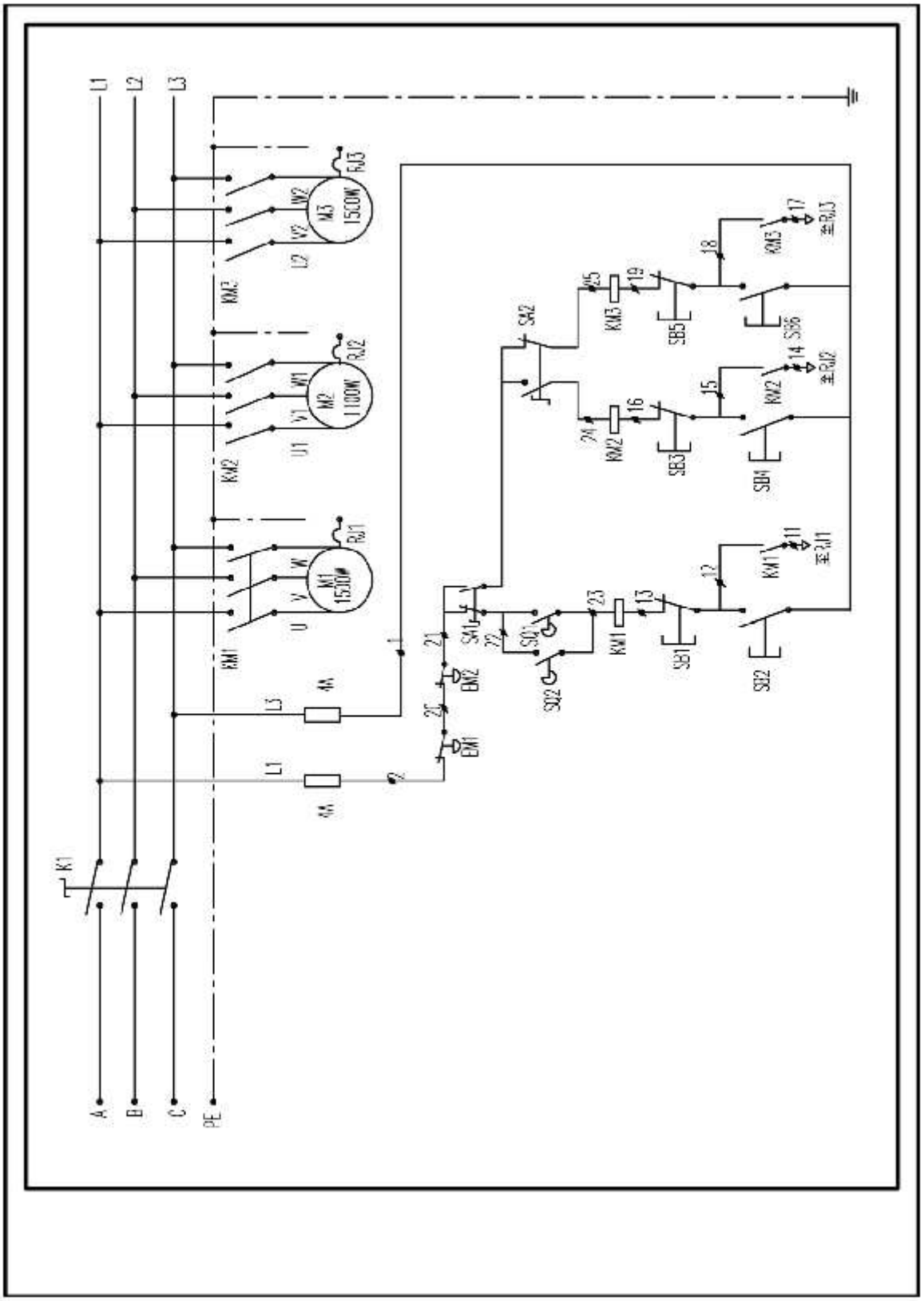
# 16 TROUBLESHOOTING

**Disconnect the machine from the power supply prior to any checks performed at the machine itself !** 

| Trouble | Possible cause | Solution |
|---|---|---|
| **Machine does not start** | • Emergency stop switch to switch off<br>• switch or a phase is broken<br>• Overload protection is triggered.<br>• Safety fuse is blown<br>• Cover plate with saw blades open | • Turn the emergency OFF switch to the right to unlock to<br>• Repair the defective circuit or the faulty phase<br>• Wait until the engine cools down<br>• Replace the fuse<br>• Cover plate close |
| **Machine stops during operation** | • diameter of the cutter shaft butt<br>• Working with excessive feed rate<br>• Motor protection switch has tripped | • Check diameter of the cutter shaft<br>• Continue to operate with lower feed<br>• Wait until motor has cooled |
| **The machine vibrates during operation** | • Diameter of the cutter shaft set incorrectly<br>• Ground uneven or leveling feet not adjusted | • Check whether the knife planer have the same height<br>• Imperfections by adjusting the leveling feet |
| **Burn marks on the workpiece** | • The blade is blunt | • Replace the blade |
| **Workpiece clamped in advancing** | • stump saw blade<br>• riving knife thickness does not match the used | • Replace with sharp blade<br>• Riving knife thickness must be equal to or greater than the saw blade thickness be |
| **Unsatisfactory surface after machining** | • Diameter of the cutter shaft butt<br>• Uneven feed of the workpiece | • Check diameter of the cutter shaft<br>• Perform work smoothly and at a constant pressure |
| **Rough surface after machining** | • Workpiece to be moist | • Dry workpiece or use dry material |
| **Chapped surface after machining** | • Workpiece has been processed against the direction of growth<br>• If too large chip removal | • Machining the workpiece in the opposite direction<br>• Reduce infeed and edit workpiece several times |

# 17 EELEKTRISCHE SCHALTUNGEN / WIRING DIAGRAM




L1
L2
L3
PE
A
B
C
K1
M1
1500W
M2
1100W
M3
1500W
KM1
KM2
KM3
FU1
FU2
FU3
SA1
SA2
SB1
SB2
SB3
SB4
SB5
SB6
SQ1
SQ2
EM1
EM2
至FU1
至FU2
至FU3

# 18 ERSATZTEILE / SPARE PARTS

## 18.1 Ersatzteilbestellung / spare parts order

Mit Holzmann-Ersatzteilen verwenden Sie Ersatzteile, die ideal aufeinander abgestimmt sind. Die optimale Passgenauigkeit der Teile verkürzen die Einbauzeiten und erhalten die Lebensdauer.

**HINWEIS**

**Der Einbau von anderen als Originalersatzteilen führt zum Verlust der Garantie!**
Daher gilt: Beim Tausch von Komponenten/Teilen nur Originalersatzteile verwenden

Beim Bestellen von Ersatzteilen verwenden Sie bitte das Serviceformular, dass Sie am Ende dieser Anleitung finden. Geben Sie stets Maschinetype, Ersatzteilnummer sowie Bezeichnung an. Um Missverständnissen vorzubeugen, empfehlen wir mit der Ersatzteilbestellung eine Kopie der Ersatzteilzeichnung beizulegen, auf der die benötigten Ersatzteile eindeutig markiert sind.

Bestelladresse sehen Sie unter Kundendienstadressen im Vorwort dieser Dokumentation.

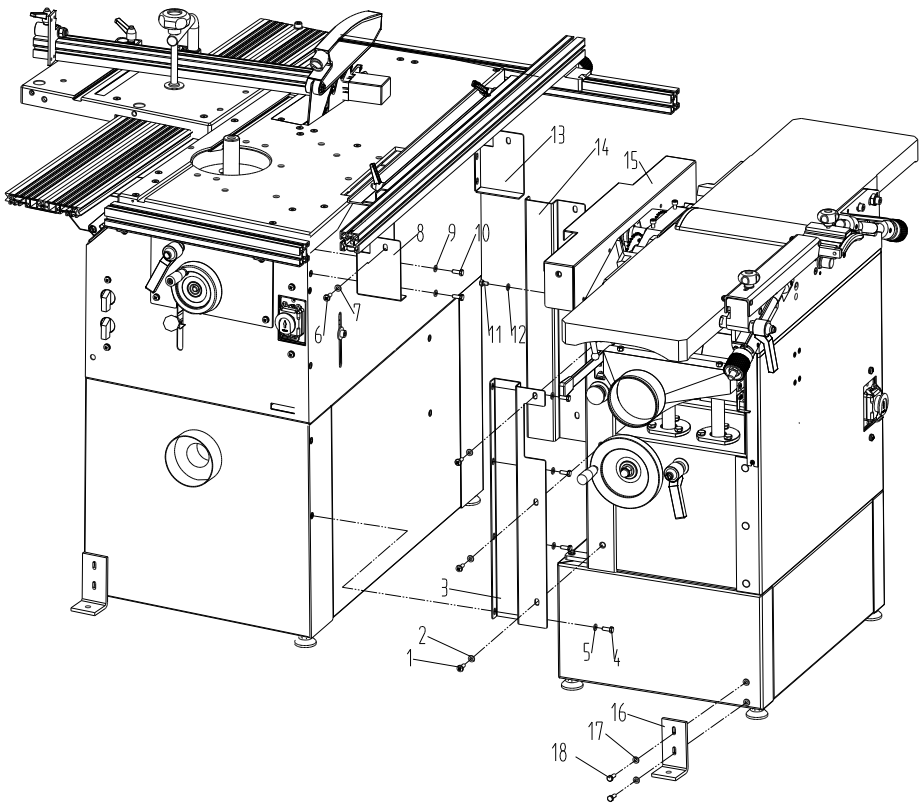
With original Holzmann spare parts you use parts that are attuned to each other shorten the installation time and elongate your machines lifespan.

**IMPORTANT**

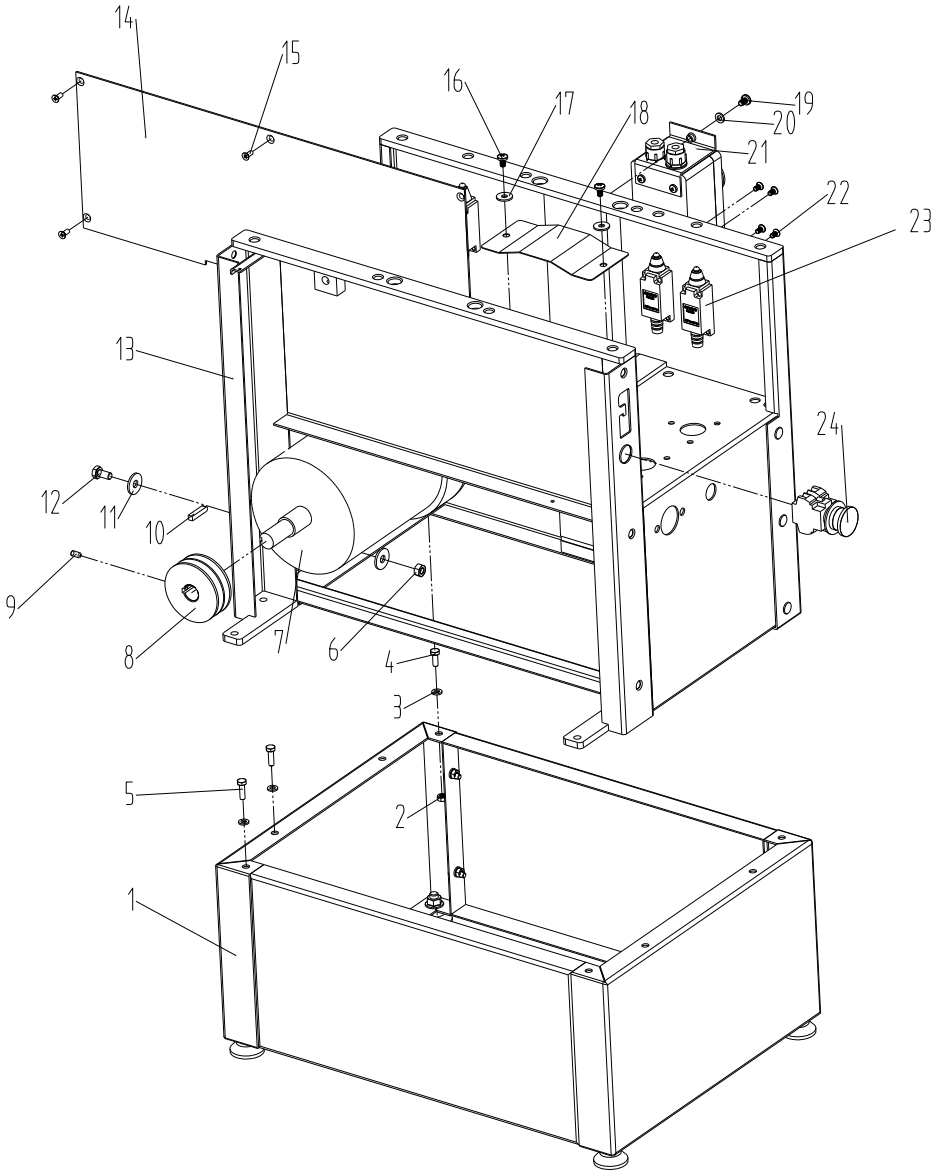
**The installation of other than original spare parts voids the warranty!**
So you always have to use original spare parts

By the order of spare parts use the service formular that you can find at the end of this manual. Make always a note of the type, spare part number and a definition of the machine. That there are no mistakes, we recommend to make a copy of the spare part list where you can mark with a pen the spare parts which you order.

You find the order address in the preface of this operation manual.

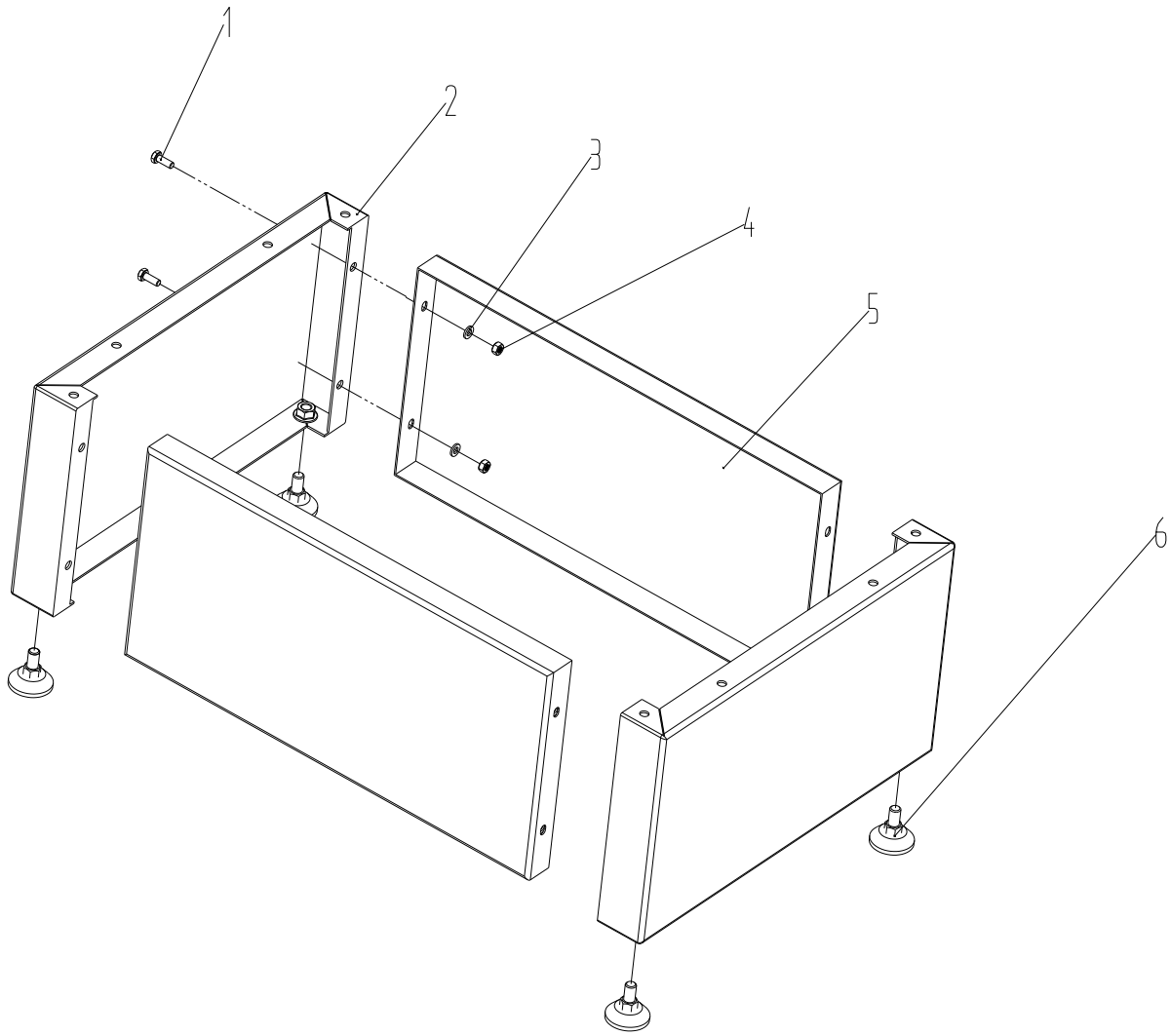



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | GB818-85 | Screw M6X16 | 6 | 2 | GB97.1-85 | Washer ϕ 6 | 6 |
| 3 | C02 | Long join plate | 1 | 4 | GB5783-86 | Hex bolt M6X16 | 8 |
| 5 | GB97.1-85 | Washer ϕ 6 | 8 | 6 | GB818-85 | Screw M6X16 | 2 |
| 7 | GB97.1-85 | Washer ϕ 6 | 2 | 8 | C04 | Short join plate | 1 |
| 9 | GB97.1-85 | Washer ϕ 6 | 4 | 10 | GB5783-86 | Hex bolt M6X16 | 4 |
| 11 | GB5783-86 | Hex bolt M6X10 | 4 | 12 | GB97.1-85 | Washer ϕ 6 | 4 |
| 13 | C03 | Short join plate | 1 | 14 | C01 | Long join plate | 1 |
| 15 | C05 | Join table | 1 | 16 | C06 | right-angle | 4 |
| 17 | GB97.1-85 | Washer ϕ 6 | 8 | 18 | GB5783-86 | Hex bolt M6X16 | 8 |

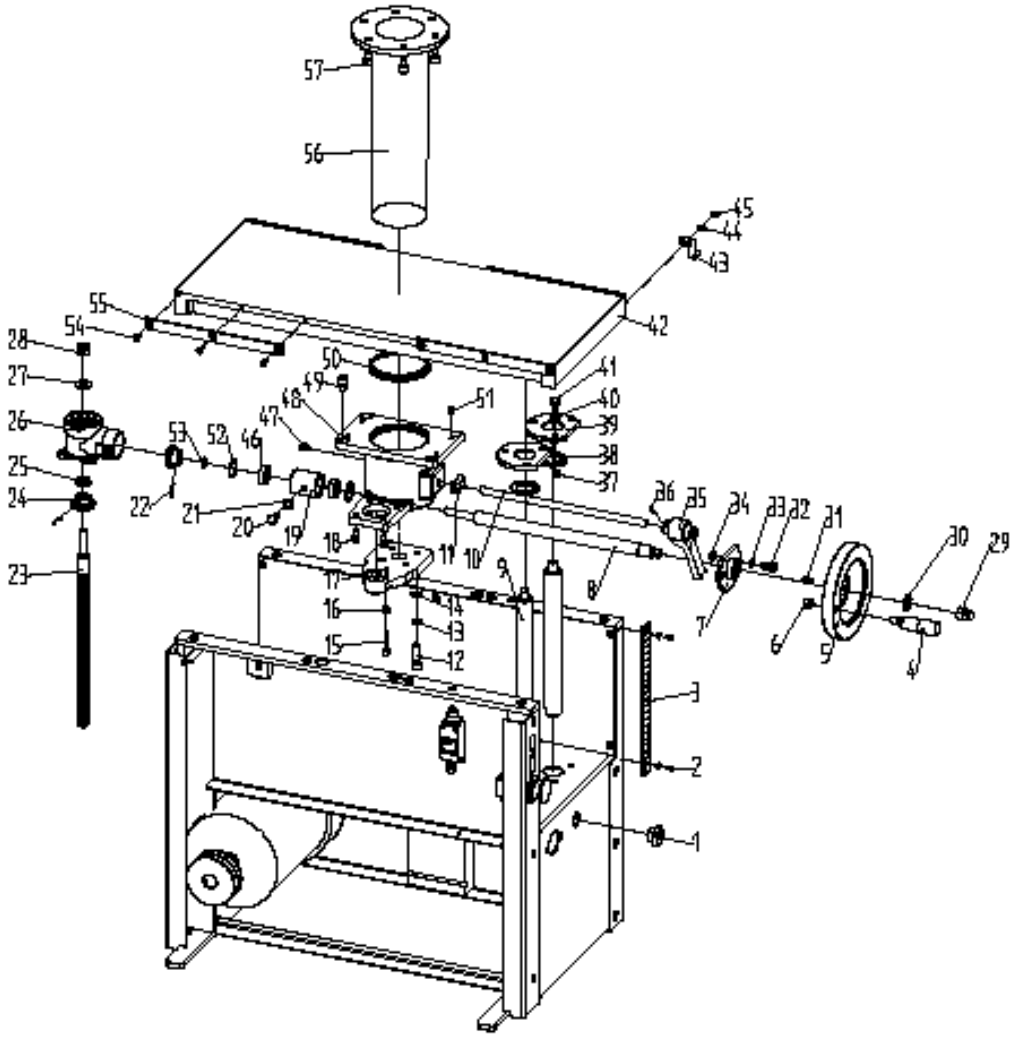



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M06-2 | Lower stand | 1 | 2 | GB6170-86 | Hex nut M6 | 6 |
| 3 | GB97.1-85 | Washer ϕ 6 | 6 | 4 | GB5783-86 | Hex bolt M6X16 | 2 |
| 5 | GB5783-86 | Hex bolt M6X20 | 4 | 6 | GB6170-86 | Hex nut M8 | 4 |
| 7 | M0607 | Motor | 1 | 8 | M0606 | Motor pulley | 1 |
| 9 | GB80-85 | SetscrewM6X12 | 1 | 10 | GB1096-79 | Key 6X25 | 1 |
| 11 | GB97.1-85 | Washer ϕ 8 | 8 | 12 | GB5783-86 | Hex bolt M8X16 | 4 |
| 13 | M0603 | Stand assembly | 1 | 14 | M0609 | Right plate | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 15 | GB819-85 | Screw M5X10 | 5 | 16 | GB818-85 | Screw M6X10 | 4 |
| 17 | GB97.1-85 | Washer ϕ 6 | 4 | 18 | M0602 | Cover board | 2 |
| 19 | GB818-85 | Screw M6X10 | 2 | 20 | GB97.1-85 | Washer ϕ 6 | 2 |
| 21 | KJD18 | Switch | 1 | 22 | GB819-85 | Screw M5X10 | 8 |
| 23 | WDKG | Interlocking switch | 3 | 24 | JTKG | Emergency switch | 1 |

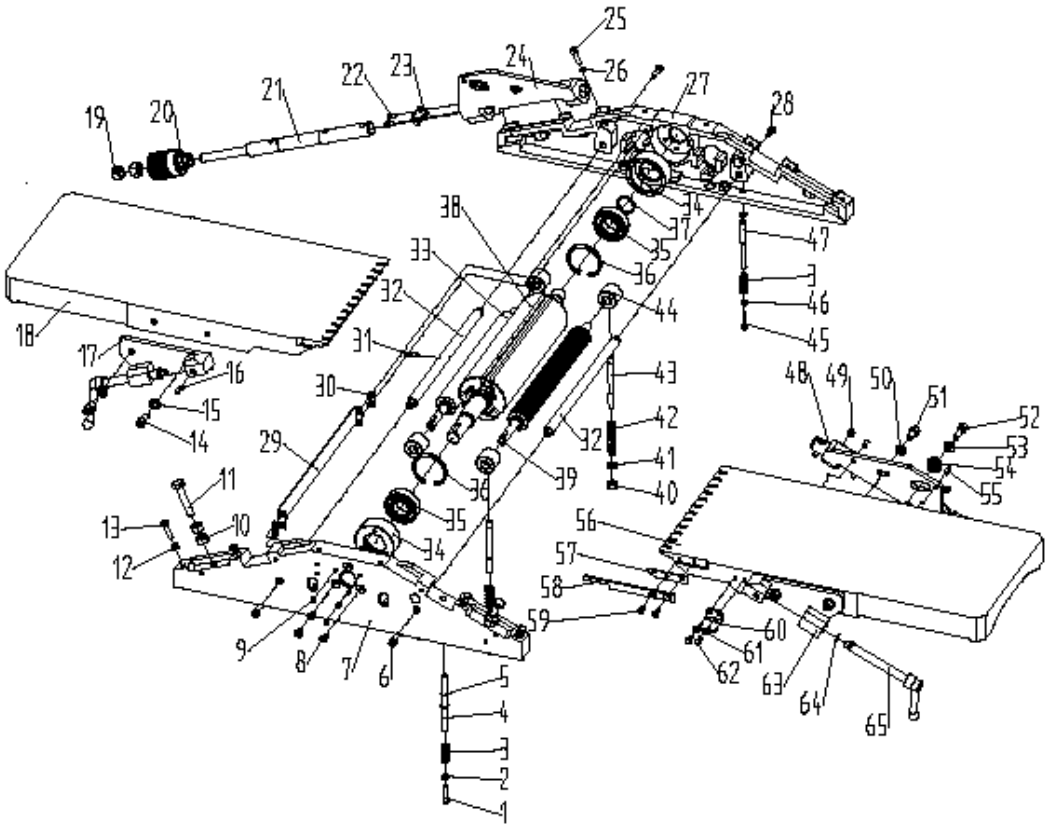



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | GB5783-86 | Hex bolt M6X16 | 8 | 2 | M0610 | Lower leg | 2 |
| 3 | GB97.1-85 | Washer ϕ 6 | 8 | 4 | GB6170-86 | Hex nut M6 | 8 |
| 5 | M0611 | Cover board | 2 | 6 | M0613 | Underprop | 4 |
| | | | | | | | |



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M0716 | Nylon bush | 1 | 2 | GB818-85 | Screw M4X6 | 2 |
| 3 | M12 | Depth scale | 1 | 4 | M0715-1 | Handle | 1 |
| 5 | M0715-2 | Hand wheel | 1 | 6 | GB6170-86 | Hex nut M8 | 1 |
| 7 | M0710 | Plate | 1 | 8 | M0713 | Shaft | 1 |
| 9 | M0703 | Adjusting bar | 2 | 10 | M0711.1 | Locking bar | 1 |
| 11 | M0718 | Locking block | 1 | 12 | GB70-85 | Socket cap screw M8X30 | 4 |
| 13 | GB93-87 | Spring washer ϕ8 | 4 | 14 | GB97.1-85 | Washer ϕ8 | 4 |
| 15 | GB70-85 | Socket cap screw M6X30 | 1 | 16 | GB6170-86 | Hex nut M6 | 1 |
| 17 | M0712 | Plate | 1 | 18 | GB70-85 | Socket cap | 4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | screw M6X12 | |
| 19 | M0719 | Bearing bush | 1 | 20 | GB5783-86 | Hex bolt M8X12 | 1 |
| 21 | GB97.1-85 | Washer ϕ 8 | 1 | 22 | GB879-86 | Spring pin 3X20 | 2 |
| 23 | M0714 | Guide screw | 1 | 24 | K1008 | Cone gear | 2 |
| 25 | M0720 | Bush | 1 | 26 | M0717 | Gear box | 1 |
| 27 | GZZC | Flat bearing | 1 | 28 | ZSM10 | Locknut M10 | 1 |
| 29 | GB923-88 | Domed cap nut M12 | 1 | 30 | GB97.1-85 | Washer ϕ 12 | 1 |
| 31 | GB1096-79 | Key 5X15 | 1 | 32 | GB5783-86 | Hex bolt M6X16 | 2 |
| 33 | GB97.1-85 | Washer ϕ 6 | 2 | 34 | GB6170-86 | Hex nut M6 | 2 |
| 35 | M0711 | Locking handle | 1 | 36 | GB879-86 | Spring pin 3X20 | 1 |
| 37 | GB6170-86 | Hex nut M6 | 6 | 38 | M0701 | Washer | 2 |
| 39 | M0702 | Plate | 2 | 40 | GB97.1-85 | Washer ϕ 6 | 6 |
| 41 | GB5783-86 | Hex bolt M6X16 | 6 | 42 | M0705 | Thicknesser table | 1 |
| 43 | M0706 | Lifting pointer | 1 | 44 | GB97.1-85 | Washer ϕ 4 | 3 |
| 45 | GB818-85 | Screw M4X6 | 3 | 46 | GB/T276-94 | Bearing 6000 | 2 |
| 47 | YZYB | Grease cup M8X1 | 1 | 48 | M0709 | Lifting tube bracket | 1 |
| 49 | GB70-85 | Socket cap screw M8X12 | 4 | 50 | M0708 | Seal | 1 |
| 51 | GB77-85 | Set screw M6X10 | 4 | 52 | GB893.1-86 | “C”ring ϕ 26 | 4 |
| 53 | M0721 | Space bush | 1 | 54 | GB819-85 | Screw M4X12 | 1<br>2 |
| 55 | M0707 | Limited bar | 4 | 56 | GB70-85 | Socket cap screw M8X12 | 6 |
| 57 | M0704 | Lifting tube | 1 | | | | |



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | GB5783-86 | Hex bolt M5X25 | 1 | 2 | GB6170-86 | Hex nut M5 | 1 |
| 3 | M081213 | Spring | 2 | 4 | M081205-1 | Limited pole | 1 |
| 5 | GB896-86 | “E” ring ϕ 6 | 3 | 6 | GB70-85 | Socket cap screw M6X20 | 3 |
| 7 | M081202 | Left bracket | 1 | 8 | NCM | Socket counter-sunk screw M6X10 | 6 |
| 9 | GB77-85 | Set screw M6X5 | 6 | 10 | GB6170-86 | Hex nut M10 | 4 |
| 11 | GB5783-86 | Hex bolt M10X50 | 2 | 12 | GB6170-86 | Hex nut M6 | 4 |
| 13 | GB5783-86 | Hex bolt M6X25 | 4 | 14 | GB70-85 | Socket cap screw M8X16 | 4 |
| 15 | GB97.1-85 | Washer ϕ 8 | 4 | 16 | GB119-86 | Pin 6X16 | 2 |
| 17 | M1102 | Locking block | 1 | 18 | M1101 | Outfeed table | 1 |
| 19 | GB6170-86 | Hex nut M12 | 4 | 20 | M1011 | Adjusting wheel | 2 |
| 21 | M1006 | Adjusting axle | 2 | 22 | GB5783- | Hex bolt M5X10 | 4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
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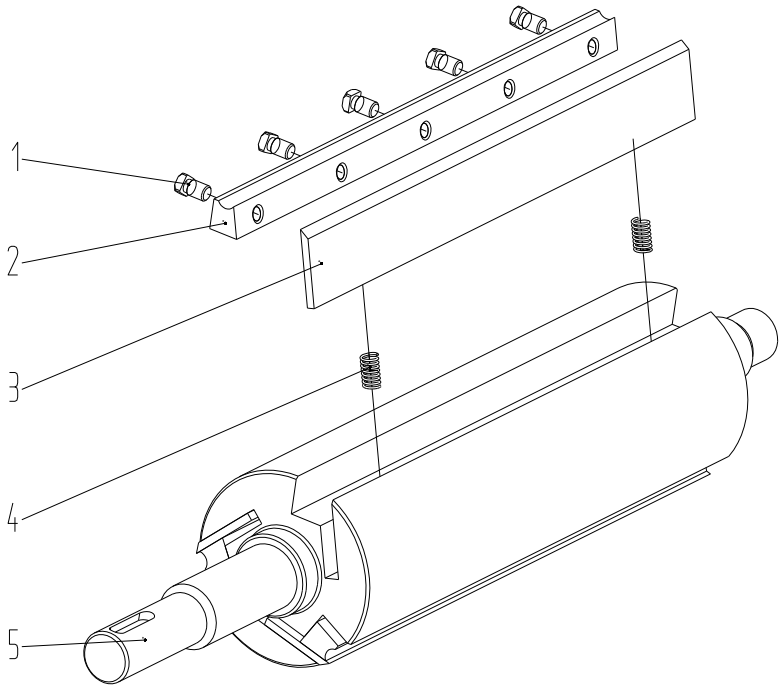
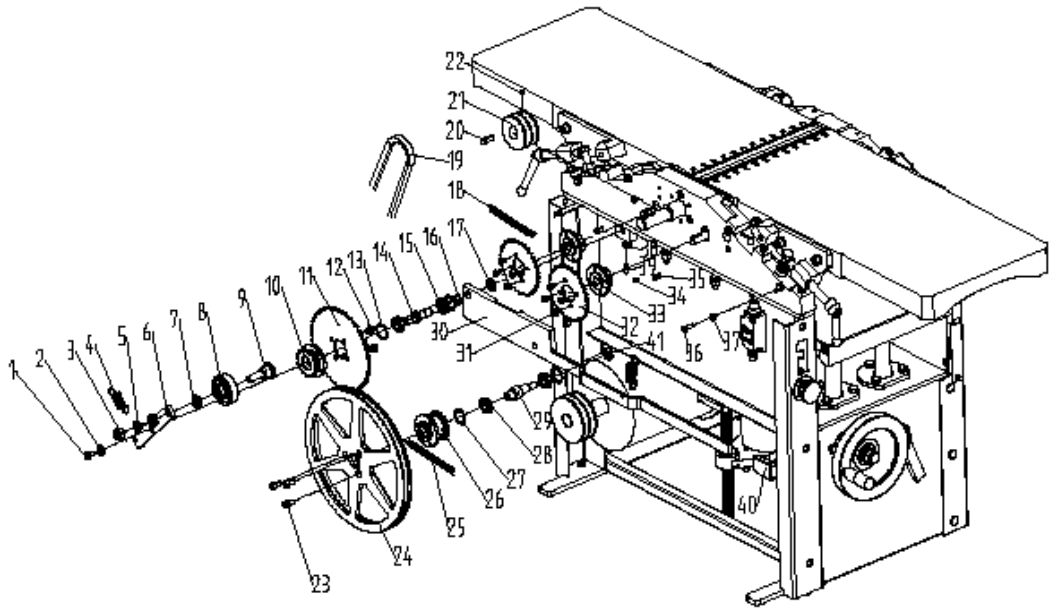
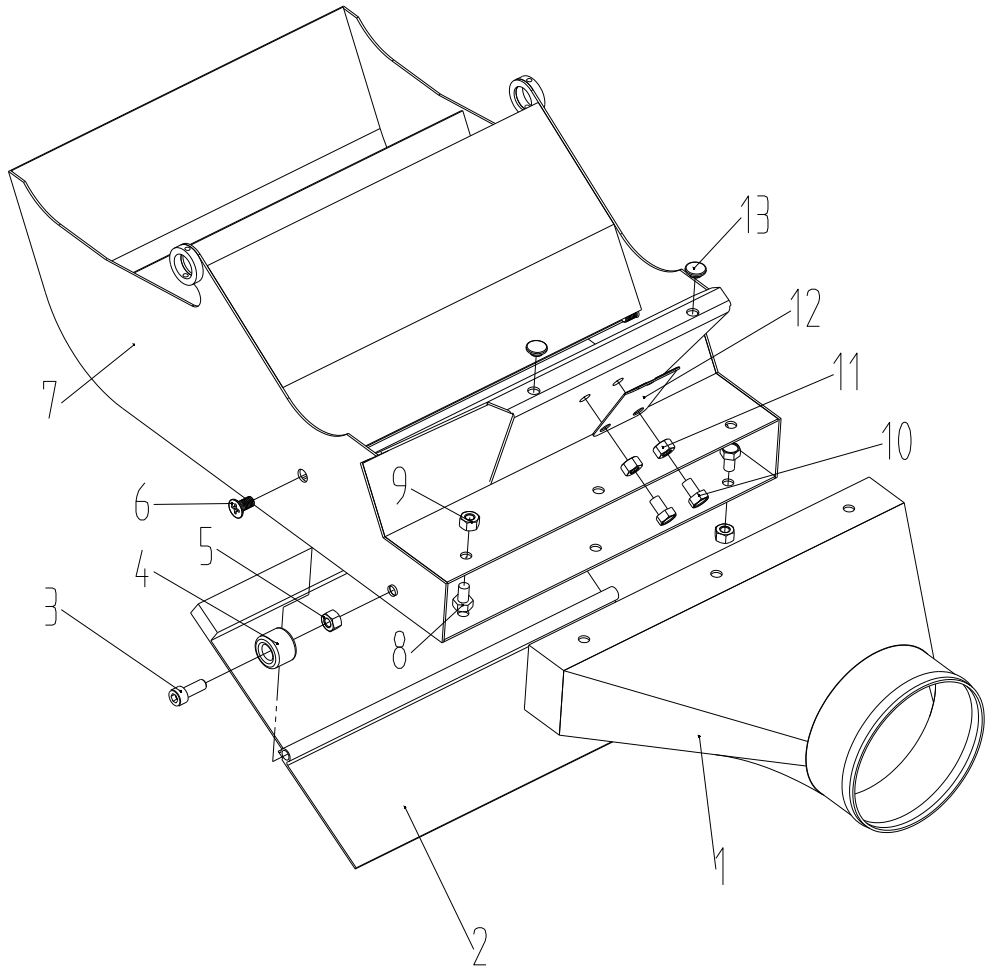
| 23 | M1007 | Metal plate | 2 | 24 | M1103 | Adjusting wing | 1 |
| 25 | GB70-85 | Socket cap screw M6X20 | 6 | 26 | GB93-87 | Springwasher ϕ 6 | 6 |
| 27 | M081201 | Right bracket | 1 | 28 | NCM | Socket counter-sunk screw M6X16 | 1 |
| 29 | M081208 | Protective plate | 1 | 30 | GB818-85 | Screw M5X8 | 4 |
| 31 | GB879-86 | Spring pin 6X20 | 1 | 32 | M0904 | Support axle | 2 |
| 33 | M081209 | Driven roller | 1 | 34 | M081204 | Bearing bush | 2 |
| 35 | GB/T276-94 | Bearing 6205 | 2 | 36 | GB893.1-86 | "C" ring ϕ 52 | 2 |
| 37 | GB894.1-86 | "C" ring ϕ 25 | 1 | 38 | M081207 | Cutter block | 1 |
| 39 | M081206 | Driving roller | 1 | 40 | GB6170-86 | Hex nut M8 | 4 |
| 41 | GB/T848-85 | Small washer ϕ 8 | 4 | 42 | M081211 | Spring | 4 |
| 43 | M081212 | double-edged bolt | 4 | 44 | M081203 | Bush | 4 |
| 45 | GB5783-86 | Hex bolt M5X25 | 1 | 46 | GB6170-86 | Hex nut M5 | 1 |
| 47 | M081205-2 | Limited bar | 1 | 48 | M1005 | Adjusting wing | 1 |
| 49 | GB77-85 | Set screw M8X8 | 4 | 50 | GB97.1-85 | Washer ϕ 8 | 2 |
| 51 | GB70-85 | Socket cap screw M8X16 | 2 | 52 | GB70-85 | Socket cap screw M8X25 | 2 |
| 53 | GB97.1-85 | Washer ϕ 8 | 2 | 54 | M1004 | Eccentric bush | 2 |
| 55 | GB119-86 | Pin 6X16 | 4 | 56 | M1001 | Infeed table | 1 |
| 57 | M1010 | Space plate | 1 | 58 | M1009 | Locking plate | 1 |
| 59 | GB819-85 | Screw M5X12 | 2 | 60 | M1013 | Press plate | 1 |
| 61 | GB97.1-85 | Washer ϕ 5 | 2 | 62 | GB5783-86 | Hex bolt M5X10 | 2 |
| 63 | M1002 | Locking block | 1 | 64 | GB894.1-86 | "C" ring ϕ 12 | 2 |
| 65 | M1003 | Locking handle | 2 | | | | |



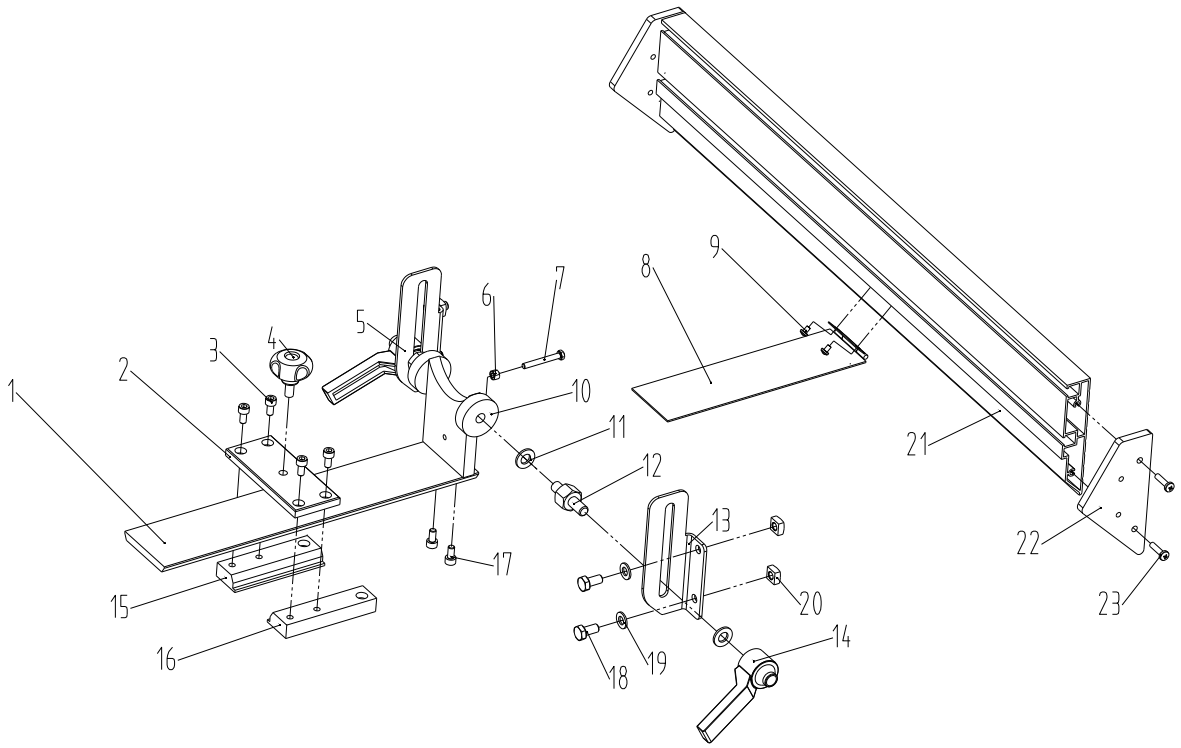

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M081207.3 | Square toes bolt | 15 | 2 | M081207.2 | Blade locking block | 3 |
| 3 | M081207.5 | Blade | 3 | 4 | M081207.4 | Spring | 6 |
| 5 | M081207.1 | Cutter block | 1 | | | | |
| | | | | | | | |



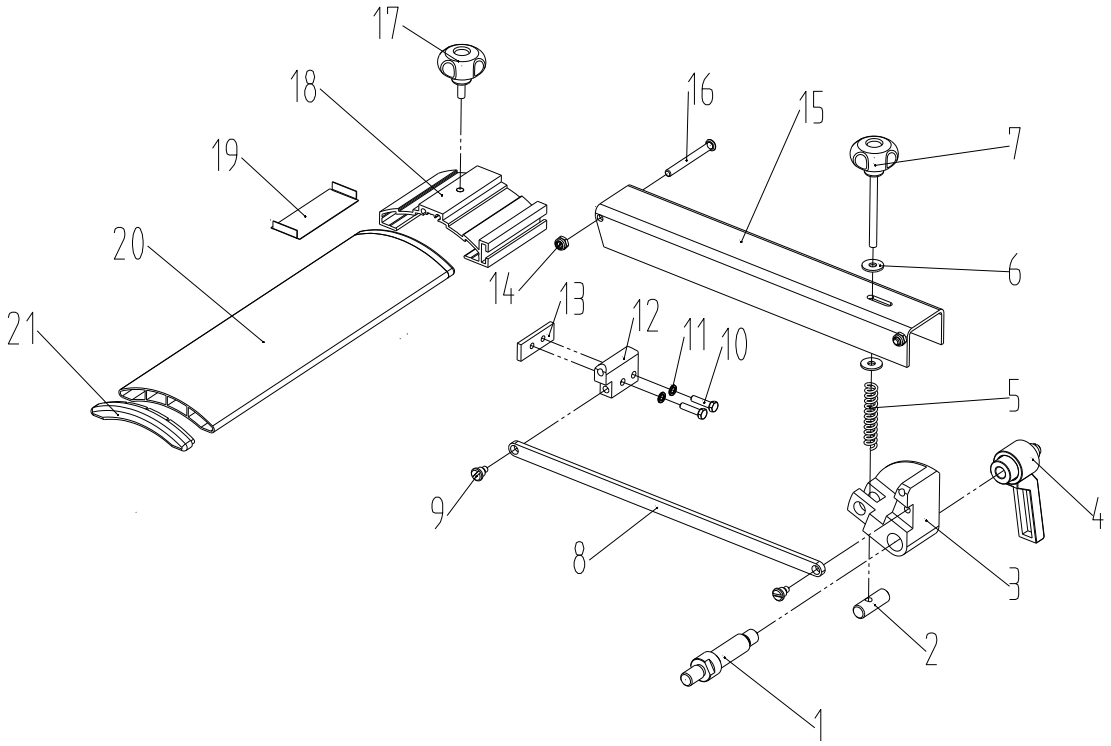
| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | GB5783-86 | Hex bolt M6X10 | 1 | 2 | GB97.1-85 | Washer ϕ6 | 1 |
| 3 | GB6170-86 | Hex nut M10 | 1 | 4 | M082218 | Pull spring | 2 |
| 5 | GB93-87 | Spring washer ϕ10 | 1 | 6 | M082202 | plate | 1 |
| 7 | GB97.1-85 | Washer ϕ10 | 2 | 8 | GB/T276-94 | Bearing 80303 | 1 |
| 9 | M082217 | Pin axle | 1 | 10 | M082205 | Sprocket | 1 |
| 11 | M082201 | Sprocket | 1 | 12 | GB818-85 | Screw M6X8 | 4 |
| 13 | GB893.1-86 | “C” ring ϕ24 | 2 | 14 | M082215 | Long pin | 1 |
| 15 | GB/T276-94 | Bearing 61901 | 2 | 16 | GB894.1-86 | “C” ring ϕ12 | 1 |
| 17 | GB97.1-85 | Washer ϕ10 | 1 | 18 | | Chain | 1 |
| 19 | SJD | V-belt | 2 | 20 | GB1096-79 | Pin 6X25 | 1 |
| 21 | M082208 | Cutter block pulley | 1 | 22 | GB77-85 | Screw M6X5 | 1 |
| 23 | GB70-85 | Socket cap screw M6X14 | 3 | 24 | M082213 | Wheel | 1 |
| 25 | | Chain | 1 | 26 | M082207 | Sprocket | 1 |
| 27 | GB893.1-86 | “C” ring ϕ24 | 2 | 28 | GB/T276-94 | Bearing 61901 | 2 |
| 29 | M082216 | Short pin | 1 | 30 | M082206 | Control handle | 1 |
| 31 | GB818-85 | Screw M5X8 | 8 | 32 | M082210 | Sprocket | 2 |
| 33 | M082210.1 | Sprocket plate | 2 | 34 | GB77-85 | Set screw M6X8 | 2 |
| 35 | GB1096-79 | Key 5X16 | 2 | 36 | GB818-85 | Screw M5X16 | 1 |
| 37 | GB6170-86 | Hex nut M5 | 1 | 38 | GB6170-86 | Hex nut M6 | 1 |
| 39 | GB80-85 | Set screw M6X20 | 1 | 40 | M082219 | Handle | 1 |
| 41 | GB6173-86 | Hex thin nut M12 | | | | | |



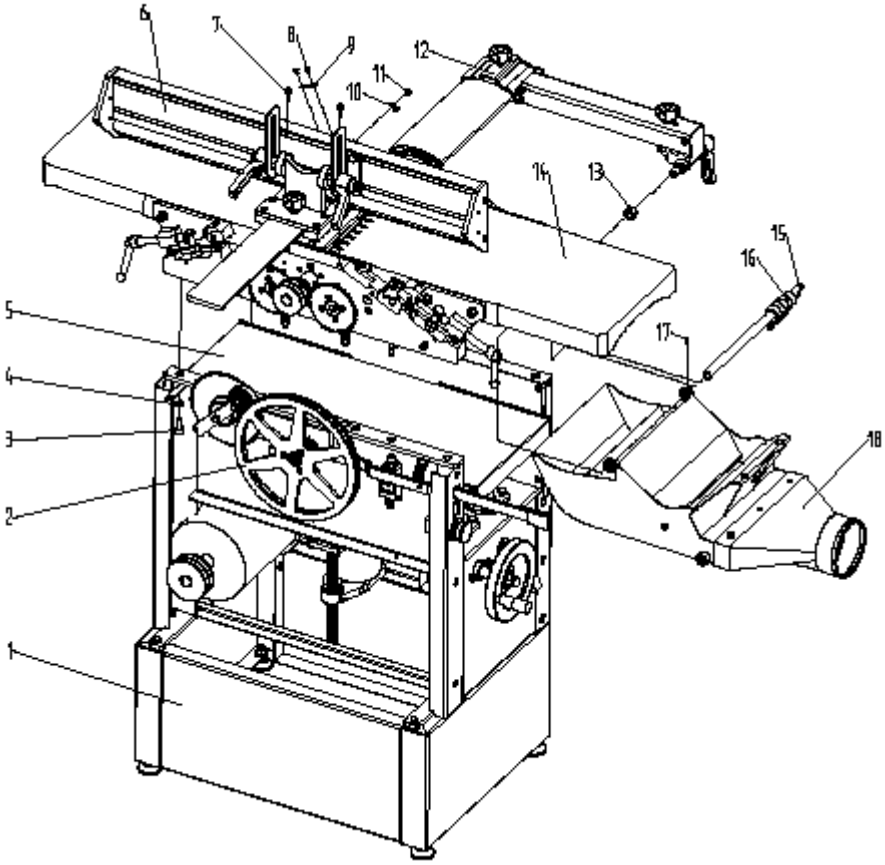

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M0901.1 | Dust extraction hood | 1 | 2 | M0901.7 | Turning plate | 1 |
| 3 | GB70-85 | Socket cap screw M6X16 | 1 | 4 | M0906 | Rubber tray | 1 |
| 5 | GB6170-86 | Hex nut M6 | 1 | 6 | GB819-85 | Screw M6X12 | 2 |
| 7 | M0901 | Dust chute | 1 | 8 | GB5783-86 | Hex bolt M6X10 | 6 |
| 9 | GB6170-86 | Hex nut M6 | 6 | 10 | GB5783-86 | Hex bolt M6X10 | 2 |
| 11 | GB6170-86 | Hex nut M6 | 2 | 12 | M0907 | Locking plate | 1 |
| 13 | M0905 | Damping tray | 2 | | | | |



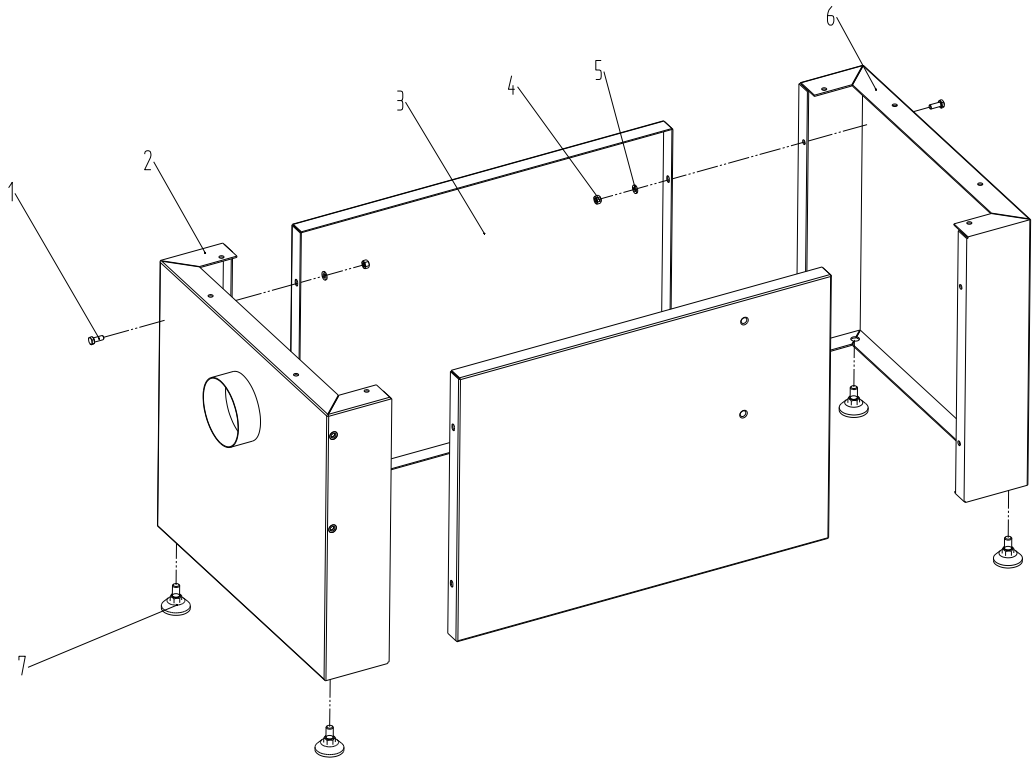

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M1409 | Guide rail | 1 | 2 | M1411 | Connecting plate | 1 |
| 3 | GB70-85 | Socket cap screw M6X12 | 4 | 4 | M1414 | Locking handle | 1 |
| 5 | M1401 | Left metal plate | 1 | 6 | GB6170-86 | Hex nut M5 | 1 |
| 7 | GB5783-86 | Hex bolt M5X40 | 1 | 8 | M1407 | Sliding plate | 1 |
| 9 | GB867-86 | Rivet 4X6 | 2 | 10 | M1404 | Bracket | 1 |
| 11 | GB97.1-85 | Washer $\phi$ 10 | 4 | 12 | M1403 | double-edged bolt | 2 |
| 13 | M1405 | Right sliding block | 1 | 14 | M1413 | Locking handle | 2 |
| 15 | M1408 | Left metal plate | 1 | 16 | M1410 | Right metal plate | 1 |
| 17 | GB70-85 | Socket cap screw M6X12 | 2 | 18 | GB5783-86 | Hex bolt M8X16 | 4 |
| 19 | GB97.1-85 | Washer $\phi$ 8 | 4 | 20 | M1412 | Square toes nut | 4 |
| 21 | M1402 | Fence | 1 | 22 | M1406 | Angle plate | 2 |
| 23 | ZGM | Screw M5X20 | 4 | | | | |



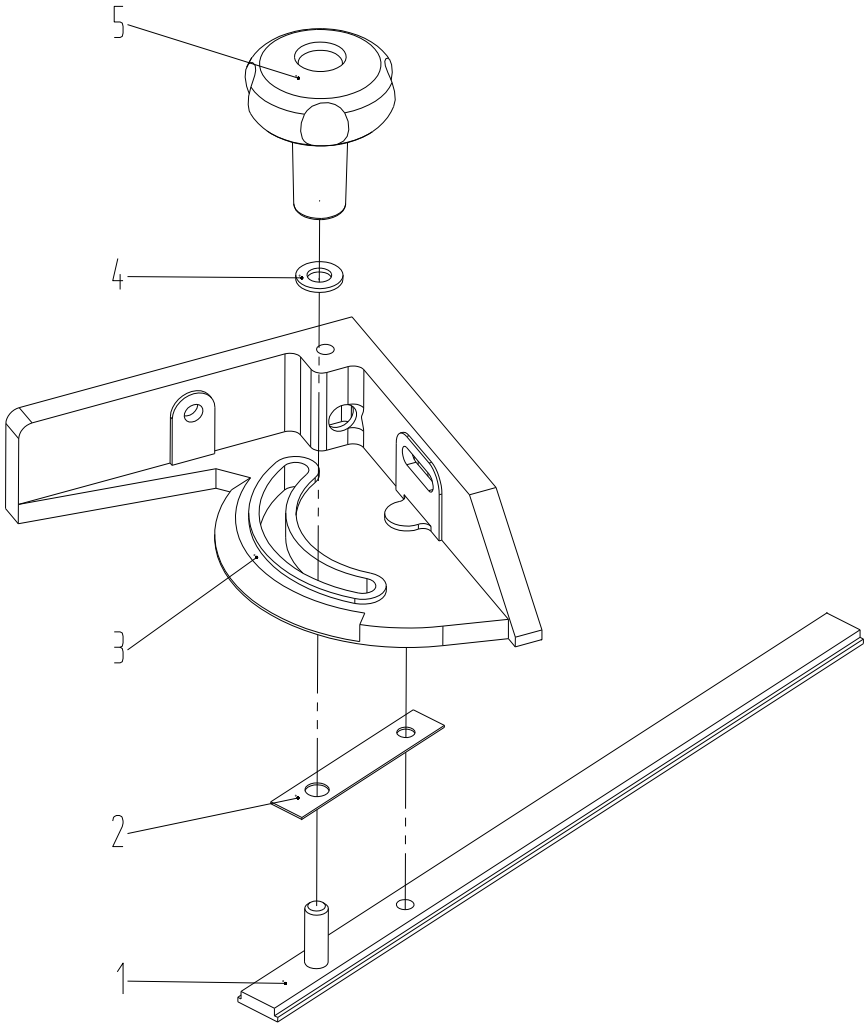

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M1012.1 | Locking pole | 1 | 2 | M1602 | Rotor | 1 |
| 3 | M1610 | Sector plate | 1 | 4 | M1012 | Locking handle | 1 |
| 5 | M1603 | Spring | 1 | 6 | GB96-85 | Large washer ϕ 6 | 2 |
| 7 | M1605 | Adjusting handle | 1 | 8 | M1609 | Connecting pole | 2 |
| 9 | M1611 | Pin bolt | 2 | 10 | GB5783-86 | Hex bolt M5X20 | 2 |
| 11 | GB93-87 | Spring washer ϕ 5 | 2 | 12 | M1612 | Rock block | 1 |
| 13 | M1606 | Fixing plate | 1 | 14 | ZSM | Locking nut M6 | 2 |
| 15 | M1601 | U-shaped arm | 1 | 16 | M1613 | Long pin | 1 |
| 17 | M1614 | Locking handle | 1 | 18 | M1608 | Crust | 1 |
| 19 | M1604 | Saucer | 1 | 20 | M1607 | Protective plate | 1 |
| 21 | M1615 | Plastic insert | 2 | | | | |



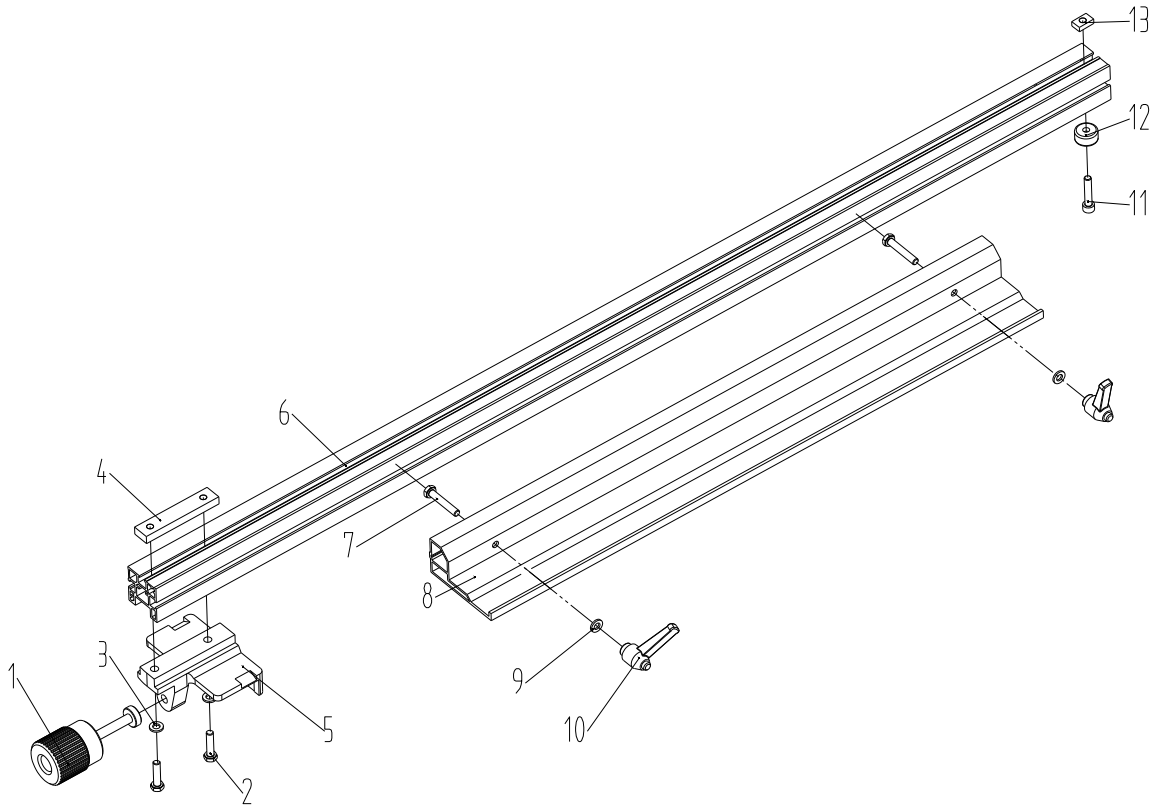

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | M06 | Stand assembly | 1 | 2 | M0822 | Thicknesser clutch assembly | 1 |
| 3 | GB70-85 | Socket cap screw M8X20 | 8 | 4 | GB93-87 | Spring washer $\phi$ 8 | 8 |
| 5 | M07 | Thicknessing table assembly | 1 | 6 | M14 | Fence assembly | 1 |
| 7 | GB70-85 | Socket cap screw M6X16 | 2 | 8 | GB818-85 | Screw M4X6 | 2 |
| 9 | M18 | Infeed scale | 1 | 10 | M20 | Infeed pointer | 1 |
| 11 | GB818-85 | Screw M4X6 | 2 | 12 | M16 | Protective cover assembly | 1 |
| 13 | GB6170-86 | Hex nut M12 | 1 | 14 | M10 | Planer table assembly | 1 |
| 15 | M0902 | Rotor | 1 | 16 | M0903 | Kick block | 20 |
| 17 | GB879-86 | Spring pin 3X10 | 1 | 18 | M09 | Extraction dust assembly | 1 |



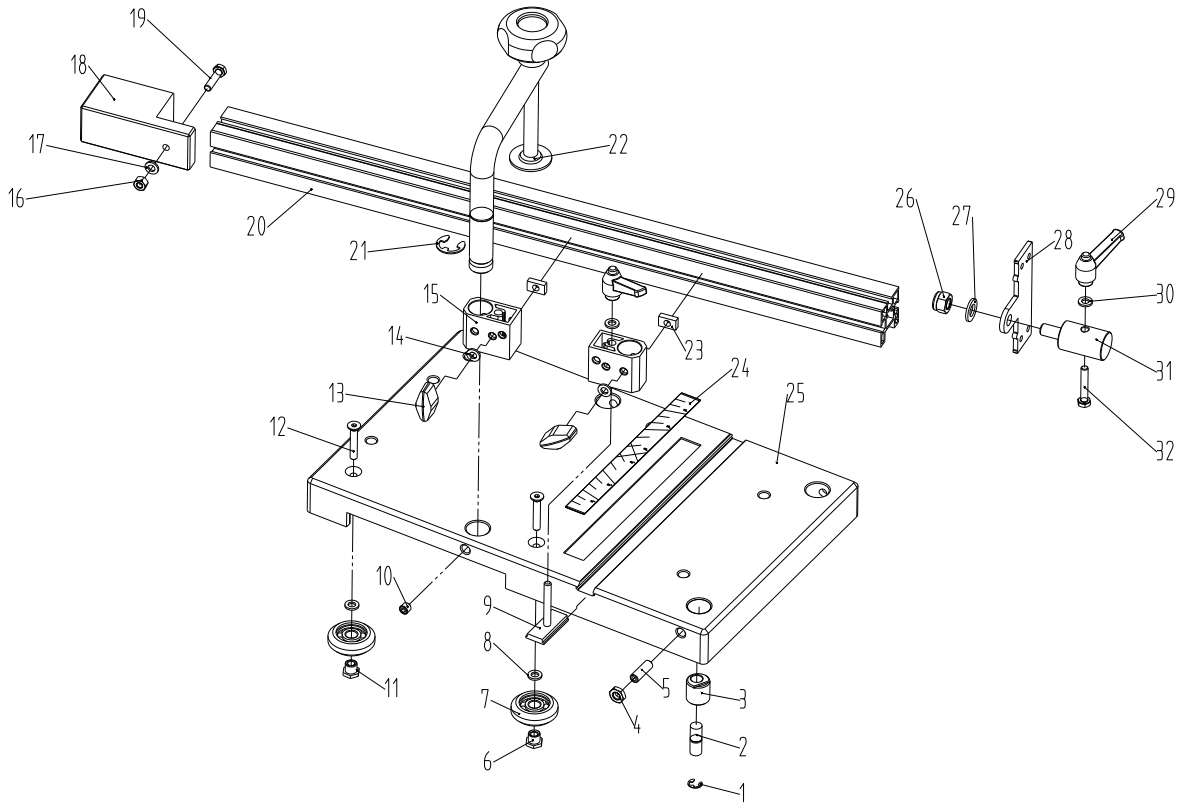

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | GB5783-86 | Hex bolt M6X16 | 8 | 2 | K29 | Right support leg | 1 |
| 3 | K30 | Middle leg | 2 | 4 | GB6170-86 | Hex nut M6 | 8 |
| 5 | GB97.1-85 | Washer $\phi$6 | 8 | 6 | K28 | Left support leg | 1 |
| 7 | M0613 | Underprop | 4 | | | | |




| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | K0603 | T-shaped plate | 1 | 2 | K0605 | Saucer | 1 |
| 3 | K0601 | Miter gauge | 1 | 4 | GB97.1-85 | Washer $\phi 8$ | 1 |
| 5 | K0602 | Long handle | 1 | | | Left support leg | |

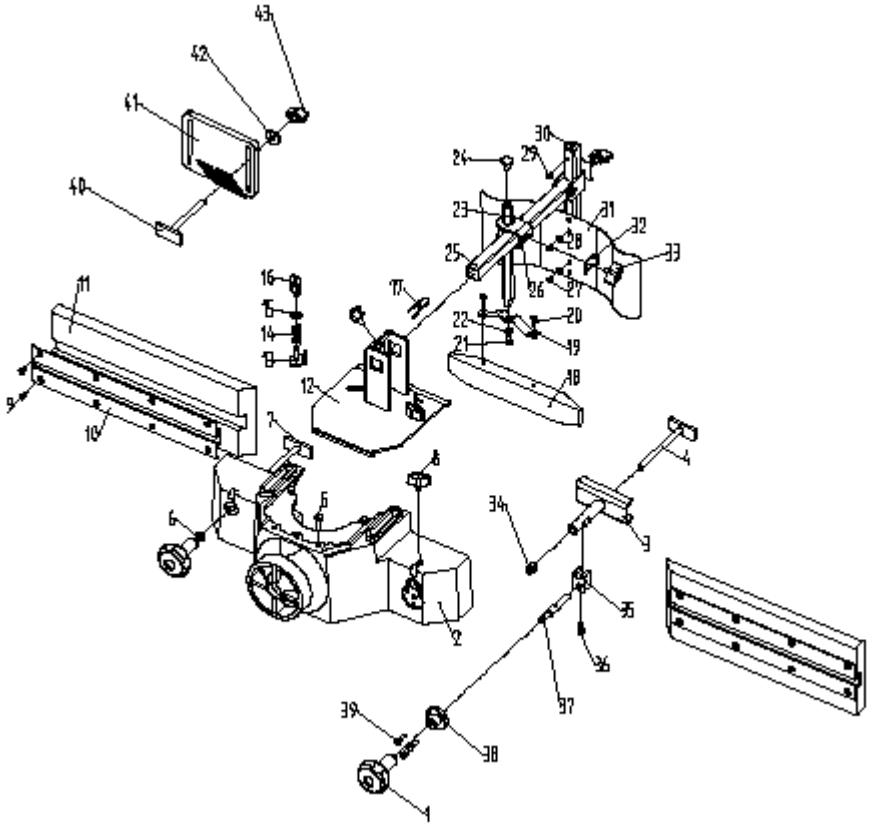



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | K0501 | Locking handle | 1 | 2 | GB5783-86 | Hex bolt M6X25 | 2 |
| 3 | GB97.1-85 | Washer ϕ6 | 2 | 4 | K0504 | Fixing plate | 1 |
| 5 | K0503 | Locking bracket | 1 | 6 | K0506 | Long fence | 1 |
| 7 | GB5783-86 | Hex bolt M6X35 | 2 | 8 | K0505 | right-angle fence | 1 |
| 9 | GB97.1-85 | Washer ϕ6 | 2 | 10 | K0102 | Small handgrip | 2 |
| 11 | GB70-85 | Socket cap screw M6X30 | 1 | 12 | K0507 | Rubber tray | 1 |
| 13 | K0108 | Square toes nut | 1 | | | | |



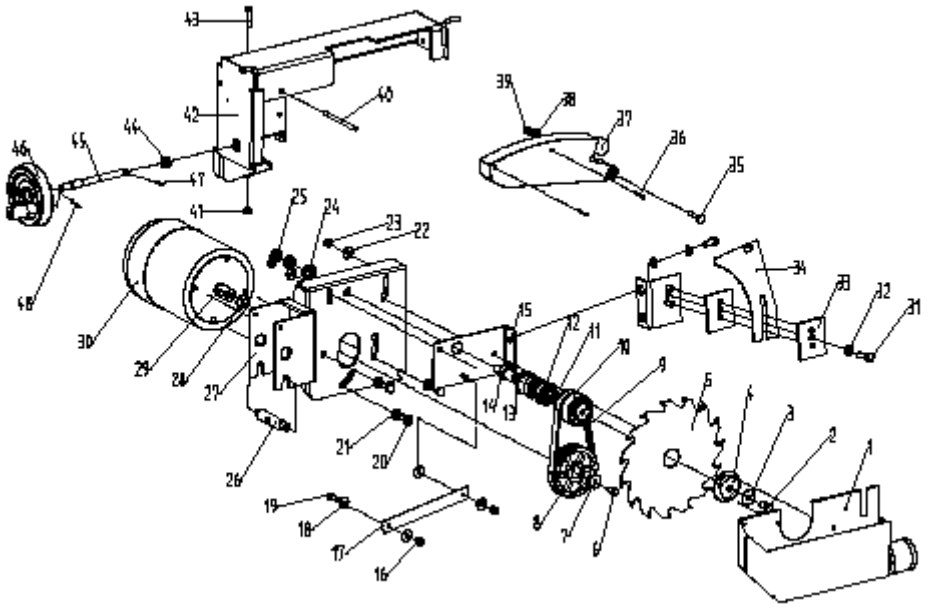

| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | K0105 | C-shaped ring | 1 | 2 | K0104 | sliding axle | 1 |
| 3 | K0103 | Eccentric bush | 1 | 4 | GB6172-86 | Hex thin nut M8 | 1 |
| 5 | GB77-85 | Set screw M8X25 | 1 | 6 | K0118 | Eccentric nut | 2 |
| 7 | K0117 | Trolley | 4 | 8 | GB97.1-85 | Washer ϕ6 | 4 |
| 9 | K0112 | T-shaped bolt | 1 | 10 | GB78-85 | Set screw M8X10 | 1 |
| 11 | K0120 | Homocentric nut | 2 | 12 | CTLS | Socket counter-sunk screw M6X35 | 4 |
| 13 | K0107 | Rhombic hand-grip | 2 | 14 | GB97.1-85 | Washer ϕ6 | 3 |
| 15 | K0113 | Connecting block | 2 | 16 | GB6170-86 | Hex nut M6 | 1 |
| 17 | GB97.1-85 | Washer ϕ6 | 1 | 18 | K0113 | wood block | 1 |
| 19 | GB5783-86 | Hex bolt M6X25 | 1 | 20 | K0106 | Angle fence | 1 |
| 21 | GB896-86 | “E” ring ϕ16 | 1 | 22 | K0115 | Press handle | 1 |
| 23 | K0108 | Square toes nut | 2 | 24 | K0119 | Angle.ruler | 1 |
| 25 | K0109 | Sliding table | 1 | 26 | ZSM10 | Locking nut M10 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 27 | GB97.1-85 | Washer ϕ10 | 1 | 28 | K0111 | Turing plate | 1 |
| 29 | K0102 | Small handgrip | 2 | 30 | GB97.1-85 | Washer ϕ6 | 1 |
| 31 | K0101 | Locating pole | 1 | 32 | GB5783-86 | Hex bolt M6X35 | 1 |

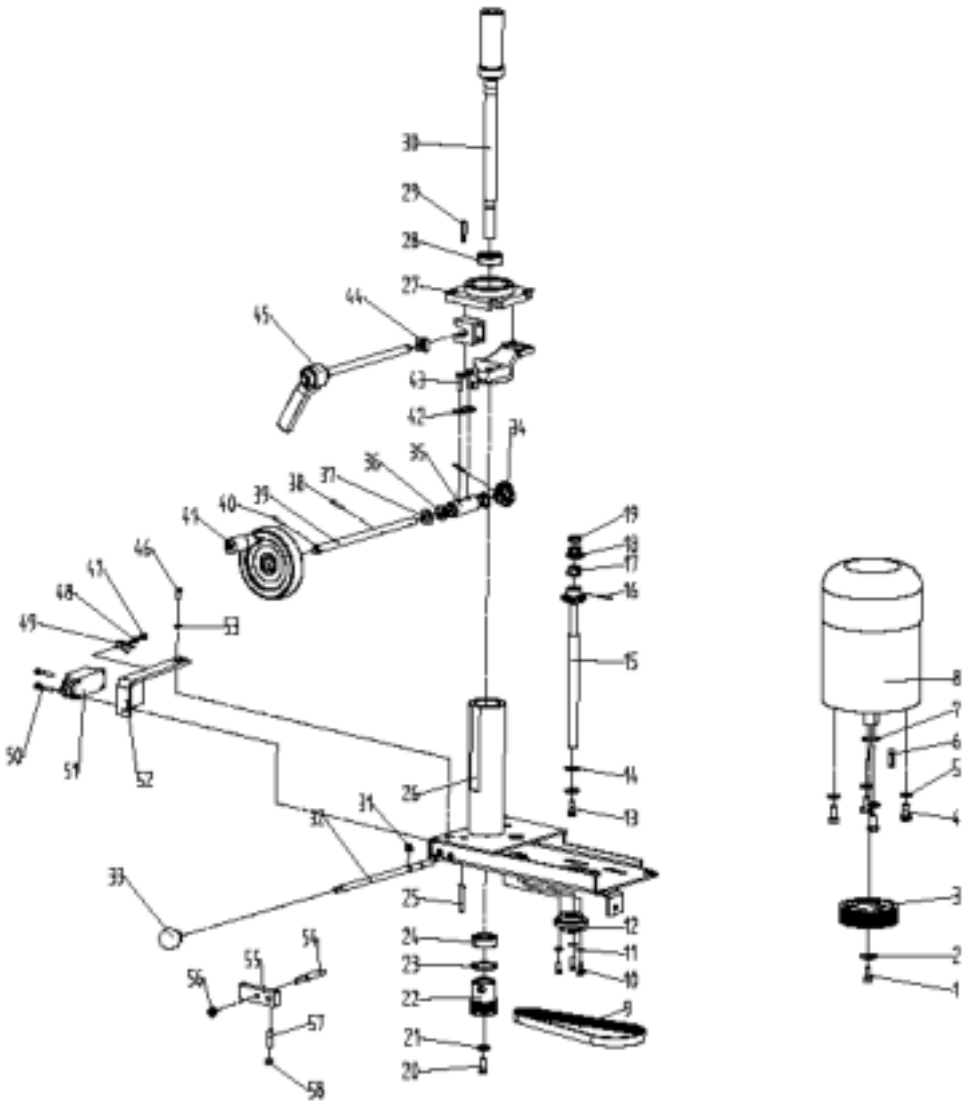


| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | K0602 | Long handle | 2 | 2 | K0316 | Exhaustion socket | 1 |
| 3 | K0321 | Guide rack | 1 | 4 | K0322 | Long T-shaped bolt | 1 |
| 5 | GB819-85 | Screw M6X10 | 4 | 6 | GB97.1-85 | Washer ϕ8 | 1 |
| 7 | K0320 | Short T-shaped bolt | 1 | 8 | K0313 | Rhombic hand-grip | 2 |
| 9 | CZG | Screw M4X12 | 16 | 10 | K0309 | T-shaped rail | 2 |
| 11 | K0308 | Horizontal wood broad | 2 | 12 | K0315 | Turing rack | 1 |
| 13 | K0318 | Locking sheet metal | 2 | 14 | K0319 | Spring | 2 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 15 | GB97.1-85 | Washer ϕ8 | 2 | 16 | K0317 | Rhombic hand-grip | 2 |
| 17 | K0314 | Saucer | 2 | 18 | K0307 | Horrent wood broad | 1 |
| 19 | K0312 | M-shaped plate | 1 | 20 | PZG | Screw M4X16 | 2 |
| 21 | GB5783-86 | Hex bolt M5X12 | 1 | 22 | GB97.1-85 | Washer ϕ5 | 1 |
| 23 | K0305 | Hexangular leader | 1 | 24 | GB/T794-88 | Bolt M8X10 | 1 |
| 25 | K0310 | Square leader assembly | 1 | 26 | K0306 | Capstan | 1 |
| 27 | GB818-85 | Screw M4X6 | 2 | 28 | GB97.1-85 | Washer ϕ4 | 2 |
| 29 | GB818-85 | Screw M4X6 | 1 | 30 | K0302 | Standpipe | 1 |
| 31 | K0304 | Spring protec-tive broad | 1 | 32 | K0311 | Locking patch | 2 |
| 33 | K0301 | Rhombic hand-grip | 2 | 34 | GB923-88 | Domed cap nut M8 | 1 |
| 35 | K0323 | Riding plate | 1 | 36 | GB70-85 | Socket cap screw M6X10 | 1 |
| 37 | K0324 | Screw pole | 1 | 38 | K0325 | Fixing block | 1 |
| 39 | GB5783-86 | Hex bolt M5X16 | 3 | 40 | K0326 | ShoT-shaped bolt | 1 |
| 41 | K0327 | Anti-kick board | 1 | 42 | GB97.1-85 | Washer ϕ8 | 1 |
| 43 | K0313 | Rhombic hand-grip | 1 | | | | |

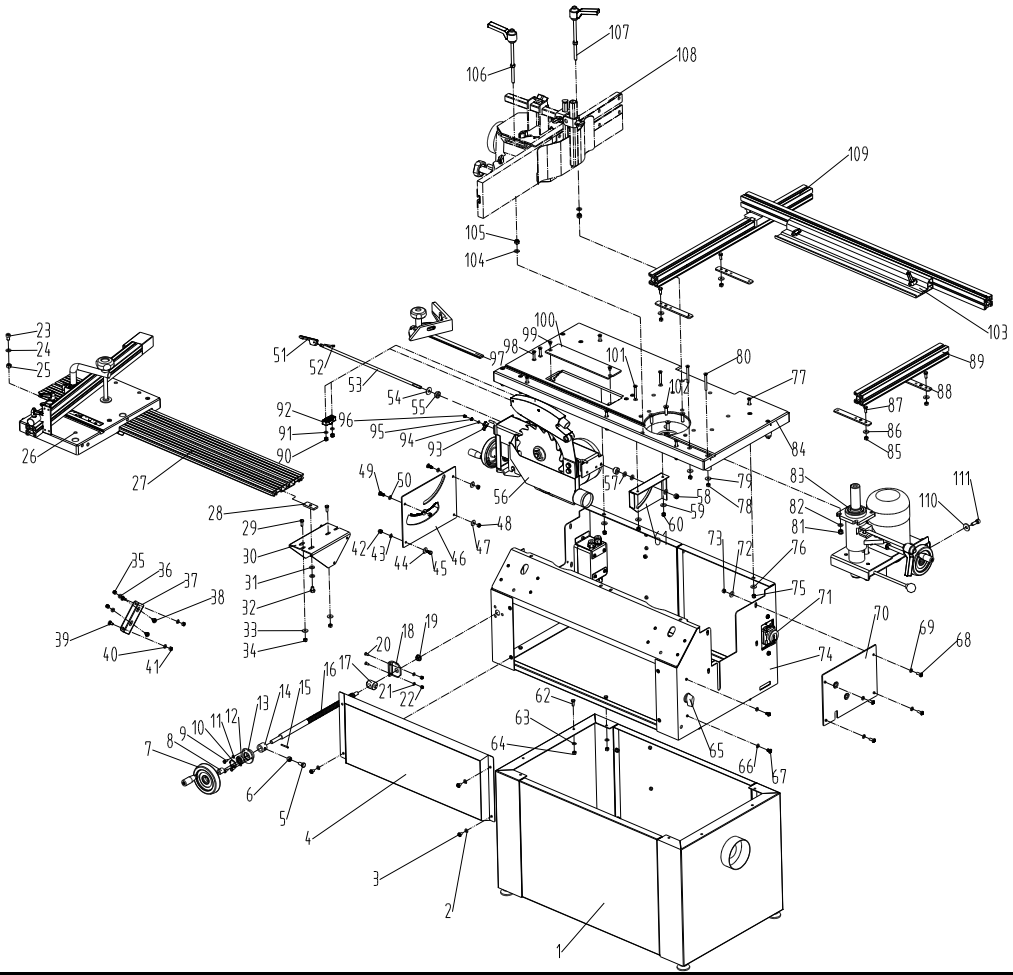


| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | K0707 | Dust collector | 1 | 2 | GB5783-86 | Hex bolt M8X16 | 1 |
| 3 | GB96-85 | Large washer ϕ8 | 1 | 4 | K0708 | Platen | 1 |
| 5 | | saw blade | 1 | 6 | GB5783-86 | Hex bolt M6X16 | 1 |
| 7 | GB5287-85 | Very large washer ϕ6 | 1 | 8 | K0710 | Motor pulley | 1 |
| 9 | 5PJ410 | Cuneal belt | 1 | 10 | K0709 | Driven pulley | 2 |
| 11 | GB894.1-86 | “C”ring ϕ15 | 1 | 12 | GB/T276-94 | Bearing 6202 | 2 |
| 13 | GB893.1-86 | “C”ring ϕ35 | 1 | 14 | K0711 | Saw axis | 1 |
| 15 | K0712 | Parallel plate | 1 | 16 | ZSM6 | Locking nut M6 | 2 |
| 17 | K0713 | Connecting plate | 1 | 18 | GB96-85 | Large washer ϕ6 | 4 |
| 19 | GB5783-86 | Hex bolt M6X16 | 1 | 20 | GB5783-86 | Hex bolt M8X16 | 3 |
| 21 | GB97.1-85 | Washer ϕ8 | 3 | 22 | GB96-85 | Large washer ϕ6 | 2 |
| 23 | ZSM6 | Locking nut M6 | 2 | 24 | GB97.1-85 | Washer ϕ12 | 1 |
| 25 | GB6172-86 | Hex thin nut M12 | 2 | 26 | K0703 | Turning pole | 1 |
| 27 | K0702 | Motor rack | 1 | 28 | GB894.1-86 | “C”ring ϕ19 | 1 |
| 29 | GB1096-79 | Key 6X25 | 1 | 30 | K0714 | Motor | 1 |
| 31 | GB5783-86 | Hex bolt M8X25 | 1 | 32 | GB97.1-85 | Washer ϕ8 | 1 |
| 33 | K0706 | Clamp plate | 2 | 34 | K0705 | Riving wedge | 1 |
| 35 | GB/T794-88 | Bolt M6X30 | 1 | 36 | PZGS | Screw M3X20 | 2 |
| 37 | K0715 | Exterior dust collector | 1 | 38 | GB97.1-85 | Washer ϕ6 | 1 |
| 39 | ZSM6 | Locking nut M6 | 1 | 40 | GB879-86 | Spring pin 6X85 | 1 |
| 41 | GB6170-86 | Hex nut M6 | 1 | 42 | K0701 | Turning support | 1 |
| 43 | GB5783-86 | Hex bolt M6X30 | 1 | 44 | ZSM10 | Locking nut M10 | 1 |
| 45 | K0704 | Bolt shaft | 1 | 46 | K20 | Hand wheel | 1 |
| 47 | GB879-86 | Spring pin 3X16 | 1 | 48 | GB879-86 | Spring pin 3X25 | 1 |



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | GB5783-86 | Hex bolt M6X16 | 1 | 2 | GB5287-85 | Very large washer ϕ6 | 1 |
| 3 | K0710 | Motor pulley | 1 | 4 | GB5783-86 | Hex bolt M8X16 | 4 |
| 5 | GB97.1-85 | Washer ϕ8 | 4 | 6 | GB1096-79 | Key 6X25 | 1 |
| 7 | GB894.1-86 | "C"ring ϕ19 | 1 | 8 | K1006 | Motor | 1 |
| 9 | 5PJ520 | Cuneal belt | 1 | 10 | GB5783-86 | Hex bolt M5X12 | 3 |
| 11 | GB97.1-85 | Washer ϕ5 | 3 | 12 | K1003.1 | Nut bush | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 13 | GB5783-86 | Hex bolt M6X16 | 1 | 14 | GB96-85 | Large washer ϕ 6 | 2 |
| 15 | K1005 | Bolt shaft | 1 | 16 | GB879-86 | Spring pin 3X20 | 2 |
| 17 | K19 | Bush | 1 | 18 | GZZC | Flat bearing | 1 |
| 19 | GB6172-86 | Hex thin nut M10 | 2 | 20 | GB5783-86 | Hex bolt M6X16 | 2 |
| 21 | GB96-85 | Large washer ϕ 6 | 1 | 22 | K1007 | Driven pulley | 1 |
| 23 | GB893.1-86 | "C"ring ϕ 35 | 1 | 24 | GB/T276-94 | Bearing 6202 | 1 |
| 25 | K1004 | Spring clip | 1 | 26 | K1003 | Motor rack | 1 |
| 27 | K1002 | Oriented stand | 1 | 28 | GB/T276-94 | Bearing 6003 | 1 |
| 29 | GB1096-79 | Key 5X30 | 1 | 30 | K1001 | Spindle | 1 |
| 31 | GB896-86 | "E"ring ϕ 6 | 1 | 32 | K1012 | Locking pole | 1 |
| 33 | BSH7526 | Handball | 1 | 34 | K1008 | Cone gear | 1 |
| 35 | K1010 | Bearing bush | 1 | 36 | K19 | Bush | 2 |
| 37 | GB97.1-86 | Washer ϕ 10 | 1 | 38 | GB879-86 | Spring pin 3X20 | 1 |
| 39 | K1011 | Turning shaft | 1 | 40 | GB879-86 | Spring pin 3X25 | 1 |
| 41 | K20 | Hand wheel | 1 | 42 | GB96-85 | Large washer ϕ 6 | 2 |
| 43 | GB5783-86 | Hex bolt M6X16 | 2 | 44 | GB39-88 | Square toes nut M10 | 1 |
| 45 | K1009 | Locking pole | 1 | 46 | GB5783-86 | Hex bolt M5X10 | 2 |
| 47 | GB819-85 | Screw M4X6 | 1 | 48 | GB97.1-85 | Washer ϕ 4 | 1 |
| 49 | K1014 | pointer | 1 | 50 | GB819-85 | Screw M4X25 | 4 |
| 51 | WDKG | Inching switch | 1 | 52 | K1015 | Supporting plate | 1 |
| 53 | GB97.1-85 | Washer ϕ 5 | 2 | 54 | K1016 | Guiding pole | 1 |
| 55 | K1017 | Locking plate | 1 | 56 | GB6170-86 | Hex nut M6 | 1 |
| 57 | GB77-85 | Set screw M6X25 | 1 | 58 | GB6170-86 | Hex nut M6 | 1 |



| NO. | CODE | DESCRIPTION | QTY | NO. | CODE | DESCRIPTION | QTY |
|---|---|---|---|---|---|---|---|
| 1 | K27-1 | Lower stand | 1 | 2 | GB97.1-85 | washer ϕ6 | 4 |
| 3 | GB818-85 | Screw M6X10 | 4 | 4 | K26 | Protective cover | 1 |
| 5 | GB5783-86 | Hex bolt M8X16 | 1 | 6 | GB6170-86 | Hex nut M8 | 1 |
| 7 | K20 | Hand wheel | 1 | 8 | K3602 | Space bush | 1 |
| 9 | GB5783-86 | Hex bolt M5X12 | 3 | 10 | GB893.1-86 | “C”ring ϕ26 | 1 |
| 11 | GB97.1-85 | washer ϕ5 | 3 | 12 | GB/T276-94 | Bearing 6000 | 1 |
| 13 | K3607 | Bearing bush | 1 | 14 | K3603 | Space bush | 1 |
| 15 | GB879-86 | Spring pin 3X25 | 1 | 16 | K3601 | Guide screw | 1 |
| 17 | K3605 | Turning pole | 1 | 18 | K3604 | Bracket | 1 |
| 19 | M0720 | Bush | 1 | 20 | GB819-85 | Screw M5X12 | 2 |
| 21 | GB97.1-85 | washer ϕ5 | 2 | 22 | ZSM5 | Locking nut M5 | 2 |
| 23 | GB70-85 | Socket cap screw M8X10 | 1 | 24 | GB97.1-85 | washer ϕ8 | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 25 | GB6170-86 | Hex nut M8 | 1 | 26 | K01 | Sliding table assembly | 1 |
| 27 | K13 | Guide rail | 1 | 28 | K14 | Locating block | 2 |
| 29 | GB5783-86 | Hex bolt M6X16 | 4 | 30 | K15 | Rail support | 2 |
| 31 | GB97.1-85 | washer ϕ8 | 4 | 32 | GB5783-86 | Hex bolt M8X10 | 2 |
| 33 | GB96-85 | large washer ϕ6 | 4 | 34 | GB6170-86 | Hex nut M6 | 4 |
| 35 | GB6170-86 | Hex nut M6 | 8 | 36 | GB96-85 | large washer ϕ6 | 8 |
| 37 | K1617 | Supporting plate | 4 | 38 | GB/T794-88 | Screw M6X12 | 8 |
| 39 | GB/T794-88 | Screw M6X12 | 8 | 40 | GB97.1-85 | washer ϕ6 | 8 |
| 41 | GB6170-86 | Hex nut M6 | 8 | 42 | GB923-88 | Domed cap nut M6 | 1 |
| 43 | GB97.1-85 | washer ϕ6 | 1 | 44 | GB96-85 | large washer ϕ6 | 1 |
| 45 | GB5783-86 | Hex bolt M6X12 | 1 | 46 | K18 | Saw faceplate | 1 |
| 47 | GB96-85 | large washer ϕ6 | 3 | 48 | GB6170-86 | Hex nut M6 | 3 |
| 49 | GB818-85 | Screw M6X16 | 3 | 50 | GB97.1-85 | washer ϕ6 | 3 |
| 51 | K2102 | Locking handle | 1 | 52 | GB867-86 | Rivet 3X12 | 1 |
| 53 | K2103 | Locking pole | 1 | 54 | GB96-85 | large washer ϕ8 | 1 |
| 55 | K22 | Space bush | 1 | 56 | K07 | Saw assembly | 1 |
| 57 | GB97.1-86 | washer ϕ8 | 3 | 58 | ZSM8 | Locking nut M8 | 1 |
| 59 | GB96-85 | large washer ϕ6 | 2 | 60 | ZSM6 | Locking nut M6 | 2 |
| 61 | K33 | Locking plate | 1 | 62 | GB5783-86 | Hex bolt M6X16 | 8 |
| 63 | GB97.1-85 | washer ϕ6 | 8 | 64 | GB6170-86 | Hex nut M6 | 8 |
| 65 | ZGKG | Transition switch | 1 | 66 | GB97.1-85 | washer ϕ6 | 6 |
| 67 | GB818-85 | Screw M6X10 | 6 | 68 | GB818-85 | Screw M6X16 | 4 |
| 69 | GB97.1-85 | washer ϕ6 | 4 | 70 | K18 | Moulding face-plate | 1 |
| 71 | KJD12 | Switch | 2 | 72 | GB96-85 | large washer ϕ6 | 4 |
| 73 | GB6170-86 | Hex nut M6 | 4 | 74 | K27-2 | Stand | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 75 | ZSM6 | Locking M6 | 5 | 76 | GB96-85 | large washer ϕ6 | 5 |
| 77 | NCM | Socket counter-sunk screw M6X45 | 5 | 78 | GB6170-86 | Hex nut M6 | 8 |
| 79 | GB96-85 | large washer ϕ6 | 8 | 80 | NCM | Socket counter-sunk screw M6X60 | 8 |
| 81 | ZSM8 | Locking nut M8 | 4 | 82 | GB97.1-85 | washer ϕ8 | 4 |
| 83 | K10 | Moulding as-sembly | 1 | 84 | K34 | Table | 1 |
| 85 | GB6170-86 | Hex nut M6 | 4 | 86 | GB96-85 | large washer ϕ6 | 4 |
| 87 | GB5783-86 | Hex bolt M6X16 | 4 | 88 | K04 | Supporting plate | 4 |
| 89 | K09 | Vertical fence | 1 | 90 | ZSM6 | Locking nut M6 | 4 |
| 91 | GB97.1-85 | washer ϕ6 | 4 | 92 | K32 | Press block | 2 |
| 93 | K12 | Pointer | 1 | 94 | GB97.1-85 | washer ϕ4 | 1 |
| 95 | WCDQ | Dentation washer ϕ4 | 1 | 96 | GB818-85 | Screw M4X6 | 1 |
| 97 | K06 | Angle ruler | 1 | 98 | NCM | Socket counter-sunk screw M6X30 | 4 |
| 99 | NCM | Socket counter-sunk screw M6X10 | 4 | 100 | K31 | Protective plate | 1 |
| 101 | NCM | Socket counter-sunk screw M6X45 | 2 | 102 | NCM | Socket counter-sunk screw M8X30 | 4 |
| 103 | K05 | Fence assembly | 1 | 104 | GB97.1-85 | washer ϕ8 | 2 |
| 105 | ZSM8 | Locking nut M8 | 2 | 106 | GB6170-86 | Hex nut M8 | 2 |
| 107 | K02 | Locking handle | 2 | 108 | K03 | Exhaustion socket assembly | 1 |
| 109 | K09 | Vertical fence | 1 | 110 | GB96-85 | large washer ϕ8 | 1 |
| 111 | GB70-85 | Socket cap screw M8X25 | 1 | | | | |

# 19 KONFORMITÄTSERKLÄRUNG / CERTIFICATE OF CONFORMITY

CE

**Inverkehrbringer / Distributor**

HOLZMANN MASCHINEN® GmbH
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www.holzmann-maschinen.at info@holzmann-maschinen.at

| **Bezeichnung / name** |
|---|
| 5-fach Kombination / Combined 5-operation machine |
| **Type / model** |
| K5 260L |
| **EG-Richtlinien / EC-directives** |
| 2006/42/EG<br>2006/95/EG |
| **Angewandte Normen / applicable Standards** |
| EN 1870-1:2007+A1:2009, EN 60204-1:2006+A1:2009 |

Hiermit erklären wir, dass die oben genannten Maschinen aufgrund ihrer Bauart in der von uns in Verkehr gebrachten Version den grundlegenden Sicherheits- und Gesundheitsanforderungen der angeführten EG-Richtlinien entsprechen. Diese Erklärung verliert ihre Gültigkeit, wenn Veränderungen an der Maschine vorgenommen werden, die nicht mit uns abgestimmt wurden.

Hereby we declare that the above mentioned machines meet the essential safety and health requirements of the above stated EC directives. Any manipulation or change of the machine not being explicitly authorized by us in advance renders this document null and void.

Haslach, 15.05.2014
Ort / Datum place/date


Klaus Schörgenhuber, Director

Gerhard Brunner
Technische Dokumentation
Technical documentation