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Originalfassung

DE BETRIEBSANLEITUNG

KANTENSCHLEIFMASCHINE OSZILLIEREND

Übersetzung / Translation

EN USER MANUAL

BELT SANDING MACHINE WITH OSCILLATION

FR MANUEL D'UTILISATION

RECTIFIEUSE D'ARÊTE OSCILLANTE



KOS 2740C



2 SICHERHEITSZEICHEN / SAFETY SIGNS / SYMBOLES DE SECURITE

DE	SICHERHEITSZEICHEN BEDEUTUNG DER SYMBOLE	EN	SAFETY SIGNS DEFINITION OF SYMBOLS	FR	SYMBOLES DE SÉCURITÉ SIGNIFICATION DES SYMBOLES
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DE	CE-KONFORM: Dieses Produkt entspricht den EG-Richtlinien
EN	EC-CONFORM: This product complies with EC-directives
FR	CONFORMITÉ CE : Ce produit répond aux directives CE.



DE	ANLEITUNG LESEN! Lesen Sie die Betriebs- und Wartungsanleitung Ihrer Maschine aufmerksam durch und machen Sie sich mit den Bedienelementen der Maschine gut vertraut um die Maschine ordnungsgemäß zu bedienen und so Schäden an Mensch und Maschine vorzubeugen.
EN	READ THE MANUAL! Read the user and maintenance manual carefully and get familiar with the controls in order to use the machine correctly and to avoid injuries and machine defects.
FR	LIRE LE MANUEL D'UTILISATION ! Lire le manuel d'exploitation et de maintenance de votre machine avec assiduité en vous familiarisant bien avec les organes de commande de la machine pour utiliser la machine correctement et prévenir ainsi des blessures corporelles et des dégâts sur la machine.



DE	WARNUNG! Beachten Sie die Sicherheitssymbole! Die Nichtbeachtung der Vorschriften und Hinweise zum Einsatz der Maschine kann zu schweren Personenschäden und tödliche Gefahren mit sich bringen.
EN	ATTENTION! Ignoring the safety signs and warnings applied on the machine as well as ignoring the security and operating instructions can cause serious injuries and even lead to death.
FR	AVERTISSEMENT ! Observer les symboles de sécurité ! Le non-respect des réglementations et des consignes d'utilisation de la machine peut entraîner des blessures corporelles graves et des risques mortels.



DE	Allgemeiner Hinweis
EN	General note
FR	Informations générales



DE	Schutzausrüstung tragen!
EN	Protective clothing!
FR	Porter un équipement de protection !



DE	Maschine vor Wartung und Pausen ausschalten und Netzstecker ziehen!
EN	Stop and pull out the power plug before any break and engine maintenance!
FR	Éteindre la machine avant la maintenance et les pauses et débrancher la fiche secteur !



DE Nur geschultes Personal!
EN Only trained staff!
FR Seulement du personnel formé !



DE Bedienung mit Schmuck verboten!
EN Operation with jewelry forbidden!
FR Utilisation avec des bijoux interdite !



DE Bedienung mit Krawatte verboten!
EN Operation with tie forbidden!
FR Utilisation avec cravate interdite !



DE Bedienung mit offenem Haar verboten!
EN Operation with long hair forbidden!
FR Utilisation avec des cheveux détachées interdite !



DE Gefährliche elektrische Spannung!
EN High voltage!
FR Tension électrique dangereuse !



DE Warnung vor rotierenden Teilen!
EN Warning of rotating parts!
FR Avertissement de pièces rotatives !



DE Warnung vor wegschleudernden Teilen!
EN Warning against thrown-off items!
FR Avertissement de projection de pièces !



DE Vor Nässe schützen!
EN Protect from moisture!
FR Protéger de l'humidité !



DE Sicherheitsabstand einhalten!
EN Keep safety distance!
FR Respecter des distances de sécurité !

10 PREFACE (EN)

Dear Customer!

This manual contains information and important instructions for the installation and correct use of the BELT SANDING MACHINE WITH OSCILLATION KOS 2740C.

Following the usual commercial name of the device (see cover) is substituted in this manual with the name "machine".

This manual is part of the product and shall not be stored separately from the product. Save it for later reference and if you let other people use the product, add this instruction manual to the product.



Please read and obey the security instructions!

Before first use read this manual carefully. It eases the correct use of the product and prevents misunderstanding and damages of product 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 product receipt and unpacking before putting the product into operation.

Please understand that later claims cannot be accepted anymore.

Copyright

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Court of jurisdiction is the Landesgericht Linz or the competent court for 4170 Haslach, Austria!

Customer service contact

HOLZMANN MASCHINEN GmbH

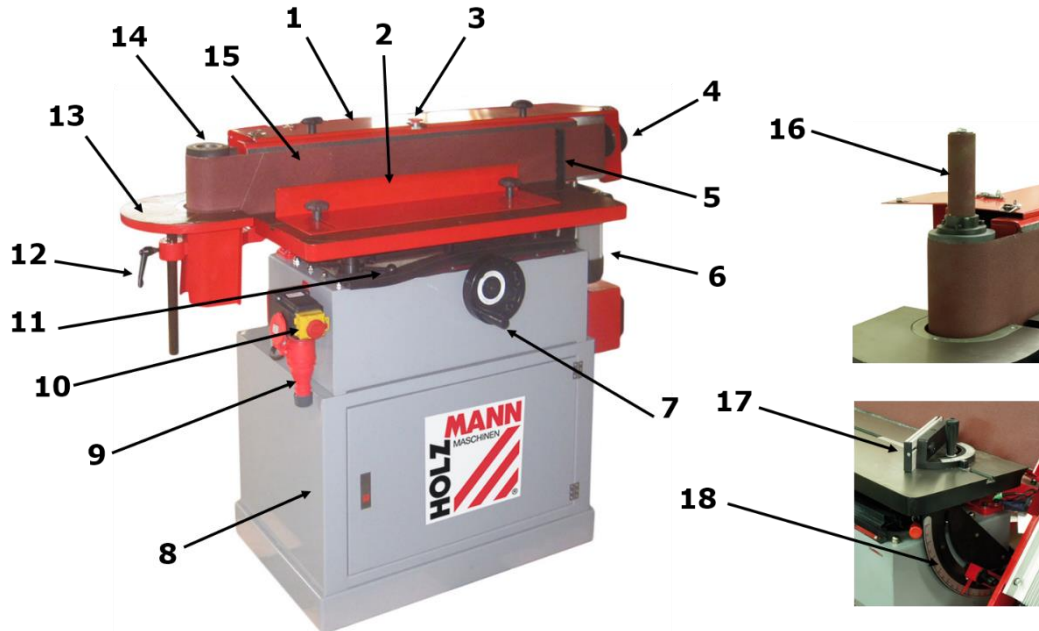
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11 TECHNIC

11.1 Components



1	Sanding belt cover	10	Switch unit
2	Rip fence	11	Table adjustment lock lever
3	Emergency stop	12	Lock lever spindle table
4	Dust collector plug	13	Spindle table
5	Back stop	14	Sanding roller
6	Motor	15	Sanding belt
7	Table height adjustment wheel	16	Sanding cylinder
8	Machine stand	17	Miter gauge
9	Power supply plug	18	Table angle scale

11.2 Technical details

Voltage	230 V / 50 Hz or 400 V / 50 Hz
Motor power S1 / S6	2,2 kW / 3 kW
Sanding belt speed	16 m/s
Worktable dimension	905 x 305 mm
Tilting range working table	0° - 90°
Sanding belt dimension	2740 x 150 mm
Dust collector plug	Ø 100 mm
Machine dimension	1290 x 585 x 1240 mm
Weight	184 kg
Sound pressure level L_{PA}	90 dB (A)

12 SAFETY

12.1 Intended Use

The machine must only be used for its intended purpose! Any other use is deemed to be a case of misuse.

To use the machine properly you must also observe and follow all safety regulations, the assembly instructions, operating and maintenance instructions lay down in this manual.

All people who use and service the machine have to be acquainted with this manual and must be informed about the machine's potential hazards.

It is also imperative to observe the accident prevention regulations in force in your area.

The same applies for the general rules of occupational health and safety.

The machine is used for:

Sanding of wood and other wood-like materials / e.g. fiberboard, chipboard, plywood boards, laminated and non-laminated boards/ over flat or cylindrical sanding units.

Any manipulation of the machine or its parts is a misuse, in this case **HOLZMANN-MASCHINEN and its sales partners cannot be made liable for ANY direct or indirect damage.**



WARNING

- **Use only abrasive allowable for this machine!**
 - **Never use a damaged abrasive!**
 - **Use the machine never with defective or without mounted guard**
- HIGHEST RISK OF INJURY!**

Ambient conditions

The machine may be operated:

humidity

max. 70%

temperature

+5°C to +40°C (+41°F to +104°F)

The machine shall not be operated in areas exposed to increased fire or explosion hazard.

Prohibited use

- The operation of the machine outside the stated technical limits described in this manual is forbidden.
- Operation of the machine function without emergency device is prohibited.
- The use of the machine not according with the required dimensions is forbidden.
- The use of the machine not being suitable for the use of the machine and not being certified is forbidden.
- Any manipulation of the machine and parts is forbidden.
- The use of the machine for any purposes other than described is forbidden.
- The unattended operation on the machine during the working process is forbidden!
- It is not allowed to leave the immediate work area during the work is being performed.

12.2 Security instructions

Missing or non-readable security stickers have to be replaced immediately!

The locally applicable laws and regulations may specify the minimum age of the operator and limit the use of this machine!

To avoid malfunction, machine defects and injuries, read the following security instructions!



- **Keep your work area dry and tidy! An untidy work area may cause accidents. Avoid slippery floor.**



- **Make sure the work area is lighted sufficiently**
- **Do not overload the machine**
- **Provide good stability and keep balance all times**



- **Avoid abnormal working postures! Make sure you stand squarely and keep balance at all times.**



- **Keep away from the running abrasive!**
- **Always stay focused when working. Reduce distortion sources in your working environment. The operation of the machine when being tired, as well as under the influence of alcohol, drugs or concentration influencing medicaments is forbidden.**



- **The machine must be operated only by trained persons (knowledge and understanding of this manual), which have no limitations of motor skills compared with conventional workers.**



- **Do not allow other people, particularly children, to touch the machine or the cable. Keep them away from your work area.**



- **Make your workshop childproof.**
- **Make sure there is nobody present in the dangerous area. The minimum safety distance is 2m**



- **Wear suitable work clothes! Do not wear loose clothing or jewelry as they might get caught in moving parts and cause severe accidents! Wear a hair net if you have long hair.**



- **Use personal safety equipment: dust mask, ear protectors and safety goggles when working with the machine.**



- **Never leave the machine running unattended! Before leaving the working area switch the machine off and wait until the machine stops.**



- **Always disconnect the machine prior to any actions performed at the machine.**
- **Avoid unintentional starting**



- **Do not use the machine with damaged switch**



- **The plug of an electrical tool must strictly correspond to the socket. Do not use any adapters together with earthed electric tools**



- **Each time you work with an electrically operated machine, caution is advised! There is a risk of electric shock, fire, cutting injury;**



- **Protect the machine from dampness (causing a short circuit)**



- **Use power tools and machines never in the vicinity of flammable liquids and gases (danger of explosion)**



- **Check the cable regularly for damage**



- **When working with the machine outdoors, use extension cables suitable for outdoor use**

- **Do not use the cable to carry the machine or to fix the work piece**

- **Protect the cable from heat, oil and sharp edges**

- **Avoid body contact with earthed**

- **Before starting the machine remove any adjusting wrenches and screwdrivers**

- **Hold the workpiece good with both hands**

- **Rotating parts can cause severe cut injuries**

- **Keep any machine that is not being used out of reach of children**

12.3 Remaining risk factors



WARNING

It is important to ensure that each machine has remaining risks. In the execution of all work (even the simplest) greatest attention is required. A safe working depends on you!

Even if the machine is used as required it is still impossible to eliminate certain residual risk factors totally. The following hazards may arise in connection with the machine's construction and design:

- Risk of injury to the hands / fingers by the rotating sanding belt during operation.
- Risk of injury due to sharp edges of the workpiece, especially in non-fixed with a suitable tool / device workpiece.
- Risk of injury: hair and loose clothing, etc. can be captured and wound up! Safety regulations must be observed with regard to clothing.
- Risk of injury due to contacting with live electrical components.
- Risk of injury due to breakage or cracking of the abrasive
- Risk of injury due to dust emissions, treated with harmful agents workpieces
- Risk of injury to the eye by flying debris, even with safety goggles.
- Risk of injury to the hearing by prolonged labor without hearing protection.
- Risk of injury due to kickback:
Kickback is a sudden reaction this causes the ejection of the workpiece to the direction of the operator.

These risk factors can be minimized through obeying all security and operation instructions, proper machine maintenance, proficient and appropriate operation by persons with technical knowledge and experience.

13 ASSEMBLY

13.1 Preparatory activities

13.1.1 Delivery content

Check right after receiving the machine, whether all parts according to the parts list are complete and without damage. Each visible defect and in particular wrong amounts and transport damages must be clearly noted on the delivery documents, otherwise the goods shall be considered as taken over and fully accepted under the sole responsibility of the customer.

13.1.2 Workplace requirements

The workplace has to fulfill the requirements.

The ground has to be even, in level and hard. It must be suitable at least to weight it with double weight per square meter than the machines net weight.

The chosen workplace must have access to a suitable electric supply net hat complies with the machines requirements.

13.1.3 Transport

The machine can be transported in package with a forklift.

The machine is very heavy. The machine shall be lifted from crate with a suitable lifting device only that is certified to be able to carry the machines load.



WARNING

The lifting and transportation of the machine must only be carried out by qualified staff and must be carried out with appropriate equipment.

Note that lifting equipment used (crane, forklift, sling, etc.) must be in perfect condition. To maneuver the machine in the packaging can also a pallet jack or a forklift be used.

13.1.4 Preparation of the surface

Uncoated metal machine parts have been insulated with a greasy layer to inhibit corrosion.

This layer has to be removed. You can use standard solvents that do not damage the machine surface.



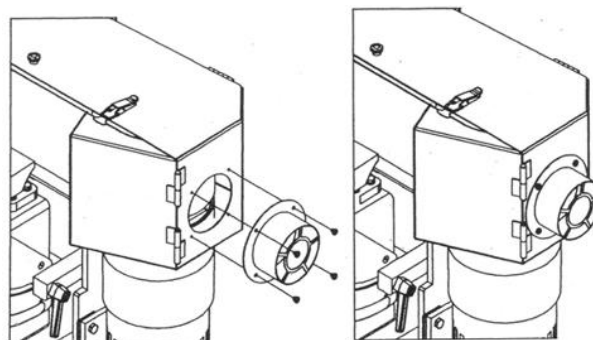
NOTICE

Do not use solvents based on nitrite, aggressive solvents like break cleaners or scrubbing agents!

These damage the machine surface.

13.1.5 Dust collector plug

Mount the dust collector plug as shown in the below pictures.



13.2 Power supply



ATTENTION

**When working with non-grounded machines:
Severe injury or even death may arise though electrocution!**

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 mains supply must be secured with 16A:
3. If the connector plug doesn't fit or if it is defect, only qualified electricians may modify or re-new it!
4. The grounding wire should be held in green-yellow.
5. A damaged cable has to be exchanged immediately!
6. Check, whether the feeding voltage and the Hz comply to the required values of the machine. A deviation of feeding voltage of $\pm 5\%$ is allowed (e.g.: a machine with working voltage of 380V can work within a voltage bandwidth of 370 till 400V.
7. After connecting, check the right running direction!
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

Operation is only allowed with safety switch against stray current (RCD max. stray current of 30mA)



NOTICE

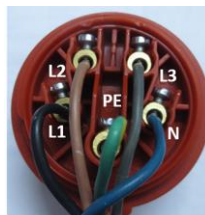
Use only permitted extension cable with cross-section the one in the following table declared.



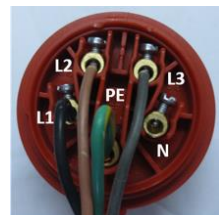
Voltage	Extension	Cross-section
220 V-240 V 50 Hz	<27 m	1,5 mm ²
	<44 m	2,5 mm ²
	<70 m	4,0 mm ²
	<105 m	6,0 mm ²

Plug 400V:

5-wire:
with
N-conductor



4-wire:
without
N-conductor



14 OPERATION

Device to be operated in a perfect state only. Inspect the device visually every time it is to be used. Check in particular the safety equipment, electrical controls, electric cables and screwed connection for damage and if tightened properly. Replace any damaged parts before operating the device.

14.1 Operation instructions

	WARNING Perform all machine settings with the machine being disconnected from the power supply!	
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	NOTICE Check before starting work: • All cables and plugs • Table and safety fence on tight fit • The free and centered run of sanding belt The sanding: • Always use the proper, located in perfect condition abrasives. (Change wear of abrasives immediately!) With abrasive in good condition you obtain a good grinding result. • Do not exert too much pressure to the sanding abrasive • The machine has no clamp opportunity, so it is important, as the whole area hang up the work piece on the worktable and maintain a firm grip!
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14.2 Switch unit

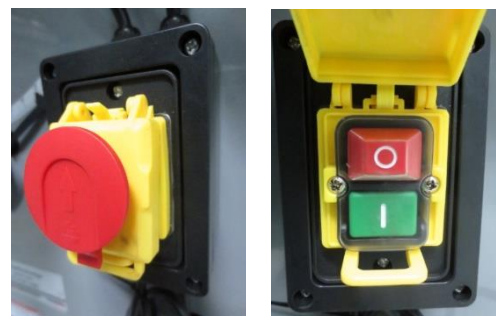
If you want to press the **ON OFF** switch, the combined **EMERGENCY STOP** switch must be lifted.

ON-OFF switch:

Press green button (**I**): turn on

Press red button (**O**): turn off

The flap of the switch unit must not be engaged during operation!



INFO:

When closed, the main switch can be operated as an EMERGENCY STOP switch

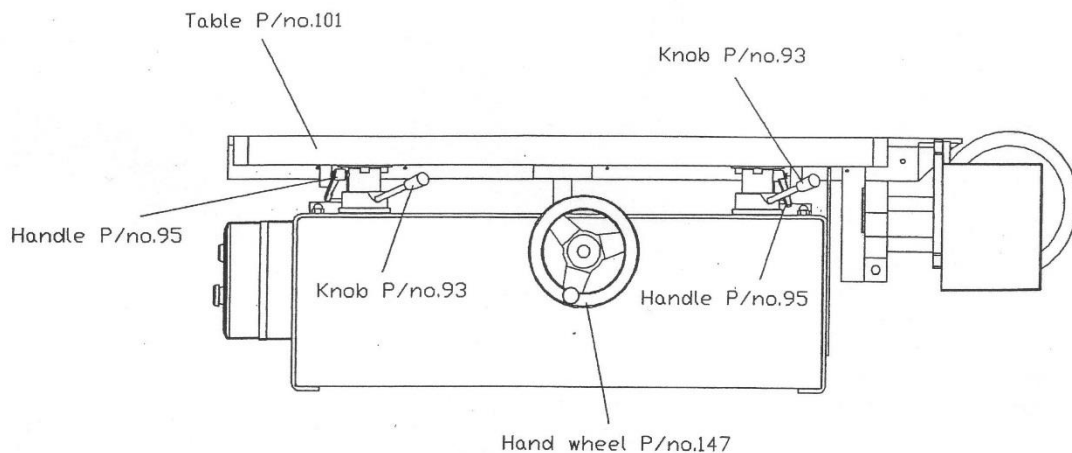
EMERGENCY-switch:

For emergencies push on the red cap. The machine switched off immediately!

14.3 Operating

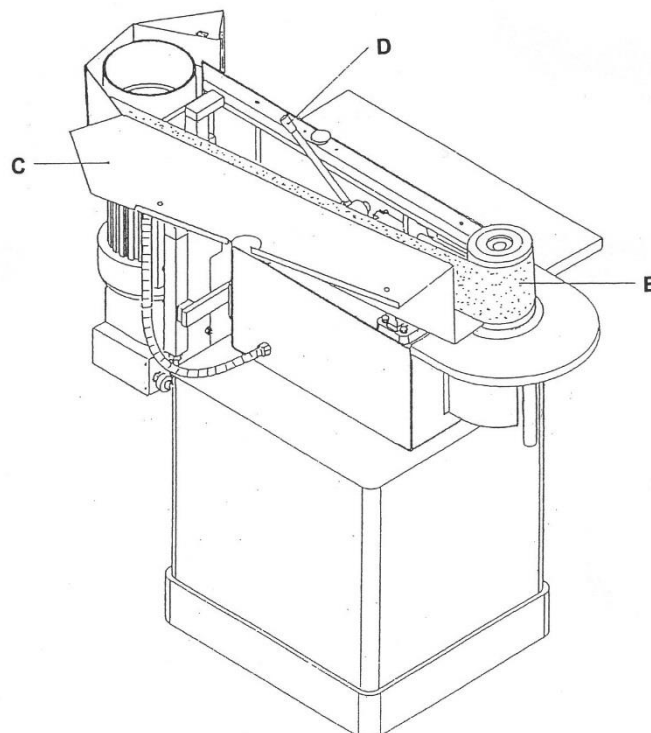
14.3.1 Height adjustment work table

- Loosen the handles P/no.95 and knobs P/no.93.
- Turn the hand wheel P/no.147 to set the desired height
- Lock the handles P/no.95 and knobs P/no.93 again for insure the work table stability



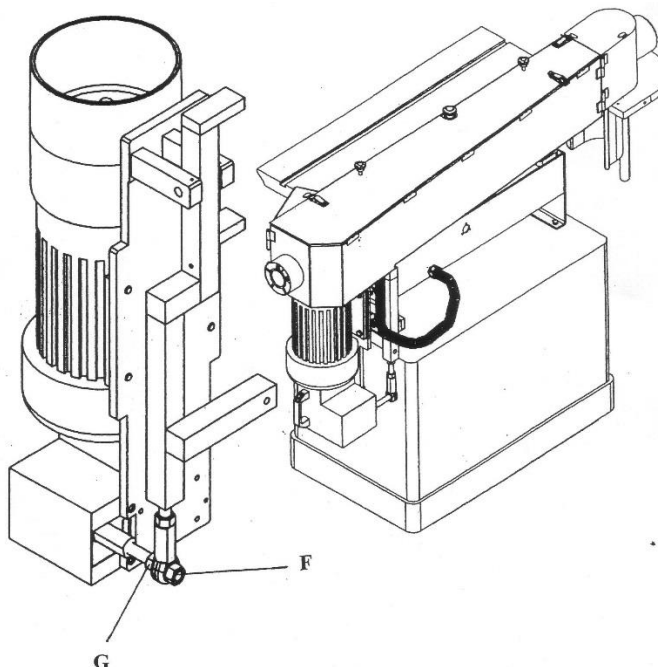
14.3.2 Change the sanding belt

- Open the sanding belt cover (C)
- Rise up the handle bar (D) for releasing the sanding belt (E)
- Take off the sanding belt and change a new one (Make sure that the direction arrow on sanding belt matches the running direction of the machine)
- Push back the handle bar (D) for tighten up the sanding belt



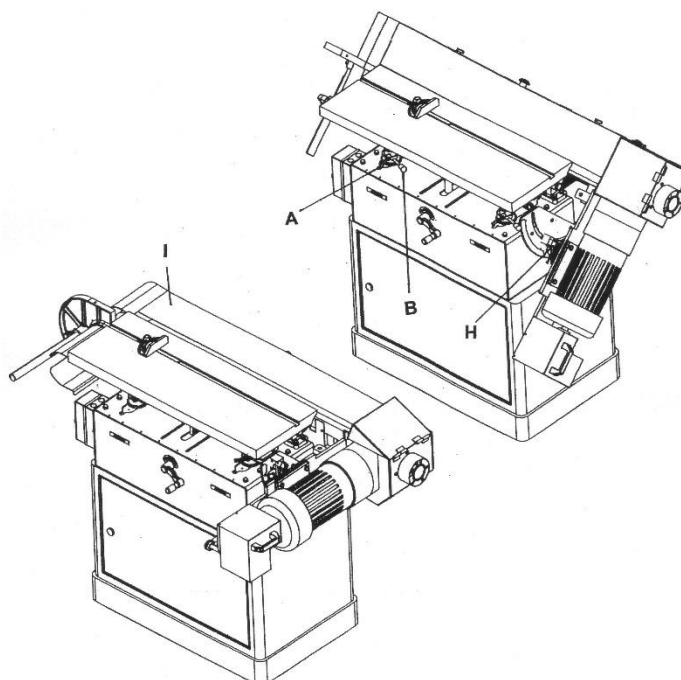
14.3.3 Belt tracking adjustment

- Switch off the machine
- Check the belt tracking
- Push the belt by hand from left to right (the direction indicated to the direction arrow) and observe the belt's position on the rollers and set the tracking with the set screws (F and G)



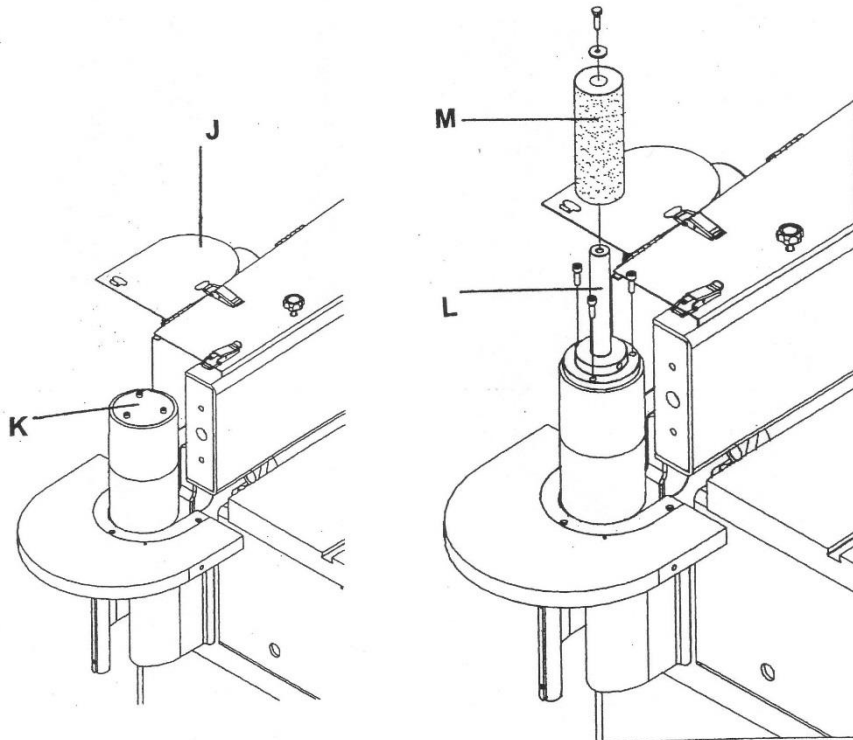
14.3.4 Angle adjustment sanding unit

- The sanding unit can be set from 90° to 0°
- Loosen the two knobs (A) and (B) to pull the work table in backward position
- Loosen the adjusting knob (H) at the scale and set the table to the desired position. Then relock the adjusting knob (H) to fix the sanding unit.
- Tighten the two knobs (A) and (B) for insure the sanding unit stability



14.3.5 Curve sanding

- Open the roller cover (J) and fasten it in clamp position
- Loosen the socket screw on the cover (K)
- Remove the cover and mount the spindle for sanding cylinder (L)
- Insert the sanding cylinder (M) on the spindle and fix it with the screw.



IMPORTANT: The roller cover with dust collector plug must always be closed if the extension table is not in use!

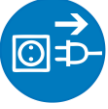
WARNING

Do not position table below sanding belt!
Keep an overlap of at least 2mm between table and sanding belt to avoid material and/or fingers getting caught!
Failure to comply may cause serious injury!

WARNING

Removing the belt guard exposes more of the sanding belt!
Replace the belt guards immediately after completing any sanding that requires its removal!
Failure to comply may cause serious injury!

15 MAINTENANCE

	ATTENTION Perform all maintenance machine settings with the machine being disconnected from the power supply! Serious injury due to unintentional or automatic activation of the machine!	
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The machine does not require extensive maintenance. If malfunctions and defects occur, let it be serviced by trained persons only.

Check regularly the condition of the security stickers. Replace them if required.

Check regularly the condition of the machine.

NOTICE Clean your machine regularly after every usage – it prolongs the machines lifespan and is a prerequisite for a safe working environment. Repair jobs shall be performed by respectively trained professionals only!

Store the machine in a closed, dry location.

Untighten the tension of the sanding belt!

15.1 Maintenance plan

After each workshift:

- Remove chips and sanding dust from the device
- Clean the housing if necessary

15.2 Cleaning

	NOTICE The usage of certain solutions containing ingredients damaging metal surfaces as well as the use of scrubbing agents will damage the machine surface! Clean the machine surface with a wet cloth soaked in a mild solution
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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 TROUBLE SHOOTING

BEFORE YOU START WORKING FOR THE ELIMINATION OF DEFECTS, DISCONNECT THE MACHINE FROM THE POWER SUPPLY.

Trouble	Possible cause	Solution
Machine stops or will not start	▪ ON/OFF-switch damaged ▪ Saw unplugged ▪ Overload tripped ▪ Fuse blown or circuit breaker tripped ▪ Cord damaged	▪ Check the switch ▪ Check all power connections ▪ Allow motor to cool and reset by pushing off switch ▪ Change fuse or reset circuit brake ▪ Change cable
Machine slows down during working	▪ Exerting too much pressure to the sanding abrasive	▪ Exert less pressure on the work piece
Bad grinding results	▪ Abrasive too coarse-grained	▪ Use less coarsed abrasive
To rapid wear of	▪ Abrasive too fine-grained	▪ Use more coarsed abrasive
Grinding angle is wrong	▪ Adjusted angle is wrong	▪ Readjust the angle
Sanding belt runs in wrong direction	▪ Power supply	▪ Change Phases (only 400V)
Sanding belt runs out of sanding belt bed	▪ Sanding belt is mounted wrong	▪ Mount the sanding belt centrally
Work piece burns during the working process	▪ Abrasive is dirty from oil ▪ Too much pressure	▪ Change abrasive ▪ Reduce pressure

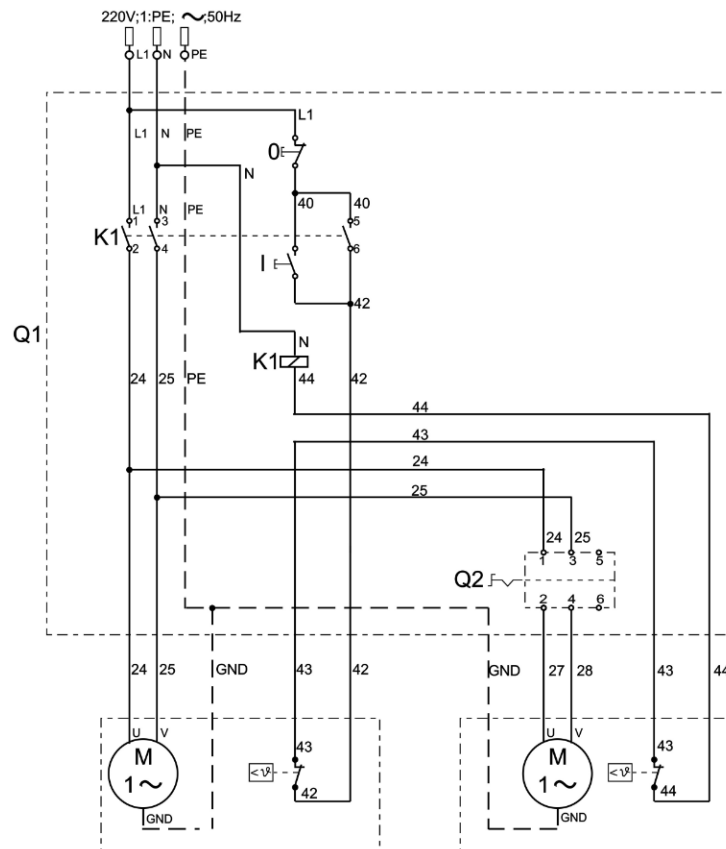
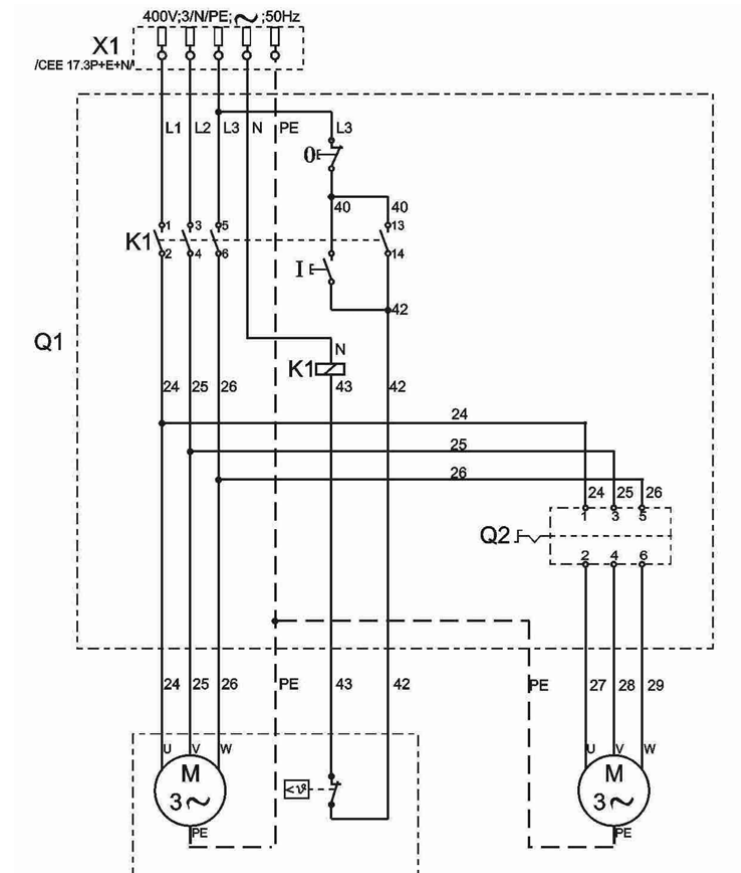
MANY POTENTIAL SOURCES OF ERROR CAN BE CLEARED BY THE EXPERTLY CONNECTION TO THE ELECTRICITY GRID.



NOTICE

Should you in necessary repairs not able to properly to perform or you have not the prescribed training for it always attract a workshop to fix the problem.

25 SCHALTPLAN / WIRING DIAGRAM / SCHEMA ELECTRIQUE



26 ERSATZTEILE / SPARE PARTS / PIÈCES DE RECHANGE

26.1 Ersatzteilbestellung / spare parts order / Commande de pièces détachées

Mit HOLZMANN-Ersatzteilen verwenden Sie Ersatzteile, die ideal aufeinander abgestimmt sind. Die optimale Passgenauigkeit der Teile verkürzen die Einbauzeiten und erhöhen 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, das Sie am Ende dieser Anleitung finden. Geben Sie stets Maschinentype, 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 products lifespan.

IMPORTANT

The installation of other than original spare parts voids the warranty!

So you always have to use original spare parts

When you place a spare parts order please use the service formular you can find in the last chapter of this manual. Always take a note of the machine type, spare parts number and partname. We recommend to copy the spare parts diagram and mark the spare part you need.

[You find the order address in the preface of this operation manual.](#)

(FR) Les pièces de rechange Holzmann sont conçues pour correspondre idéalement. La précision d'ajustage optimale des pièces réduisent les temps de pose et augmente la durée de vie.

AVIS

Le montage de pièces autres que les pièces de rechange d'origine entraîne la perte de la garantie !

Par conséquent, la règle est la suivante : Utiliser uniquement des pièces de rechange d'origine pour le remplacement des composants/pièces

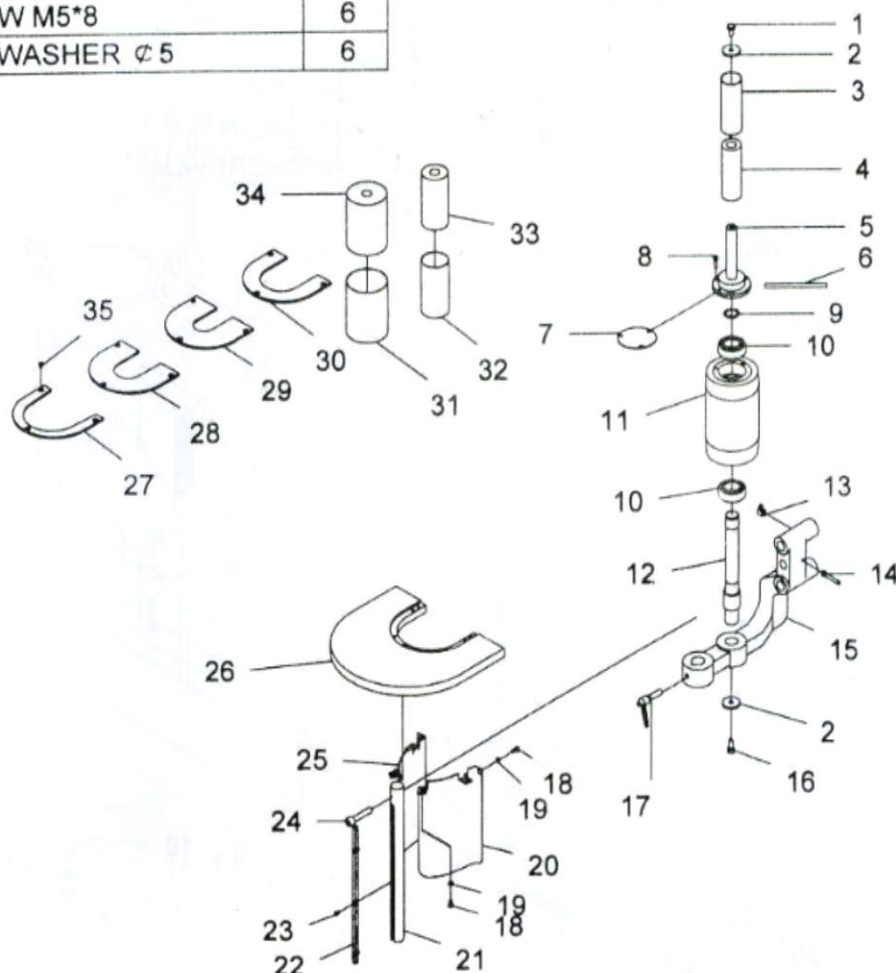
Pour commander des pièces de rechange, veuillez utiliser le formulaire de service à la fin de ces instructions. Toujours indiquer le type de machine, le numéro de pièce de rechange et la désignation. Afin d'éviter tout malentendu, nous vous recommandons de joindre une copie du plan des pièces détachées à la commande de pièces détachées, sur laquelle les pièces détachées requises sont clairement indiquées.

[Pour l'adresse de commande, voir Adresses du service à la clientèle dans l'avant-propos de la présente documentation.](#)

26.2 Explosionszeichnung / explosion drawing / Vue éclatée

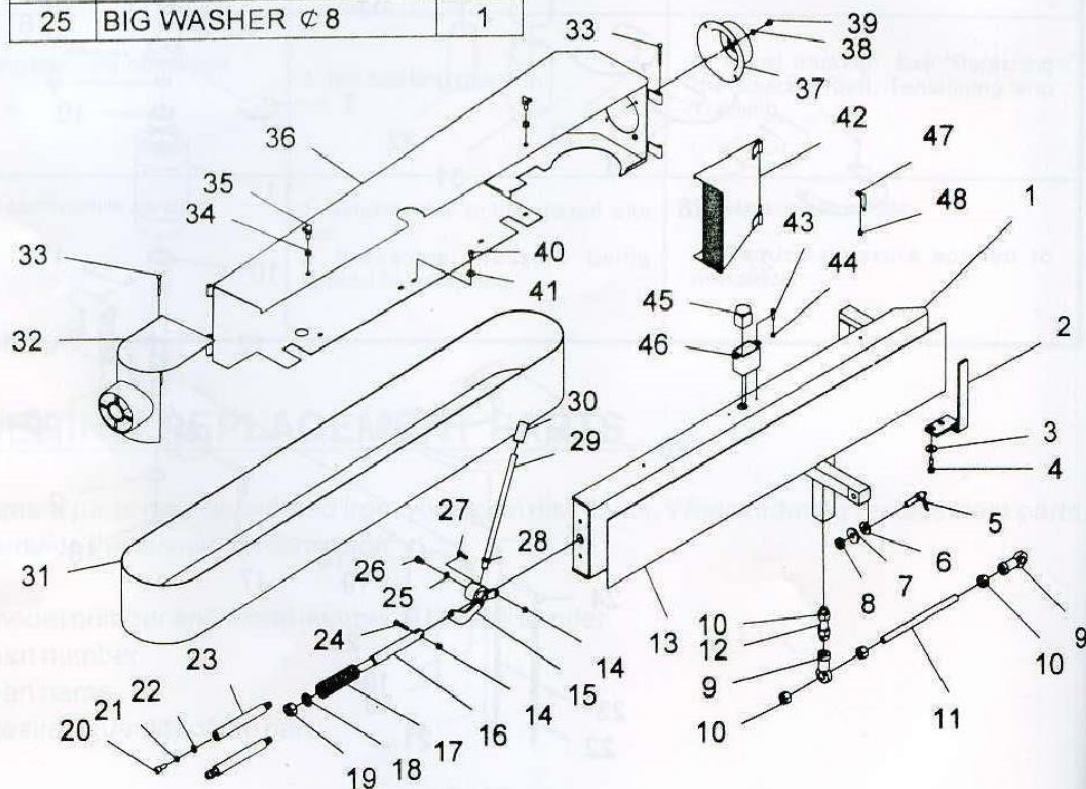
U TABLE

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	SCREW M8*15	1	20	U-BLOCK I	1
2	BIG WASHER	2	21	U-TABLE SPINDLE	1
3	DRUM SANDING PAPER ø 38	1	22	KEY	1
4	RUBBER DRUM ø 38	1	23	SCREW M4*10	3
5	SANDING DRUM SPINDLE	1	24	SCREW M10*20	1
6	ROD	1	25	U-BLOCK II	1
7	IDLER ROLLER COVER	1	26	U-TABLE	1
8	SCREW M6*15	3	27	U-TYPE PACKING III	1
9	RING ø 25	1	28	U-TYPE PACKING II	1
10	BALL BEARING 6205	2	29	U-TYPE PACKING I	1
11	IDLER ROLLER	1	30	U-TYPE PACKING IV	1
12	IDLER ROLLER SPINDLE	1	31	DRUM SANDING PAPER ø 50	1
13	OIL CUP	2	32	DRUM SANDING PAPER ø 76	1
14	SCREW M6*45	1	33	RUBBER DRUM ø 50	1
15	IDLER ROLLER BRACKET	1	34	RUBBER DRUM ø 76	1
16	SCREW M8*25	1	35	SET SCREW M5*10	3
17	HANDLE	1			
18	SCREW M5*8	6			
19	FLAT WASHER ø 5	6			



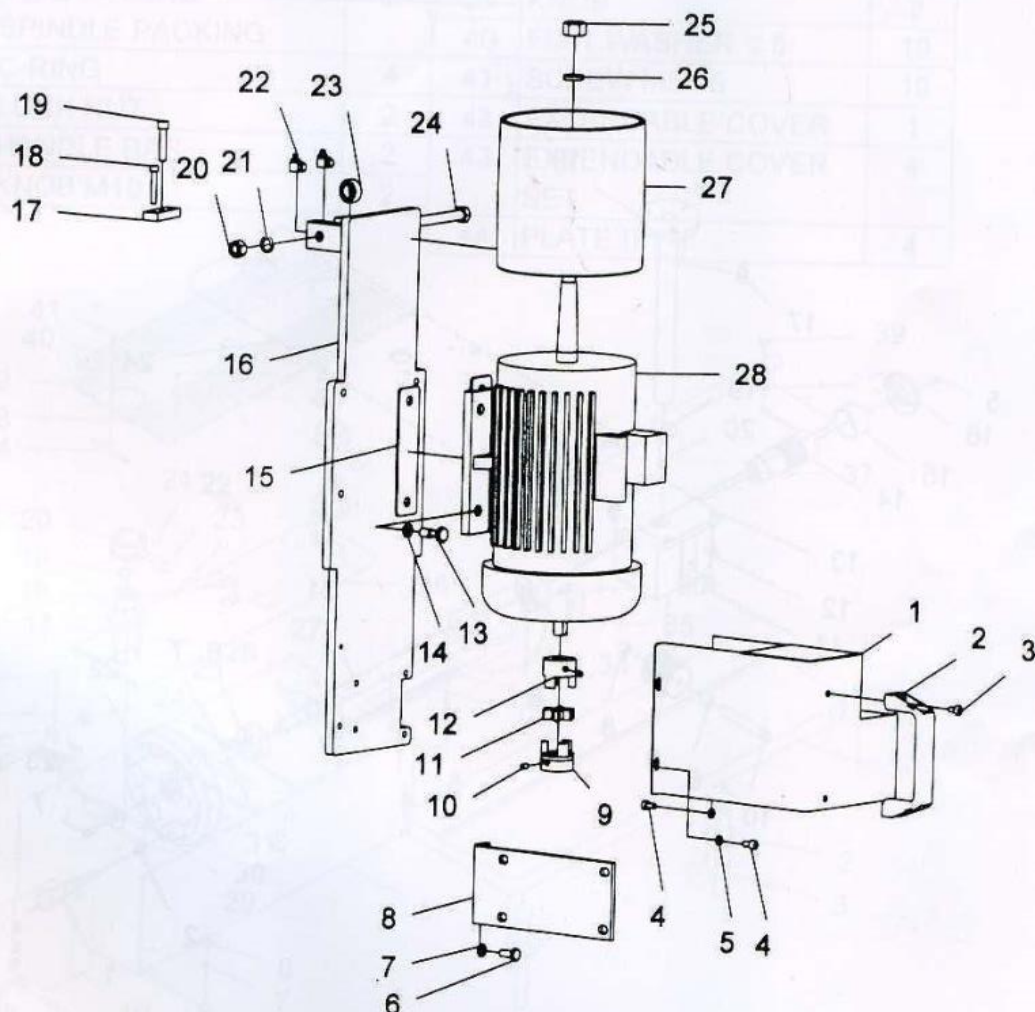
BELT TABLE

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	PLATEN	1	26	SCREW M8*12	1
2	PLATEN TABLE	1	27	SCREW M6*20	1
3	FLAT WASHER 8	2	28	NUT M12	1
4	BOLT M8*12	2	29	HANDLE BAR	1
5	HANDLE	1	30	HANDLE KNOB M12	1
6	OUTER WASHER	1	31	SANDINGBELT PAPER	1
7	IN WASHER	1	32	PACKING WASHER	1
8	SWIVEL PACKING	1	33	RESEMBLE	1
9	BALL BEARING	2	34	NUT M8	2
10	NUT M14	5	35	KNOB	2
11	LONG SCREW	1	36	PLATEN COVER	1
12	SHORT SCREW	1	37	PACKING WASHER	1
13	GRAPHITE PAPER	1	38	FLAT WASHER $\varnothing 6$	4
14	SPECIAL NUT M6	2	39	SCREW M6*10	4
15	LINK PLATE	1	40	SCREW M6*8	4
16	SPINDLE	1	41	FLAT WASHER $\varnothing 6$	4
17	SPRING	1	42	PACKING WASHER	1
18	FLAT WASHER $\varnothing 16$	1	43	SCREW M5*20	2
19	NUT M16	1	44	NUT M5	2
20	SCREW M8*25	4	45	STOP SWITCH	1
21	LOCK WASHER $\varnothing 8$	4	46	SWITCH COVER	1
22	FLAT WASHER $\varnothing 8$	4	47	POINTER	1
23	FIXING SPINDLE	2	48	SCREW M5*8	1
24	SCREW M6*25	1			
25	BIG WASHER $\varnothing 8$	1			



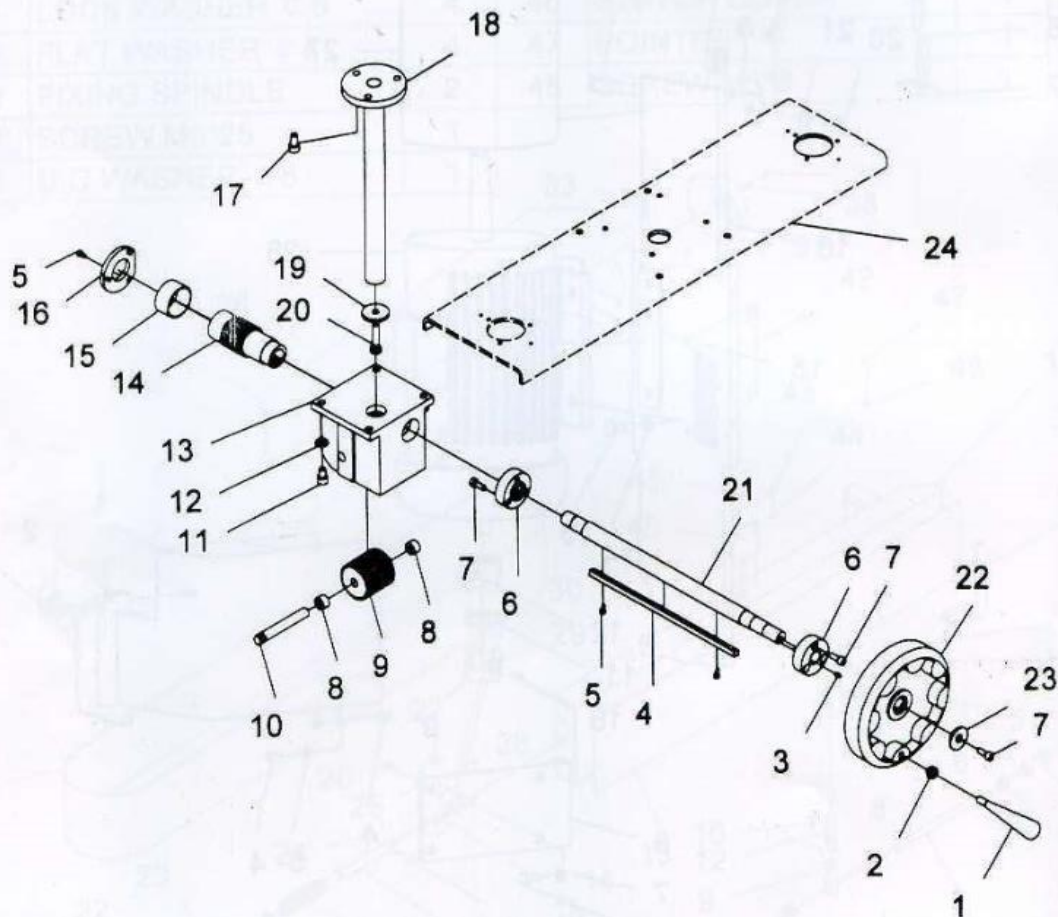
MOTOR

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	GEAR BOX COVER	1	15	MOTOR PLATE	2
2	HANDLE	1	16	MOTOR BRACKET	1
3	SET SCREW M6*15	2	17	PLATE	1
4	SCREW M6*15	4	18	SCREW M6*40	2
5	FLAT WASHER $\varnothing 6$	4	19	SCREW M8*25	1
6	BOLT M8*20	2	20	SPECIAL NUT M12	1
7	FLAT WASHER $\varnothing 8$	2	21	FLAT WASHER $\varnothing 12$	1
8	GEAR BOX FIXING PLATE	1	22	OIL CUP	2
9	UNIVERSIAL JOINTER	1	23	THRUST BALL BEARING 51101	2
10	SET SCREW M8*8	2	24	THRUST SPINDLE	1
11	UNIVERSIAL JOINTER WASHER	1	25	NUT M16*1.5	1
12	UNIVERSIAL JOINTER	1	26	LOCK WASHER $\varnothing 16$	1
13	BOLT M10*25	4	27	DRIVE ROLLER	1
14	LOCK WASHER $\varnothing 10$	4	28	MOTOR	1



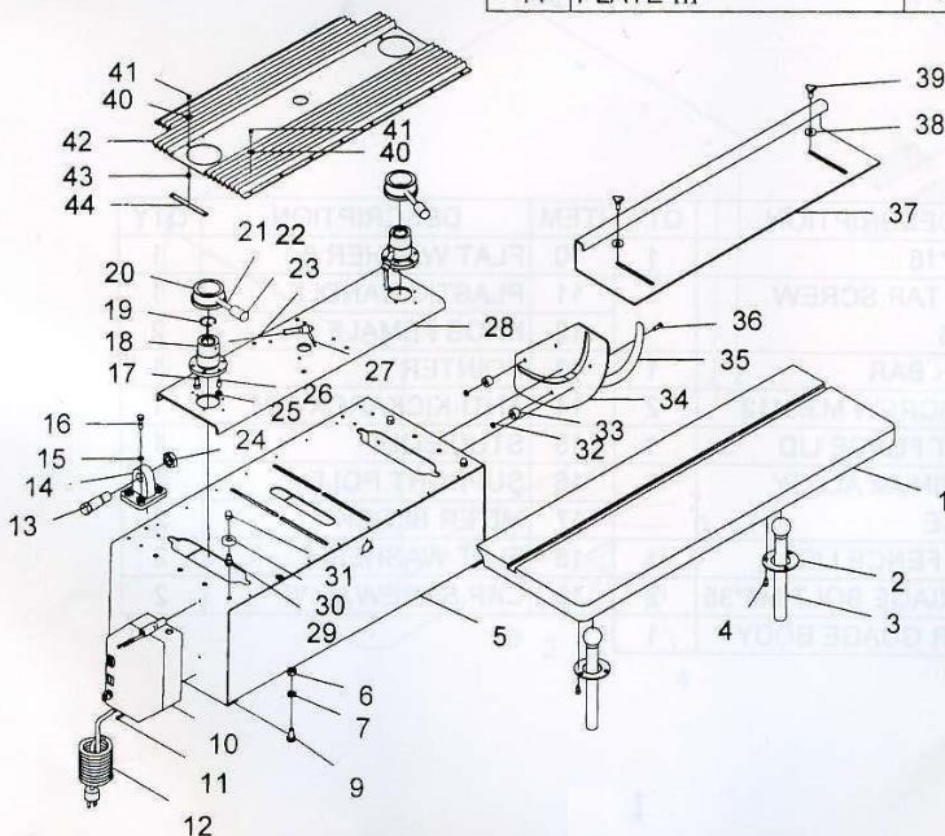
GEAR BOX I

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	HANDLE	1	13	TURBINE BOX	1
2	NUT M8	1	14	TURBINE ROD	1
3	KEY 5*5*20	1	15	KNOT	1
4	KEY 8*7	1	16	PLATE	1
5	SCREW M4*10	6	17	SCREW M8*20	3
6	PLATE	2	18	ADJUSTING SCREW	1
7	SCREW M6*15	7		SPINDLE	
8	KNOT	2	19	BIG WASHER	1
9	GEAR	1	20	BOLT M6*12	1
10	SHAFT	1	21	SHAFT	1
11	SCREW M8*15	4	22	HANDLE WHEEL	1
12	LOCK WASHER $\varnothing 8$	4	23	WASHER	1
			24	ADJUSTING PLATE	1

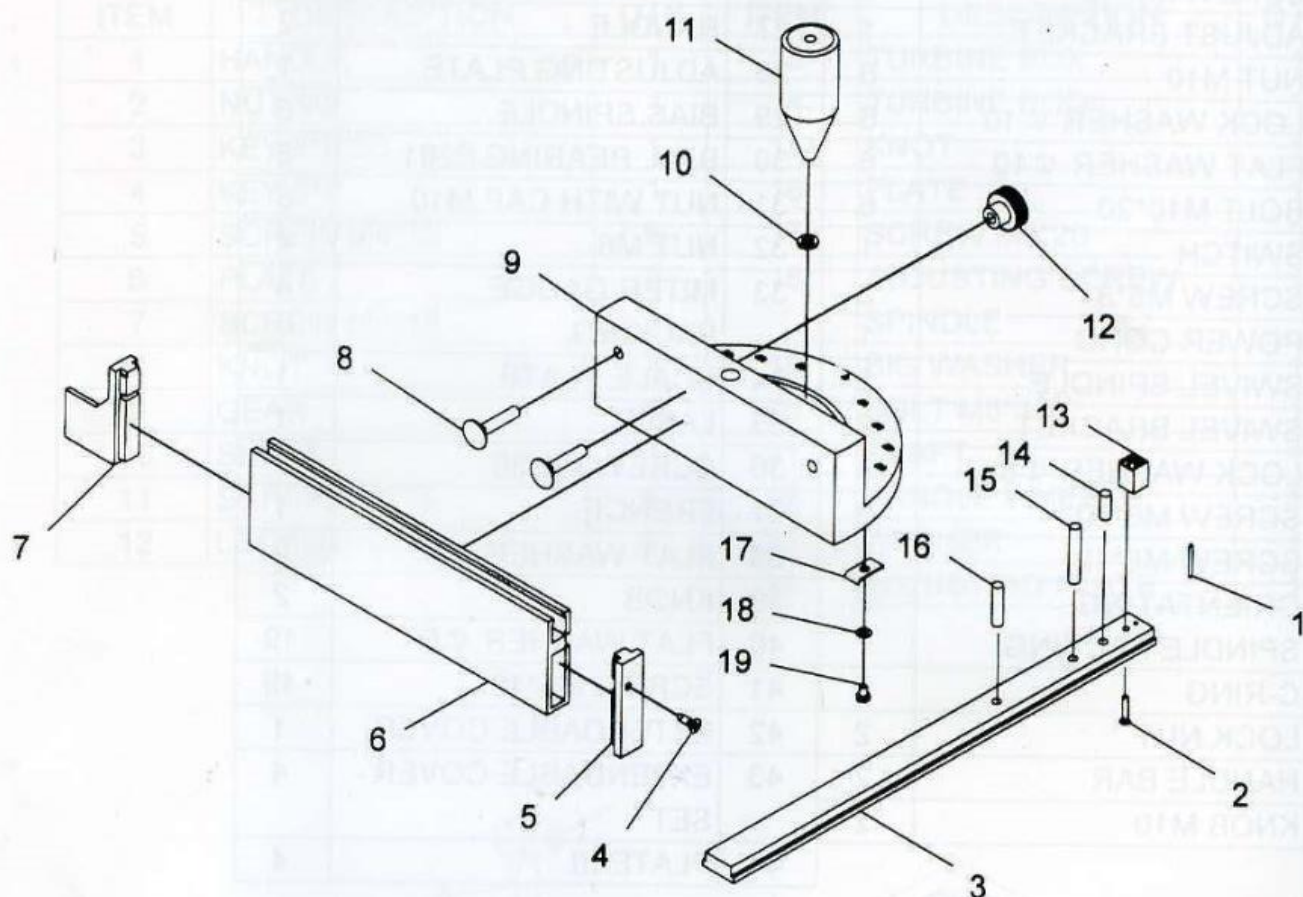


ADJUSTING BRACKET

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	TABLE	1	23	Cu TRAY	2
2	SUPPORT PLATE	2	24	SPECIAL NUT M18	2
3	SUPPORT	2	25	NUT M8	6
4	SCREW M8*12	6	26	SET SCREW M8*20	6
5	ADJUST BRACKET	1	27	HANDLE	2
6	NUT M10	6	28	ADJUSTING PLATE	1
7	LOCK WASHER $\varnothing$ 10	6	29	BIAS SPINDLE	8
8	FLAT WASHER $\varnothing$ 10	6	30	BALL BEARING 6201	8
9	BOLT M10*20	6	31	NUT WITH CAP M10	8
10	SWITCH	1	32	NUT M6	4
11	SCREW M5*8	2	33	MITER GAUGE PACKING	4
12	POWER CORD	1	34	SCALE PLATE	1
13	SWIVEL SPINDLE	2	35	LABLE	1
14	SWIVEL BRACKET	2	36	SCREW M6*30	4
15	LOCK WASHER $\varnothing$ 8	8	37	FRENCE	1
16	SCREW M8*20	8	38	FLAT WASHER $\varnothing$ 8	2
17	SCREW M8*12	6	39	KNOB	2
18	ORIENTATING SPINDLE PACKING	2	40	FLAT WASHER $\varnothing$ 5	19
19	C-RING	4	41	SCREW M5*15	19
20	LOCK NUT	2	42	EXTENDABLE COVER	1
21	HANDLE BAR	2	43	EXTENDABLE COVER SET	4
22	KNOB M10	2	44	PLATE III	4



FENCE



ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	PIN 2*16	1	10	FLAT WASHER 8	1
2	SELF TAP SCREW M3*15	1	11	PLASTIC HANDLE	1
3	MITER BAR	1	12	KNOB FEMALE M6	2
4	TAP SCREW M3.5*12	2	13	POINTER	1
5	RIGHT FENCE LID	1	14	ANTI-KICKARCK PIM	1
6	ALUMINUM ALLOY FENCE	1	15	STUD BOLT	1
7	LEFT FENCE LID	1	16	SUPPORT POLE	1
8	CARRIAGE BOLT M6*35	2	17	MITER BLOCK	2
9	MITER GAUGE BODY	1	18	FLAT WASHER 4	2
			19	CAP SCREW M4*6	2

**27 EG-KONFORMITÄTSERKLÄRUNG / CE-CERTIFICATE OF CONFORMITY /
DECLARATION DE CONFORMITE CE**

	Inverkehrbringer / Distributor
	HOLZMANN MASCHINEN® GmbH 4170 Haslach, Marktplatz 4, AUSTRIA Tel.: +43/7289/71562-0; Fax.: +43/7289/71562-4 www.holzmann-maschinen.at
Bezeichnung / name / Désignation	
RECTIFIEUSE D'ARÊTE OSCILLANTE / BELT SANDING MACHINE WITH OSCILLATION	
Typ / model / Type	
KOS 2740C	
EG-Richtlinien / EC-directives / Directives CE	
•2006/42/EC ; •2014/30/EC	
Angewandte Normen / applicable Standards / Normes applicables	
•EN 12100-1, •EN 12100-2, •EN 349, •EN 55015, •EN 60204-1	

(DE) 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.

(EN) 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.

(FR) Nous déclarons par la présente qu'en raison de leur conception, les machines susmentionnées dans la version que nous commercialisons sont conformes aux exigences fondamentales de sécurité et de santé des directives CE mentionnées. Cette déclaration perd sa validité en cas de modifications non convenues avec nous apportées à la machine.

Technische Dokumentation
HOLZMANN-MASCHINEN GmbH
4170 Haslach, Marktplatz 4

Haslach, 12.08.2016
Ort / Datum place/date



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DI (FH) Daniel Schörgenhuber
Geschäftsführer / Director