

Originalfassung

DE BETRIEBSANLEITUNG

Übersetzung / Translation

EN USER MANUAL

FR MANUEL D'UTILISATION

CZ NÁVOD NA OBSLUHU

IT ISTRUZIONI PER L'USO

NL HANDLEIDING

ES MANUAL DE INSTRUCCIONES

BAND - TELLERSCHLEIFER

BELT AND DISC SANDER

PONCEUSE À BANDE ET DISQUE

KOMBINOVANÁ BRUSKA

LEVIGATRICE A NASTRO A DISCO

BAND- EN SCHOTELSLIJPER

LIJADORA BANDA Y DISCO



BT 75



2 SICHERHEITSZEICHEN / SAFETY SIGNS / SIGNALISATION DE SÉCURITÉ / SEÑALES DE SEGURIDAD

DE	SICHERHEITSZEICHEN BEDEUTUNG DER SYMBOLE	EN	SAFETY SIGNS DEFINITION OF SYMBOLS	FR	SIGNALISATION DE SÉCURITÉ DEFINITION DES SYMBOLES
CZ	BEZPEČNOSTNÍ SYMBOLY VÝZNAM	IT	SEGNALI DI SICUREZZA SIGNIFICATO DEI SIMBOLI	NL	VEILIGHEIDSSYMBOLEN BETEKENIS VAN DE SYMBOLEN
ES	SEÑALES DE SEGURIDAD DEFINICIÓN DE SÍMBOLOS				



- DE CE-KONFORM:** Dieses Produkt entspricht den EG-Richtlinien
- EN EC-CONFORM:** This product complies with EC-directives
- FR CE-CONFORME!** – Ce produit est conforme aux normes CE
- CZ CE-SHODA:** Tento výrobek je v souladu se směrnici ES
- IT CONFORMITÀ CE:** Questo prodotto è conforme alle direttive CE
- NL CE-CONFORM:** Dit product voldoet aan de EG-Richtlijnen.
- ES CONFORME-CE:** Este producto cumple con las Directivas 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!** Lire le manuel d'utilisation et de maintenance avec soin permet de se familiariser avec les fonctions en vue d'utiliser correctement la machine afin d'éviter les blessures et le dysfonctionnement de l'appareil.
- CZ PŘEČTĚTE SI TENTO NÁVOD!** Přečtěte si řádně návod na obsluhu a údržbu Vašeho stroje a dobře se seznámte s ovládacími prvky stroje, aby byl tento řádně obsluhován a předešlo se ke škodám na stroji a zraněním osob.
- IT LEGGERE LE ISTRUZIONI!** Leggere attentamente le istruzioni d'uso e di manutenzione della vostra macchina e familiarizzare con gli elementi di comando della macchina per utilizzarla correttamente e per evitare di danneggiare le persone e la macchina stessa.
- NL HANDLEIDING LEZEN!** Lees de gebruiks- en onderhoudsaanwijzingen van uw machine zorgvuldig door en maak u vertrouwd met de bedieningselementen van de machine, om de machine correct te bedienen en zo lichamelijke letsels en materiële schade te voorkomen.
- ES ¡LEA EL MANUAL!** Lea el manual de uso y mantenimiento cuidadosamente y familiarícese con los controles con el fin de utilizar la máquina correctamente, para evitar lesiones y defectos de la máquina.



- 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 ATTENTION!** Ignorer les signes et avertissement de sécurité présent sur la machine ainsi qu'ignorer les instructions présentes dans ce manuel peut causer des blessures graves et même conduire à la mort.
- CZ VÝSTRAHA!** Dbejte bezpečnostních symbolů! Nedodržování předpisů a pokynů může vést k těžkým poraněním osob nebo dokonce smrtelným úrazům.
- IT AVVERTENZA!** Osservare i simboli di sicurezza! La mancata osservanza delle norme e avvertenze per l'uso della macchina può comportare danni personali gravi e pericoli mortali.
- NL WAARSCHUWING!** Neem de veiligheidssymbolen in acht! Het niet in acht nemen van de voorschriften en aanwijzingen voor het gebruik van de machine kan tot ernstige lichamelijke letsels en dodelijke gevaren leiden.

ES **¡ATENCIÓN!** Ignorar las señales de seguridad y advertencias indicadas en la máquina, así como ignorar las instrucciones de seguridad y el manual de instrucciones, pueden causar lesiones graves e incluso conducir a la muerte.



DE **Allgemeiner Hinweis**
EN **General note**
FR **Note générale**
CZ **Všeobecný pokyn**
IT **Avvertenza generale**
NL **Algemene aanwijzingen**
ES **Notas generales**



DE **Schutzausrüstung tragen!**
EN **Protective clothing!**
FR **Porter un équipement de sécurité!**
CZ **Používejte ochranné prostředky!**
IT **Indossare i dispositivi di protezione!**
NL **Beschermende uitrusting dragen!**
ES **¡Use equipos de protección!**



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 **Débrancher la machine du secteur avant chaque entretien, activités similaires ou pause. Mettre l'interrupteur sur « arrêt » avant de débrancher l'alimentation!**
CZ **Stroj před úkonem údržby nebo před přestávkou v práci vypněte a odpojte ze sítě!**
IT **Spegnere la macchina prima della manutenzione e delle pause e scollegare la spina di rete!**
NL **Machine vóór onderhoud en pauzes uitschakelen en stekker uittrekken!**
ES **¡Apague y desconecte la máquina antes de hacer mantenimiento o pausa!**



DE **Feuer, offenes Licht und Rauchen verboten!**
EN **Fire, naked flame and smoking forbidden!**
FR **Interdiction de fumer proche de la machine. De même, feu, flammes,... sont aussi interdit proche de la machine !**
CZ **Oheň, otevřený oheň a kouření zakázáno!**
IT **Sono vietati fuoco, fiamme libere e fumare!**
NL **Vuur, open licht en roken verboden!**
ES **Prohibido el fuego, llamas y fumar cerca de la máquina!**



DE **Gefährliche elektrische Spannung!**
EN **High voltage!**
FR **Haut voltage!**
CZ **Vysoké napětí!**
IT **Tensione elettrica pericolosa!**
NL **Gevaarlijke elektrische spanning!**
ES **¡Voltaje peligroso!**

10 PREFACE (EN)

Dear Customer!

This manual contains information and important instructions for the installation and correct use of the belt and disc sander BT 75.

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.

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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

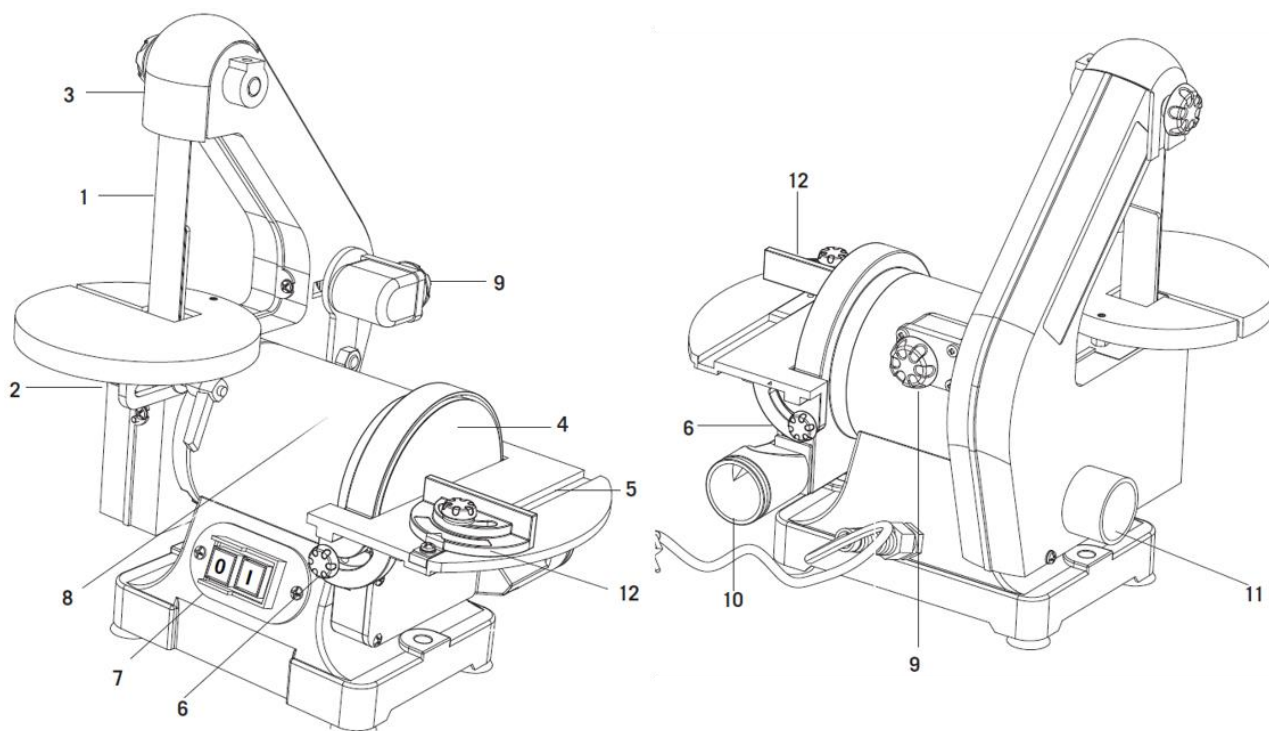
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info@holzmann-maschinen.at

11 TECHNIC

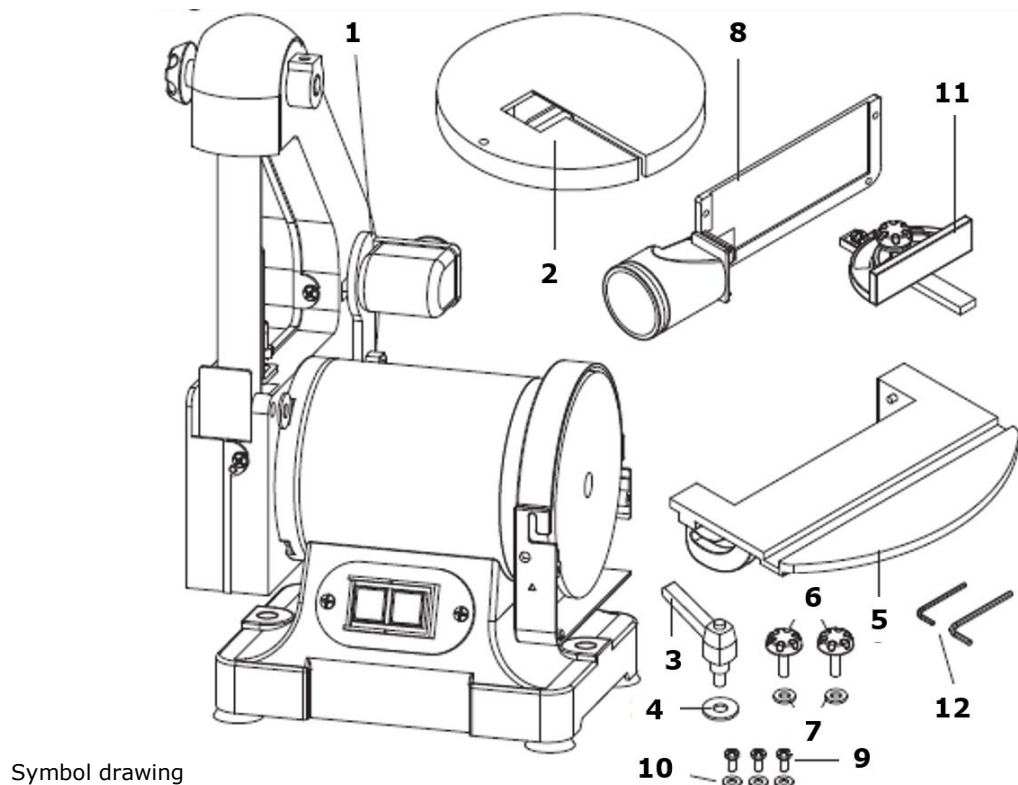
11.1 Components



symbol drawing

BT 75			
1	Grinding belt	7	ON/OFF switch
2	Grinding belt table	8	Motor
3	Grinding protection	9	Grinding belt adjustment screw
4	Grinding disc	10	Dust collector plug disc grinder Ø 38mm
5	Grinding table (disc grinder) adjustable	11	Dust collector plug belt grinder Ø 38mm
6	Grinding table adjustment	12	Angle stop

11.2 Delivery content



Symbol drawing

1	Machine	7	Washer
2	Grinding belt table	8	Dust collector plug
3	Locking lever grinding belt table	9	Screws dust collector plug
4	Washer	10	Washers
5	Table (disc grinder)	11	Angle stop
6	Locking screws (Table disc grinder)	12	Tools

11.3 Technical details

Voltage	230 V / 50Hz
Motor power	250 W
Belt speed	914 min ⁻¹
Belt size	25 x 760 mm
Belt table size	128 x 128 mm
Disc speed	2950 min ⁻¹
Disc size Ø	125 mm
Table size (grinding disc)	190 x 125 mm
Table tilting range	0° - 45°
Protection size	IP 20
Sound pressure level L _{PA}	82 dB(A)/K:3dB(A)
Power pressure level L _{WA}	93 dB(A)/K:3dB(A)
Weight	7,5 kg

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.

The machine is used for:

Sanding wood or wood-like materials.

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.

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

Even when the machine is used as prescribed it is still impossible to eliminate certain residual risk factors.

	WARNING
	<ul style="list-style-type: none"> ▪ Use only abrasive allowable for this machine! ▪ Never use a damaged abrasive! ▪ Use the machine never with defective or without mounted guard <p style="text-align: center;">HIGHEST RISK OF INJURY!</p>

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 in this manual 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!

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

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

- **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.**
- **Respectively trained people only and only one person shall operate the machine.**
- **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 be caught and cause severe accidents!**
- **Wear a hair net if you have long hair.**
- **Loose objects can become entangled and cause serious injuries!**
- **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:

Despite of correct and proper use and maintenance there remain some residual risk factors:

- **Hazard of injury or machine damage due to undetected machine defect**

To minimize this risk, check the machine prior to every operation for loose screws and connections. Damaged parts have to be replaced immediately, no operation of the machine in the meantime!

- **Hazard of electric shock**

Undetected malfunctions in the power supply and/or the connected wood working machine might result in electric shock when touching the machine. Ensure proper electric installation, and let it check periodically by a trained electrician.

- **Danger due to unintended machine start-up**

Eliminate this risk by disconnecting the machine before you perform any checks or activities on the machine.

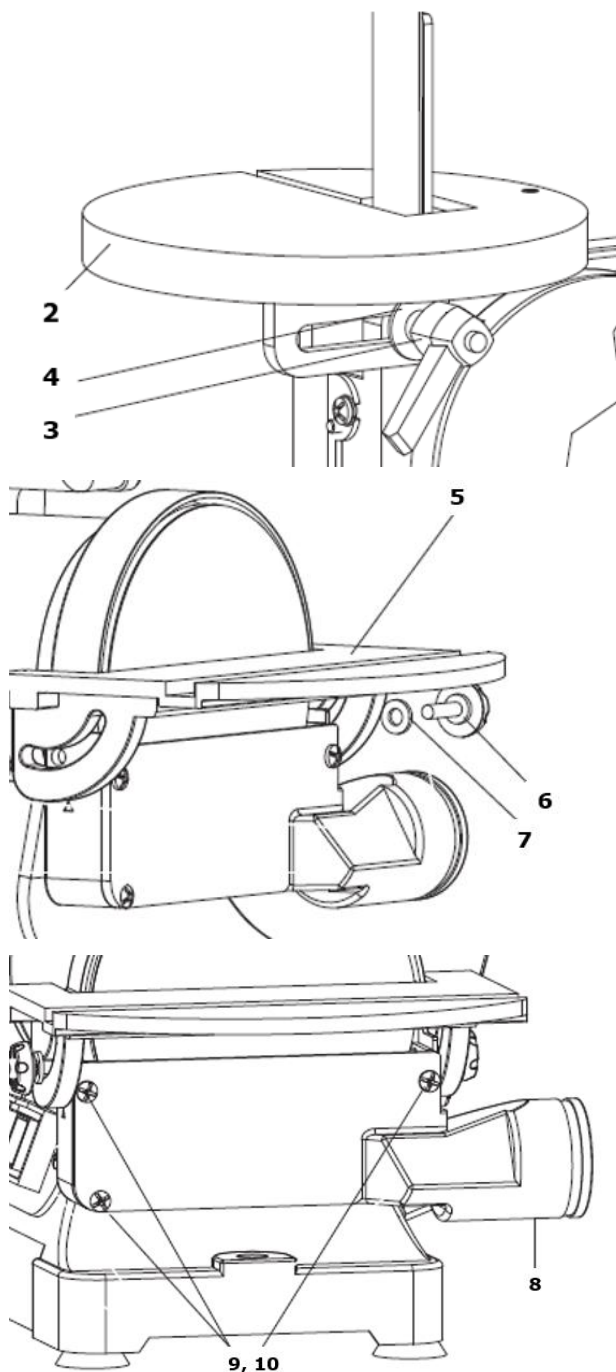
- **Hazard of inhaling toxic dust**

Especially wood dust arising from chemically treated wood and/or lacquer/paint are harmful when inhaled. Therefore wear a suitable breathing mask if required.

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

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 Grinding belt table

Slide the grinding belt table (2) on, above the grinding belt and fasten it under the table with the locking lever and the washer (3, 4).

The locking lever is pre-tensioned by a spring and can be adjusted by pulling the grip.

Attention! To prevent fingers from being squeezed between the band and table a minimum separation of 2 mm has to be maintained between the table and grinding band.



13.2 Table (disc grinder)

Slide the grinding table (5) so the lugs fit into the notch on the machine and press the table up until the drilled holes match and secure it with the locking screws and washers (6, 7) on both sides.

Attention! To prevent fingers from being squeezed between the band and table a minimum separation of 2 mm has to be maintained between the table and grinding band



13.3 Dustcollector plug

Mount the vacuum connector (8) to the machine using the slotted screws and washers (9, 10).

Attention! Make sure the guard reaches onto the lower edge of the sanding table. If the sanding table is inclined, the guard must be adjusted for height.





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.

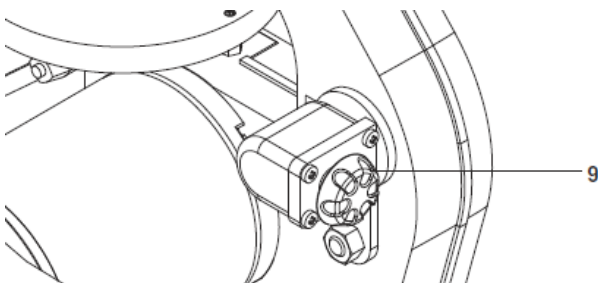
14.1 Operation instructions

	<p style="text-align: center;">WARNING</p> <p>Perform all machine settings with the machine being disconnected from the power supply!</p>	
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	<p style="text-align: center;">ATTENTION</p> <p>Please observe the following operating instructions so that their work can be performed safely and has the expected success.</p>
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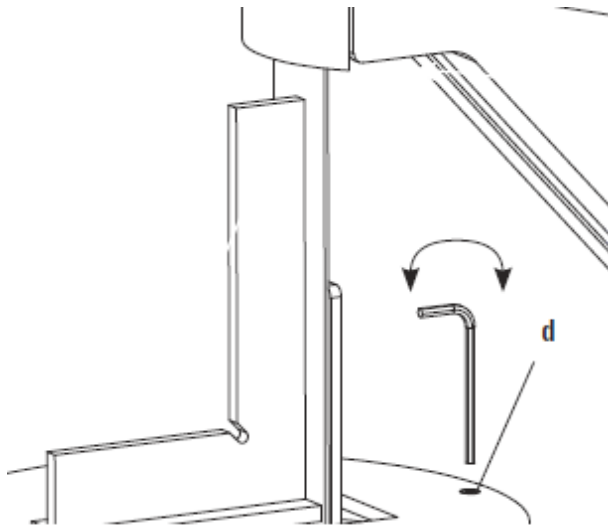
	<p style="text-align: center;">NOTICE</p> <p>Check before starting work:</p> <ul style="list-style-type: none"> • All cables and plugs • Table and safety fence on tight fit • The free and centered run of sanding belt and disc <p>The sanding:</p> <ul style="list-style-type: none"> • Always use the proper, 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 • Maximum distance table-sanding disc: 2mm! • 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 Adjustment



14.2.1 Grinding belt

The belt has already been factory-preset. The correct position is for it to run in the middle of the rollers. By turning the adjustment screw, (9), the belt can be adjusted to the left or the right.

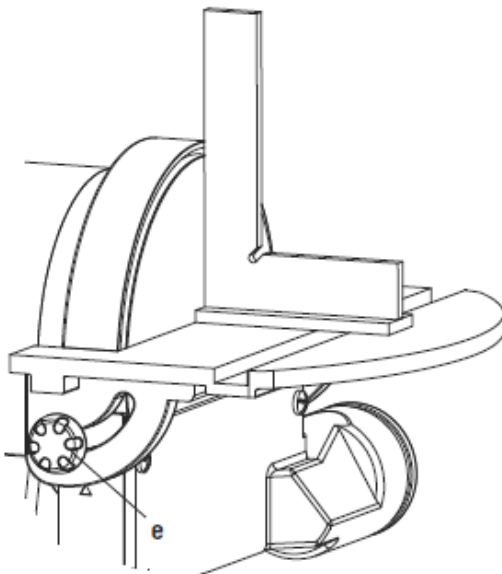


14.2.2 Grinding belt table

The table has an adjustment screw to fix the table's 90° angle to the belt.

Adjustment is made as follows:

1. Release the table, with the locking lever, and lift it as far as possible backwards.
2. Place a 90° steel setsquare on the table, touching the other side of the belt.
3. If the angle does not equal 90°, readjust the screw (d) with the hexagonal spanner until the table is exactly at 90°.
- 4 The table can be tilted forward. Release the locking lever, tilt the table to the desired angel and fasten the locking lever again.



14.2.3 Table (disc grinder)

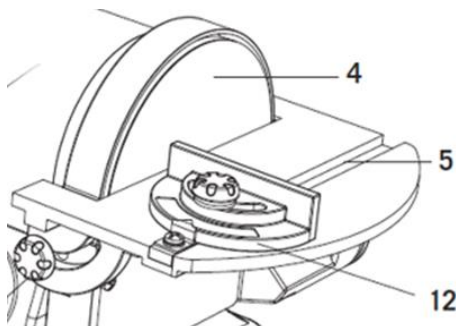
To ensure that the table is at 90° to the grinding-plate, place a template on the table against the plate. If a readjustment is necessary, release the two locking screws (e) and alter the position to 90°. Then, tighten the two locking screws (e) again. The table can be inclined downwards by up to 45°.

14.3 Operating



14.3.1 ON/OFF

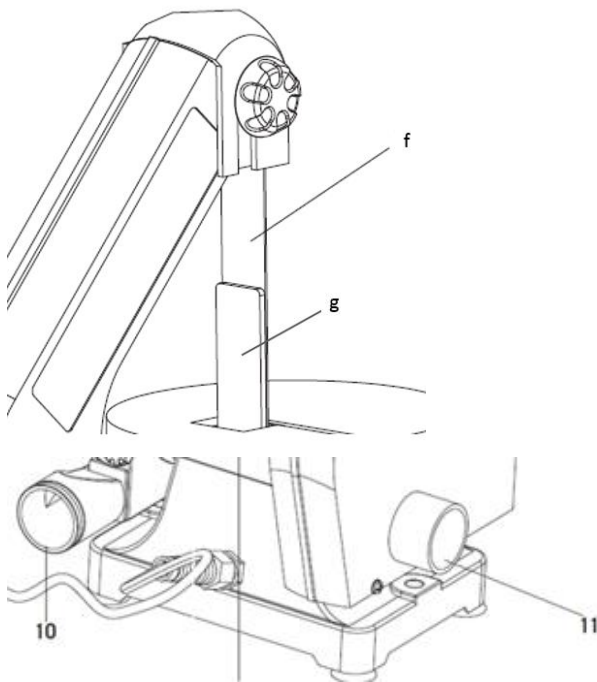
To turn the machine on, press "I" (green).
To turn the machine off, press "O" (red).



14.3.2 Angle stop

An angle stop (12) is provided for use on the grinding table.

The angle stop can be used for angles of up to 45°, to the left or right, by releasing the locking button and adjusting the angle stop to the desired angle. The button is then tightened again.



14.3.3 Backing plate

The backing plate (g) has to be adjusted so it almost touches the grinding belt (f). For adjustment, release the two screws holding the plate in the machine rack. Then adjust the plate and tighten the screws again.

To remove the plate to perform special jobs (e.g. for polishing or grinding contours), loosen the two attachment screws.

14.3.4 Dust collector plug

There are two dust extraction connectors, (10, 11), with a diameter \varnothing 38 mm.

Always use a suitable dust collector (eg vacuum cleaner)!

15 MAINTENANCE



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 be-fore any maintenance works or cleaning is carried out

The machine does not require extensive maintenance. If malfunctions and defects occur, let it be serviced by trained persons only.

Before first operation as well as later on every 100 operation hours you should lubricate all connecting parts (if required, remove beforehand with a brush all swarfs and dust).

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

Check regularly the condition of the saw band and the saw band guide.

The good condition and perfect adjustment of the guiding rollers is essential for a smooth band guidance and a clean cut.

Store the machine in a closed, dry location.

NOTICE

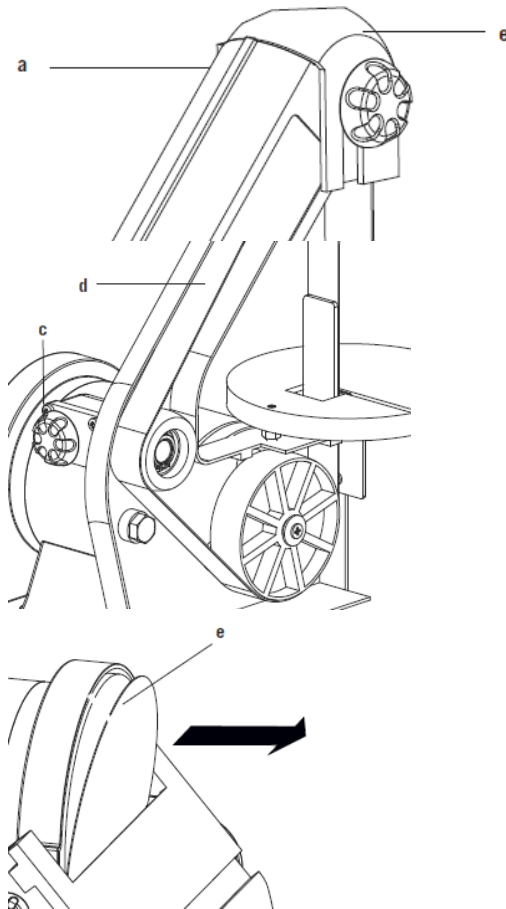
Clean your machine regularly after every usage – it prolongs the machines lifespan and is a pre-requisite for a safe working environment.

Repair jobs shall be performed by respectively trained professionals only!

15.1 Maintenance plan

After each workshift: Remove chips and sanding dust from the device

After 10 hours of operation: Check all screw connections and tighten if necessary.



15.2 Changing grinding belt

2. Loosen the crosshead screws (b) holding the lateral cover. Fold the lateral cover and raise it (two pins of the machine rack).
3. Release the guiding button on the belt (c). Remove the grinding belt (d) from the three rollers.
4. Install a new band and replace the cover (e) on. Tighten the screws again. Make sure the belt is running centrally. If necessary, adjust it with the grinding belt adjustment screw.

15.3 Changing grinding disc


If the grinding disc (e) is worn, pull it off the grindingplate. (Velcro® fastening)
Place the new disc on the centre and push it on to the grinding plate.
Remove the grinding disc if it does not run circularly. Readjust it.

15.4 Storage

- Tension the sanding belt of the belt sander.
- Store the machine in a dry and well ventilated place.

15.5 Cleaning

After each workshift the machine has to be cleaned. Remove chips etc. with a suitable tool. Do not remove them by hand (cutting injury!). Remove dust as well.

	<p style="text-align: center;">NOTICE</p> <p>The usage of certain solutions containing ingredients damaging metal surfaces as well as the use of scrubbing agents will damage the machine surface!</p> <p>Clean the machine surface with a wet cloth soaked in a mild solution</p>
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15.6 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

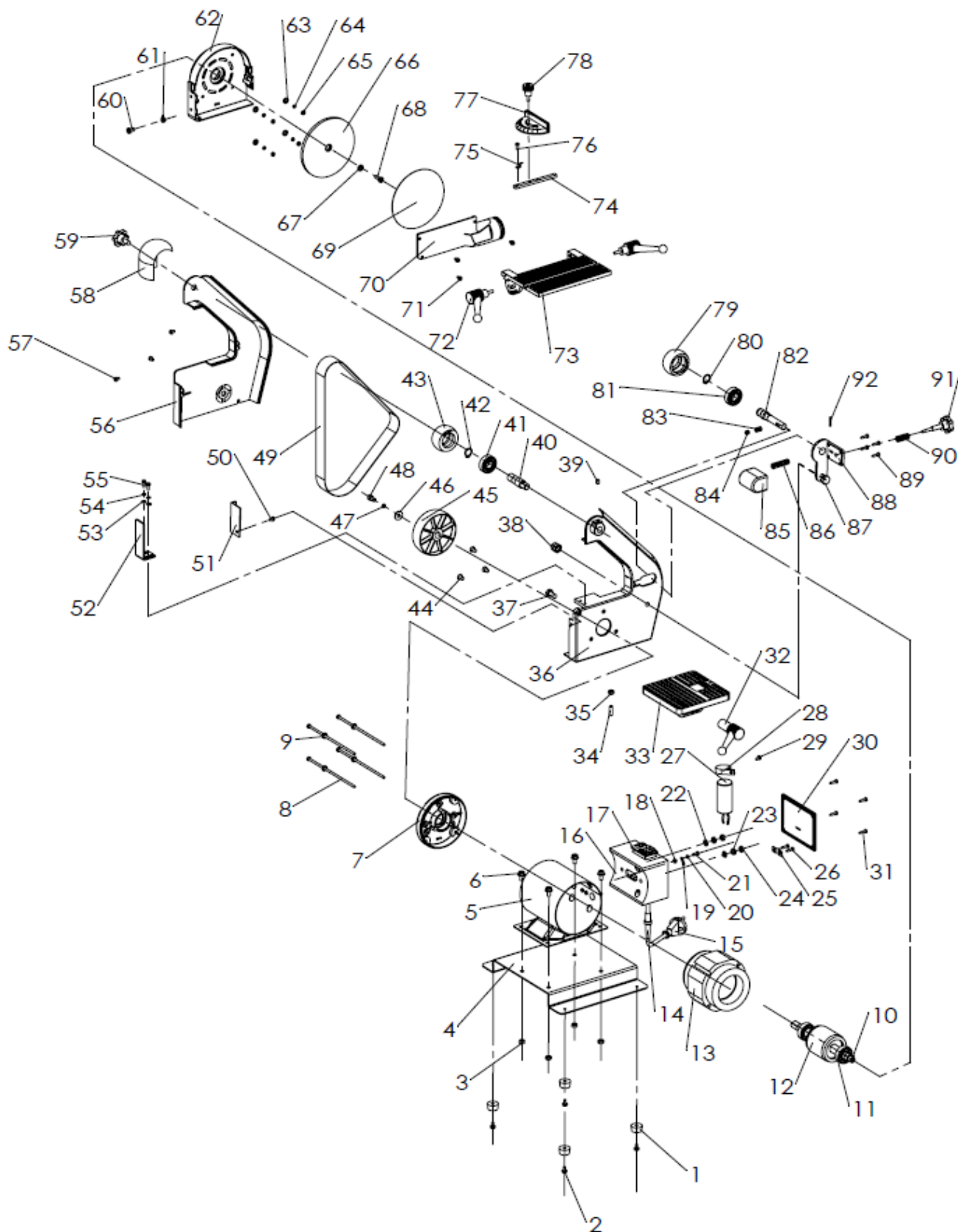
BEFORE YOU START WORKING FOR THE ELIMINATION OF DEFECTS, DISCONNECT THE MACHINE FROM THE POWER SUPPLY.

Trouble	Possible cause	Solution
Machine stops or will not start	<ul style="list-style-type: none"> ▪ ON/OFF-switch damaged ▪ Saw unplugged ▪ Overload tripped ▪ Fuse blown or circuit breaker tripped ▪ Cord damaged 	<ul style="list-style-type: none"> ▪ Check the switch ▪ Check all power connections ▪ Allow motor to cool and reset by pushing off switch ▪ Change fuse or reset circuit breaker ▪ Change cable
Machine slows down during working	<ul style="list-style-type: none"> ▪ Exerting too much pressure to the sanding abrasive 	<ul style="list-style-type: none"> ▪ Exert less pressure on the work piece
Bad grinding results	<ul style="list-style-type: none"> ▪ Abrasive too coarse-grained 	<ul style="list-style-type: none"> ▪ Use less coarsed abrasive
To rapid wear of	<ul style="list-style-type: none"> ▪ Abrasive too fine-grained 	<ul style="list-style-type: none"> ▪ Use more coarsed abrasive
Grinding angle is wrong	<ul style="list-style-type: none"> ▪ Adjusted angle is wrong 	<ul style="list-style-type: none"> ▪ Readjust the angle
Sanding disc runs out of round	<ul style="list-style-type: none"> ▪ Sanding disc is eccentrically mounted 	<ul style="list-style-type: none"> ▪ Mount the sanding disc centrally
Sanding belt runs out of sanding belt bed	<ul style="list-style-type: none"> ▪ Sanding belt is mounted wrong 	<ul style="list-style-type: none"> ▪ Mount the sanding belt centrally
Work piece burns during the working process	<ul style="list-style-type: none"> ▪ Abrasive is dirty from oil ▪ Too much pressure 	<ul style="list-style-type: none"> ▪ 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.

53.2 Explosionszeichnung / Explosion drawing



No.	Name	QTY	No.	Name	QTY	No.	Name	QTY
1	Rubber feet	4	36	Belt holder	1	71	Cross groove trio	3
2	Three combinations	4	37	Hex screws	1	72	Spherical pipe	2
3	Self-locking nut	4	38	Self-locking nut	1	73	Sand tray table	1
4	Backplane	1	39	Hexagon socket set screws	1	74	Lead foot	1
5	Motor tube welding	1	40	Driven axle	1	75	Small hand	1
6	Hexagon screw flanges	4	41	Bearing ZC6202	1	76	Cross groove trio	1
7	Belt cover	1	42	Shaft Collar Φ15	1	77	Square	1
8	Cross recessed screw	4	43	Driven wheel	1	78	Square Knob	1
9	Flat pad Φ4	4	44	Shen head screws	3	79	Idlers	1
10	Elastic cylindrical pin Φ3	1	45	Capstan	1	80	Shaft Collar Φ15	1
11	Bearing ZC6202	2	46	Increase the flat pad Φ6	1	81	Bearing ZC6202	1
12	Rotor	1	47	Shells pad Φ6	1	82	Tensioner axle	1
13	Stator	1	48	SHCS M6 * 12	1	83	Spring 1	1
14	Outlet hose	1	49	Belt	1	84	Self-locking nut M4	1
15	power cable	1	50	Two combination + washer	1	85	Axle housing	1
16	Switch Box	1	51	Apron	1	86	Spring 2	1
17	Electromagnetic switch	1	52	Belt baffle	1	87	Hexagon screw	1
18	Toothed washer Φ4	1	53	Flat pad Φ4	2	88	Tensioner plate	1
19	Ground terminal	1	54	Shells pad Φ4	2	89	Self-tapping screw	4
20	Shells pad Φ4	1	55	SHCS M4 * 12	2	90	Yahuang	1
21	Cross recessed screw	1	56	Belt Bracket cover	1	91	Adjustment knob	1
22	Flat pad Φ6	2	57	Two combination + washer	3	92	Spring pins	1
23	Shells pad Φ6	3	58	Transparent shield	1			
24	Nut M6	2	59	Knob	1			
25	Crimping bridge	1	60	Cross recessed screw	1			
26	Self-tapping screw + pad	2	61	Plastic pointer (Φ6)	1			
27	Capacitance	1	62	Sand tray cover	1			
28	Capacitance clip	1	63	Flat padΦ4	4			
29	Self-tapping screw	1	64	Shells pad Φ4	4			
30	Switch cover	1	65	Nut M4	4			
31	Self-tapping screw + pad	4	66	Sand tray	1			
32	Pipe handle M8	1	67	Flat padΦ6	1			
33	Workbench	1	68	Phillips screw	1			
34	Set screws flat end	1	69	Sandpaper / stickers	1			
35	Nut M6	1	70	Ash outlet	1			