

DE Original Betriebsanleitung

Metallbandsäge

EN User Manual

Metal band saw



BS 128HDR

**Metallbandsäge
metal band saw**

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*Bedienungsanleitung und
Sicherheitshinweise lesen
und beachten!*

*Read the operation manual
carefully before first use!*



*Technische Änderungen
sowie Druck- und Satz-
fehler vorbehalten!*

*Technical data subject to
changes, errors excepted!*

Ausgabe/Edition: 2015 – Revision 00 – DE/EN

2 SICHERHEITSSZEICHEN / SAFETY SIGNS

DE *SICHERHEITSSZEICHEN*
BEDEUTUNG DER SYMBOLE

EN *SAFETY SIGNS*
DEFINITION OF SYMBOLS



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.



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.



DE Schutzausrüstung tragen!

EN Wear protective equipment



DE Schutzkleidung tragen!

EN Wear protective clothing!



DE Maschine vor Wartung und Pausen ausschalten und Netzstecker ziehen!

EN Stop and pull out the power plug before any break and engine maintenance!



DE Nur geschultes Personal!

EN Only trained staff!



DE Bedienung mit Schmuck verboten!

EN Operation with jewelry forbidden!



DE Bedienung mit Krawatte verboten!

EN Operation with tie forbidden!



DE Bedienung mit offenem Haar verboten!

EN Operation with long hair forbidden!



DE Warnung vor Schnittverletzungen!

EN Warning about cut injuries!



DE Vor Nässe schützen!

EN Protect from moisture!



DE Achten Sie darauf, dass sich keine weiteren Personen im Gefahrenbereich (Mindestabstand 2m) im Gefahrenbereich aufhalten.

EN Make sure that there are no other persons inside the danger zone (minimum distance 2m) in the danger zone.



DE CE-KONFORM! - *Dieses Produkt entspricht den EG-Richtlinien.*

EN CE-Conformal! - *This product complies with the EC-directives.*

3 TECHNIK / TECHNIC

3.1 Komponenten und Bedienelemente / Components and Controls



1	Maschinenhauptkörper	Machine main body
2	Rad	Wheel
3	Motor	Engine
4	Hydraulischer Senkzylinder mit Einstellschraube für Vorschub	Hydraulic clamping cylinder with adjustment for feed
5	Klemmschraube für Gehrungswinkel	Clamping screw for miter
6	Hebegriff	Lifting handle
7	Handrad für Schraubstock	Handwheel for vice
8	Klemmschraube für Sägebandführung	Clamping screw for saw belt
9	EIN - AUS NOTAUS	ON - OFF EMERGENCY switch
10	Einstellknopf für Sägebandspannung	Adjustment of band tightening

3.2 Technische Daten / Technical data

Netzanschluss	<i>Mains connection</i>	V	230 oder 400
Motorleistung	<i>Engine performance</i>	W	550
Schnittgeschwindigkeiten	<i>Cutting speeds</i>	m/min	23 - 34 - 54
Sägebandabmessung	<i>Bandsaw blade</i>	mm	1640 x 13 x 0,6
max. Ø Rundprofil bei 90°	<i>max. Ø round profile at 90°</i>	mm	125
max. Ø Rundprofil bei 45°	<i>max. Ø round profile at 45°</i>	mm	95
max. Ø Rundprofil bei 60°	<i>max. Ø round profile at 60°</i>	mm	50
max. HxB 4-kant Rohr bei 90°	<i>max. HxW hexagonal tube at 90°</i>	mm	100 x 150
max. HxB 4-kant Rohr bei 45°	<i>max. HxW hexagonal tube at 45°</i>	mm	95 x 76
max. HxB 4-kant Rohr bei 60°	<i>max. HxW hexagonal tube at 60°</i>	mm	50 x 56
Abmessungen L x B x H	<i>Dimensions L x W x H</i>	mm	1000 x 550 x 1100
Gewicht	<i>Weight</i>	kg	76
Schall-Leistungspegel L_{WA}	<i>Sound power level L_{WA}</i>	db (A)	76

10 PREFACE

Dear Customer!

This manual contains Information and important instructions for the installation and correct use of the metal band saw BS 128HDR.

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.

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CUSTOMER SERVICE CONTACT

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11 SAFETY

11.1 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 metal band saw BS 128HDR is designed exclusively for cutting metals and plastics.

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

11.1.1 Working conditons

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

humidity	max. 70%
temperature	+5°C to +40°C +41°F to +104°F

The machine is not intended for outdoor use.

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

11.2 Prohibited use

- The operation of the machine under conditions outside the limits specified in these instructions is not permitted.
- The operation of the machine without the proposed protective devices is prohibited.
- dismantling or disable the protective devices is prohibited.
- It is not permitted the operation of the machine with materials that are not expressly stated in this manual.
- Inadmissible is the machining of materials with dimensions outside the limits specified in this manual.
- Inadmissible is the use of tools that are not suitable for use with the BS 128HDR.
- The operation of the machine in a manner or for purposes that do not comply with the instructions of this manual is 100% prohibited.
- Use for cooling of magnesium Never oils or emulsions (water-oil mixtures)!

11.3 General Safety

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

- **Safety must be observed and regularly inspected for completeness!**
- **Warning signs and / or labels on the machine which have been removed must be replaced immediately!**



DANGER

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



Work area and keep soil around the machine clean and free of oil, grease and residues of material!

Operation of the machine only when sufficient light, at dusk, you should no longer work.

With fatigue, lack of concentration or under the influence of drugs, alcohol or drugs is prohibited to work with the machine!



When working on the machine suitable protective equipment such as safety glasses, hearing protection, and protective clothing must be worn!



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 machine may only be operated by qualified personnel enrolled.

Third people, especially children, and people are not trained to think of the work environment away!



When working with the machine, do not wear loose jewelry, wide or protruding from the body of clothing, ties, long hair out, etc.

Loose objects can get caught in rotating parts of the machine and cause serious injury!



DON'T TOUCH THE SAW BLADE! Take care of the rotating saw blade during operation.



NO WETNESS! Operation and storage at rain or wet weather is forbidden.



NO CHILDREN! During operation children must have a distance to the metal band saw.



ONLY WORK ALONE! Operation by 2 or more persons is forbidden.



ELECTRICITY! The machine from the power source must be disconnected before servicing.



⚠ **DANGER**

Check and follow the instructions! Non-compliance may result in serious injury or death! HOLZMANN machines can not be held liable for accidents if the safety instructions are not followed!

11.4 residual risks

Even if they meet all the safety rules and if used properly, the following residual risks are noted:

- Risk of injury to hands / fingers through the band saw blade during operation.
- Risk of injury / danger of cuts by untrimmed edges.
- Risk of injury from contact with live components.
- Risk of injury due to breakage or being thrown out of the saw blade or portions thereof, with overloading and incorrect direction of the saw blade.
- hearing loss, unless arrangements have been made by the user for hearing protection.
- Risk of injury due to kickback which the cuttings, ejecting the cut material or parts.
- Risk of injury to the eye by flying debris, even with goggles.

These risks can be minimized if all safety regulations are applied, the machine is properly maintained and serviced the machine as intended and is operated by properly trained personnel. Despite all safety devices and remains their healthy common sense and your corresponding technical suitability / training to operate a machine like the BS 128HDR of the most important safety factor!

12 ASSEMBLY

12.1 Preparatory activities

12.1.1 Scope of delivery

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, otherwise the goods shall be accepted as properly.

12.1.2 Workplace

Choose a suitable place for the machine. Observe the safety requirements of Chapter 11 and the dimensions of the machine from Chapter 3.2.

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.

12.1.1 Transport / unloading the machine

Lifting it out of the package for mounting and positioning on the workstation:
at least 2 people!



WARNING

The lifting and transportation of the machine may only be carried out by qualified personnel are carried out with appropriate equipment.

For maneuvering of the machine in the packaging is also a pallet truck or a forklift can be used.

You can move the BS 128HDR after assembly by the wheels.

To do this, pull the lift handle and lift the front machine part.

Now you can move the machine.



12.1.2 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:

When cleaning, use only mild detergent

12.2 Assembly of the dismantled parts Transport

The BS 128HDR assembled ready in principle.
You only need to assemble the undercarriage.

To mount the first wheels.

After that, the base must be assembled (fitting in with the chassis).

In the end, the band saw is placed on the base and fastened with screws.



Screw the suspension

The spring bracket is screwed as shown on the console



12.2.1 Electrical connection

Only a qualified electrician is authorized for the electrical connection, including the installation of the supply part. This must be cut off before the electrical connection. Only if the main power supply is cut off, each contact can be closed. The cowl box is attached to the back of the machine body. There is also a junction box on the page, which you have to connect just as marked.

12.2.2 Earthing connection

ATTENTION



When working on an ungrounded machine:

Serious injury due to electric shock in the event of a malfunction possible!

Therefore:

Machine must be grounded and be connected to a grounded outlet



- + The electrical connection of the machine is ready for operation on a grounded electrical outlet!
- + The plug must be connected only to a properly fitted and grounded electrical outlet!
- + The supplied plug must not be changed. If the plug does not fit or is defective, only a qualified electrical engineer may modify or replace these plugs!
- + The grounding conductor is green-yellow!
- + In the event of repair or replacement of the grounding conductor must not be connected to an under voltage can!
- + Check with a qualified electrician or service that the grounding instructions are understood and the machine is grounded!
- + A damaged cable must be replaced immediately!

13 OPERATION

13.1 Adjustments before initial startup

13.1.1 check the screwed

Check before commissioning all screw and pull it if necessary.

13.1.2 Before you use:

Before you start the saw, make sure:

- dass alle Maschinenkomponenten in einwandfreiem Zustand sind
- That all machine components are in good working order
- That you have set the right blade speed for the material and use the correct blade.
- That the work piece at the correct angle is properly clamped.
- That the workpiece rests safely. For longer workpieces these be supported by a backing (eg dolly).
- That the saw band is set correctly (tape tension and vertically)
- That the saw arm is pivoted up and the workpiece is not affected
- That no tools more on the machine bed are

! WARNING



Perform all conversion work in isolation from the mains!

13.1.1 Adjusting the vertical bandsaw blade guide for clippings

Slightly loosen the left bandsaw blade guide with the screw for fixation.



The tolerance by lowering the bandsaw blade guide leveling on bearing roll on the bandsaw blade to zero.



Slightly loosen the nuts on either side guide rollers with a wrench **SW 17**.



With a wrench **SW 12** is with the help of the eccentric bearing roller according to externally or internally displaced.

Repeat on both sides of the process until no play between the bearing rollers.

The bandsaw blade should be centered on the upper bearing role.

CAUTION: The two lower side rollers do not clamp!

After both bearing rollers are adjusted free of play, the two nuts tighten up the leadership roles.

Example of a perfect adjustment of the bandsaw blade guide:



The bandsaw blade has too much play and is therefore still cant between the lateral bearing rollers.



The saw blade is completely vertically without any play between the lateral bearing rollers.

CAUTION:

Before tightening the bandsaw blade guide examine whether the saw band is below set perfectly vertical and readjust the bandsaw blade guide according vertically.

The bandsaw blade guide with the screw for fixing tighten.



NOTE: Check the 90 ° bandsaw blade guide with an angle gauge or with a rectangular workpiece.

Repeat this process on the right if the saw band saw blade guiding is not performed exactly vertical.

NOTE: The bandsaw blade guide slide (left / right) as close as possible to the workpiece.

By loosening the fixing nuts (12), the blade guides can be moved.



CAUTION: Bevel cuts are resulting from not exactly vertical set saw blade guides and too much play between the lateral bearing rollers!

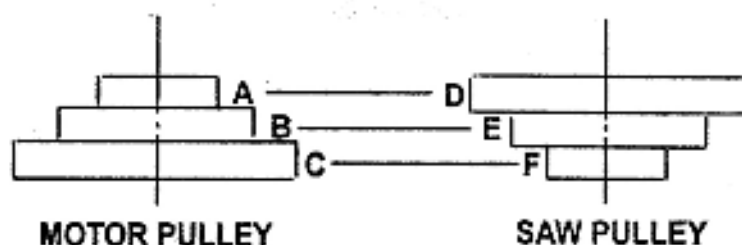
⚠ WARNING



Perform all the conversion work in isolation from the mains!

13.1.2 Select the saw blade speed

The saw blade is driven via a belt drive. Adjust the saw blade speed at the material to be cut.



Select the feed according to the following table.

Material	speed (m / min)	Belt position		Saw band
		Motor pulley	Drive pulley	
Stainless Steel Stainless Steel ® Tool steel - Alloy steel Bearing bronze	23	A	D	Bi-Metal
Structural steel - iron mild steel - Thomas steel	34	B	E	Bi-Metal
Brass - Aluminium Similar materials	54	C	F	HSS

13.1.3 Setting the blading speed

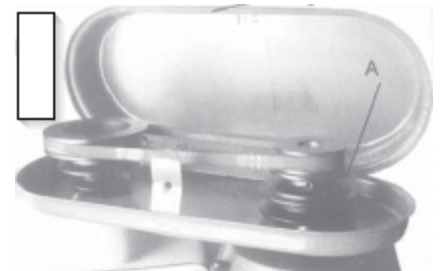
- Open the lid by tightening the knob and the lid lift.

Knob



Now you can use the speed table in the lid to change the cutting speed.

- Turn the pulley easily and the V-belt in the provided disk groove screw.



CAUTION:

The V-belts must be connected to the opposite wheels always in the same plane.

13.2 Operation

13.2.1 Setting the feed

The feed can be on the set screw on the Set hydraulic lowering cylinder (4).

Select the feed according to the following table.

adjusting feed



13.2.2 Adjustment of the miter angle

- Loosen the clamping screw (5).
- Now you can move the entire saw arm.
- By tightening the clamping screw (5) that is fixed again.



13.2.3 Clamping the workpiece

- Place the workpiece in a vice and tighten it with the hand wheel (7) to



13.2.4 Setting the saw band guide

- Adjust the guide so that it approximately 2 cm in front of the workpiece.
- Loosen the hand wheel (8) and slide the guide.
- Pull the handwheel back up again



13.2.5 Set the blade tension

- The bandsaw blade with the control knob (10) to voltage (2 - 3mm Test) set.
- check after a short test run and retighten if necessary.

13.3 Operating

13.3.1 Switch ON / OFF

The machine can be switched on via the green **ON** button switching on and off with the red **OFF** switch button.

adjusting limit

The automatic switch off can be readjusting the limit screw to be adjusted.

- Allow the engine to start up fully so that the saw blade at full running speed.
- Run the saw arm to the bracket (3) to the workpiece.
- Let the saw arm by its own weight work through the material.
- Do not apply pressure. The saw automatically turns off after cutting through the material by triggering the **OFF** switch button.



NOTE

Allow the engine to start full before starting to Be Cut.

13.3.2 Sawing

positioning knob

- Turn on the machine with the ON / OFF switch (9).
- Remove the positioning knob.
- The automatic feed to the saw arm moves automatically downwards.
- Do not apply pressure.
- The saw automatically switches itself off after cutting the material by triggering the off switch button.
- Pull the saw arm into the air, and insert the positioning knob back in the hole.



THE TEETH OF THE SAW BLADE SHOULD GIVE THE MATERIAL TO BE CUT ALSO BE ADJUSTED:

1. The thinner / narrower the workpiece, the higher teeth
2. **Basic rule:** it should be working at any given time at least 3 teeth in the material

NOTE: If the metal band saw a long time is not used, you can relax the saw band with the adjustment of band tightening (10)

14 MAINTENANCE AND CARE

⚠ 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 requires little maintenance and contains little parts that must undergo the operator of a service.

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

Repair work may be carried out by qualified personnel!

The complete and utter cleaning guarantees a long lifetime of the machine and is 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 and all waste is disposed of by compressed air jet.

Check regularly that the warning and safety of the machine present and properly legible condition.

Check before operation the soundness of the safety devices.

When storing this machine must not be stored in a humid place and needs to be protected from the influence of weather conditions.

Before first use, and subsequently (if required before a brush to clean chips and dust) with a thin layer of oil or grease grease every 100 working hours all moving joints.

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

14.1 Changing the saw blade

- Move the metal belt in the vertical position and open the saw band cover.
- Loosen the saw band with the adjustment knob (10).
- Saw band guard above remove.

- Now pull off the old saw band of the impellers.
DANGER! Risk of injury! Wear work gloves.
- The new bandsaw first insert in the blade guides and then place it on the wheels.
WARNING: Respect the right direction of the teeth. (see image left front of the saw arm)
Then put the saw band on the wheels.

- The saw band with the control knob (2) tension (2 - 3mm test).
- After a short test run check the tension and the tape / chamber and tighten, it necessary as in point 14.2
- Saw blade guard screw on.
- Close the saw band cover.



14.2 Setting tape / camber

The impeller is factory aligned to the drive wheel. Should, however (especially after exchange) of the saw blade is not straight or run from the impeller, an adjustment may be necessary. The tape / camber can be adjusted.

- The clamping screw slightly loose.
- With the grub screw the tape can be adjusted.
- Tighten the clamping screw.

clamping screw



14.1 Lubrication

Ball bearings do not require lubrication.

Lubricate the threaded rod of the jaw as needed

Cover all unpainted surfaces regularly with a thin layer of light-Maschi machine oil.

The transmission runs in an oil bath and requires about 1 time per year for an oil change:

Bring to the saw arm in horizontal position.

Remove the four screws (part. No. **80** in exploded view) of the gear cover (**83**) and remove the cover.

Place a drain pan under the transmission housing.

Lift the saw arm out so that the oil flows.

Clean the gear case of coarser waste oil residues, fill a new TRANSMISSION OIL, install the cover properly.

Dispose of the used oil ecologically.

14.2 Cleaning

NOTE

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

Therefore: When cleaning water and mild detergent if necessary use.

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

14.3 Disposal

Do not dispose the metal band saw BS 128HDR 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



15 TROUBLESHOOTING

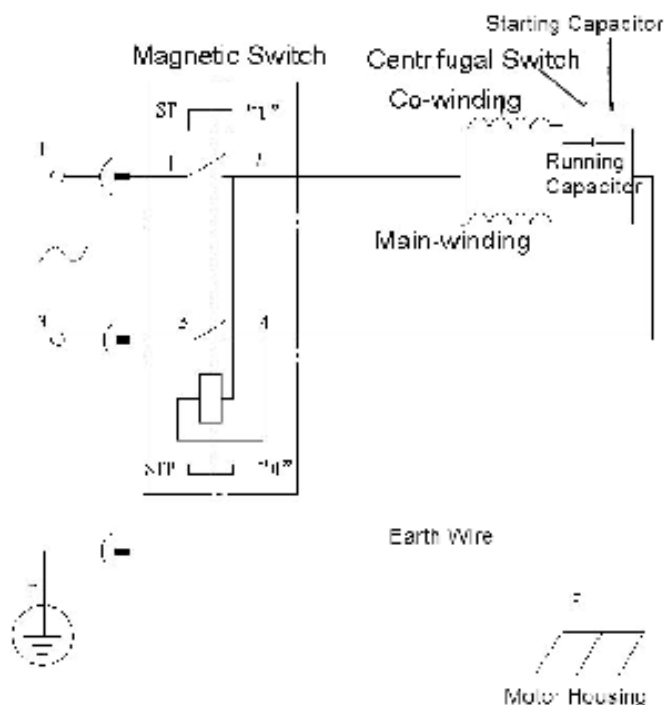


Disconnect the machine from the power supply prior to any checks performed at the machine itself !

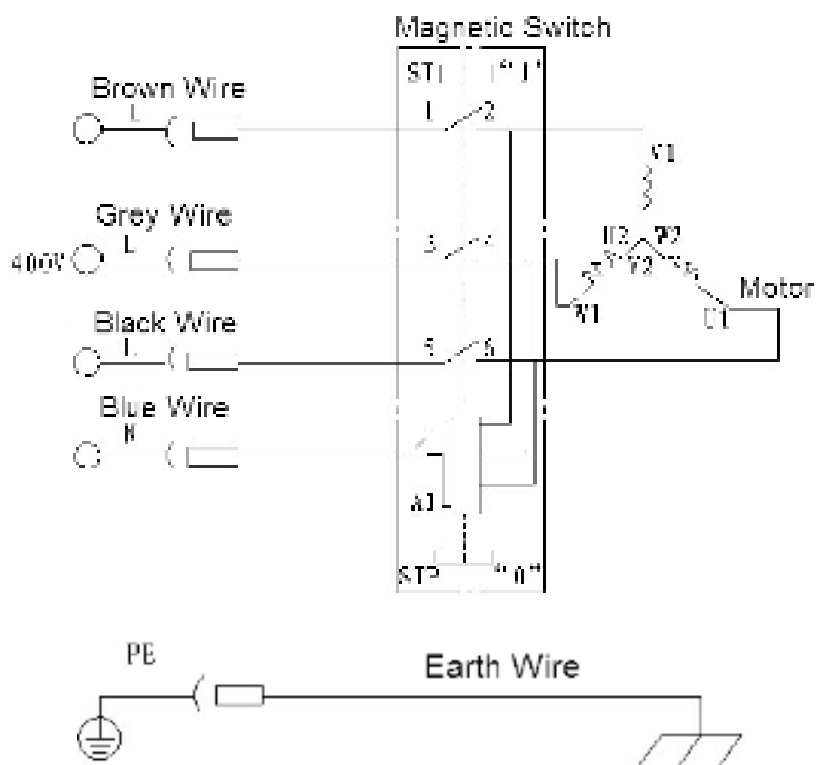
Trouble	Possible cause	Solution
Machine does not start	• machine is not connected • fuse or contactor broken • damaged cable	• all el. Check the connectors • Switch fuse, activate protection • Replace cable
Bandsaw is not on speed	• Extension cord too long • Motor not suitable for existing voltage • weak power grid	• Exchange on optional extension cable • see switch box cover for correct wiring • Contact the electrician
The machine vibrates strongly	• Standing on uneven ground • Motor mounting is loose • Belt tension spring is worn or broken	• reconstitute • Tighten the mounting screws • Replace the spring
bad cuts	• Feed too fast • Bandsaw blade is loose	• Select a lower feed • Tighten the saw blade

16 SCHALTPLÄNE / WIRING DIAGRAM

BS 120HDR 230V



BS 120HDR 400V



17 ERSATZTEILE / SPARE PARTS

17.1 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 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 machines lifespan.

IMPORTANT

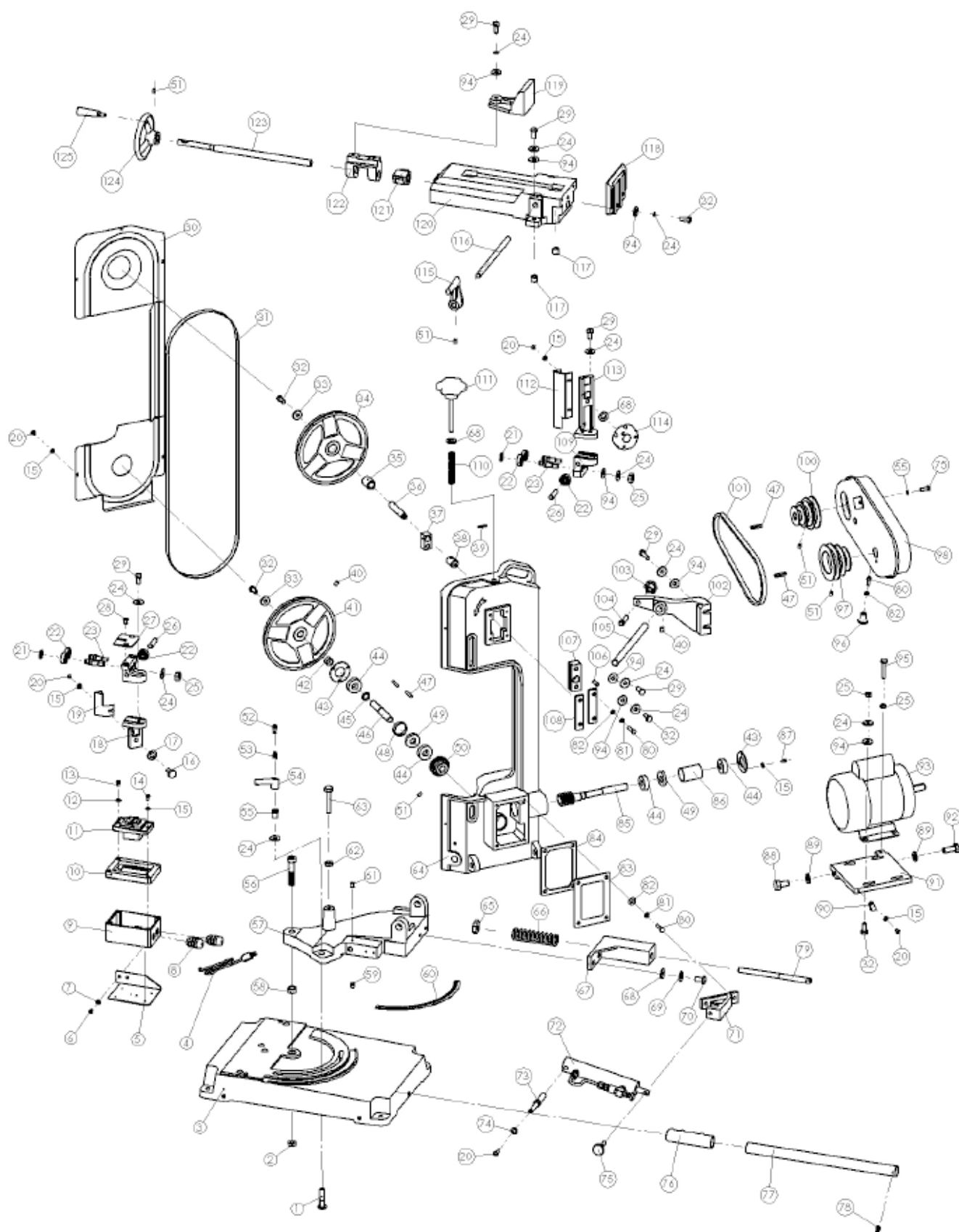
The installation of other than original spare parts voids the warranty!

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.](#)

17.2 Explosionszeichnungen / explosion drawings

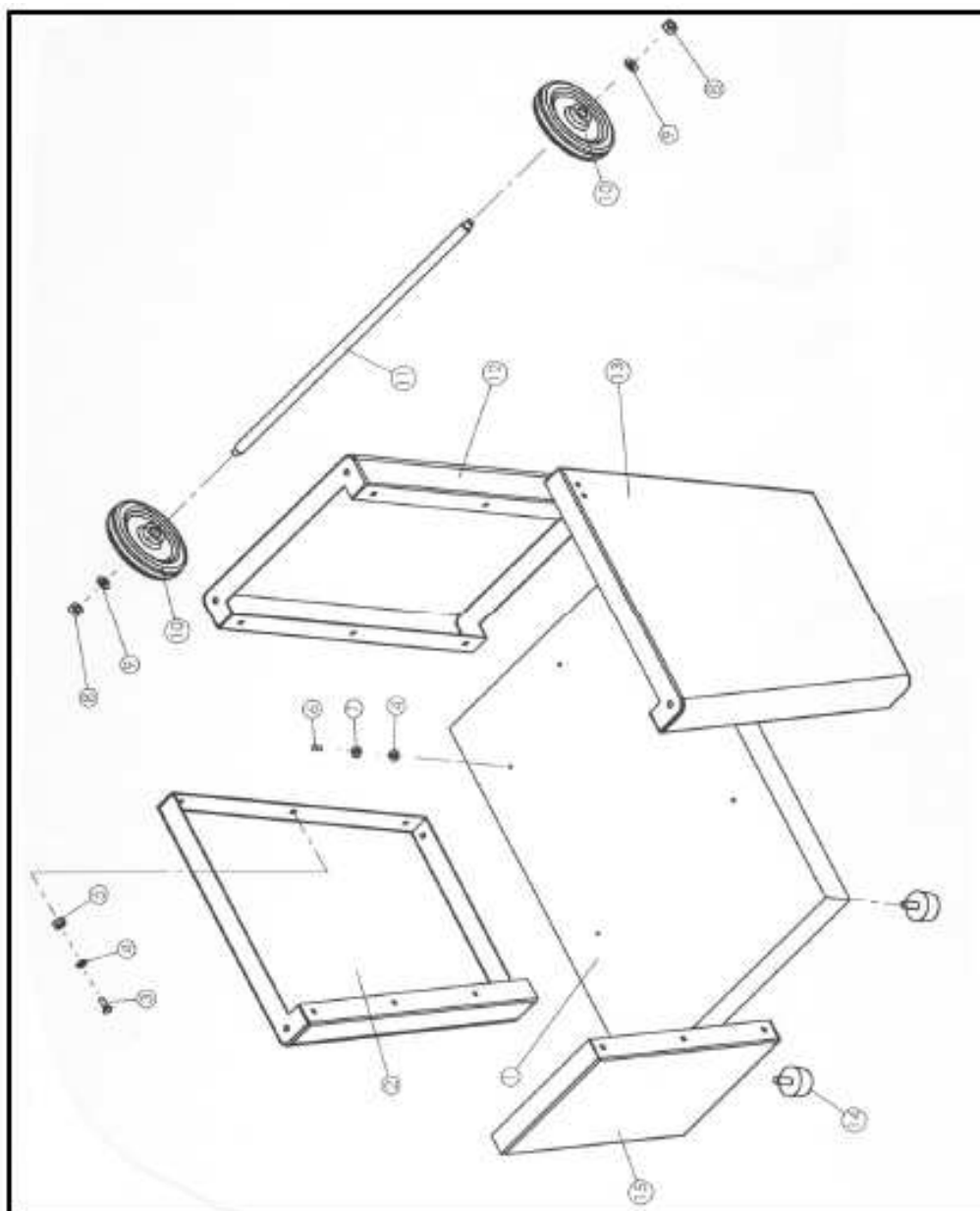


17.3 Ersatzteil-Liste / spare part list

No.	Beschreibung-/Description	Quantity	No.	Beschreibung-/Description	Quantity
1	Coach bolt	1	42	Drive wheel position tube	1
2	Lock nut	1	43	Drive wheel flange	2
3	Work table	1	44	Ball bearing	4
4	Cable and plug	1	45	Retaining ring	1
5	Switch supporting bracket	1	46	Drive wheel shaft	1
6	Screw (M5X10)	2	47	Square key	4
7	Flat washer	2	48	Worm shaft tube	1
8	Strain relief	2	49	Sealing gasket	2
9	Lower switch box housing	1	50	Worm	1
10	Switch plate	1	51	Screw (M6X10)	5
11	Magnetic switch	1	52	Screw	1
12	Screw (M3X16)	2	53	Cylinder spring	1
13	Flat washer	2	54	Lock knob	1
14	Screw (M4X20)	2	55	Tooth bolt	1
15	Flat washer	15	56	Screw (M12X65)	1
16	Bolt (M10X30)	1	57	Angle adjustment base	1
17	Flat washer	1	58	Position tube	1
18	Lower adjustment guide	1	59	Angle pointer	1
19	Lower guard cover	1	60	Angle scale label	1
20	Screw (M4X8)	8	61	Screw (M6X16)	1
21	Retaining ring	4	62	Nut (M10)	1
22	Ball bearing	6	63	Bolt (M10X45)	1
23	Eccentric shaft	4	64	Saw bed	1
24	Elastic washer	23	65	Square nut	1
25	Nut (M8)	9	66	Spring	1
26	Pin	2	67	Spring holder	1
27	Blade guide plate	1	68	Flat washer	4
28	Screw (M5X10)	2	69	Elastic washer	2
29	Bolt (M8X30)	9	70	Bolt (M10X20)	2
30	Wheel cover	1	71	Hydraulic cylinder holder	1
31	Saw blade	1	72	Hydraulic cylinder	1
32	Bolt (M6X16)	10	73	Connecting rod	1
33	Driven wheel retaining ring	2	74	Big flat washer	1
34	Driven wheel	1	75	Valve knob	1
35	Driven wheel position tube	1	76	Rubber handle	1
36	Driven wheel shaft	1	77	Carrying handle	1
37	Adjustment block	1	78	Pin	1
38	Elevating block	1	79	Adjustment rod	1
39	Elastic pin (4X18)	1	80	Bolt (M6X16)	9
40	Screw (M8X10)		81	Elastic washer	8
41	Drive wheel	1	82	Flat washer	10

No.▫	Beschreibung / Description▫	Quantity▫	No.▫	Beschreibung / Description▫	Quantity▫
83▫	Gear box cover▫	1▫	105▫	Turning shaft▫ 	1▫
84▫	Sealing-gaskets▫	1▫	106▫	Screw-(M8X20)▫	1▫
85▫	Worm shaft▫	1▫	107▫	Sliding block▫	1▫
86▫	Worm shaft tube▫	1▫	108▫	Pressing plate▫	1▫
87▫	Screw-(M4X10)▫	6▫	109▫	Upper-guard-holder▫	1▫
88▫	Roll-(M12X30)▫	1▫	110▫	Spring▫	1▫
89▫	Flat washer▫	2▫	111▫	Blade tension knob▫	1▫
90▫	Plastic cable-fixing-plates▫	1▫	112▫	Upper-guard-cover▫	1▫
91▫	Motor-bases▫	1▫	113▫	Upper-guard-cover-holder▫	1▫
92▫	Bolts▫	1▫	114▫	Lock knob▫	1▫
93▫	Motors▫	1▫	115▫	Stock-slope▫	1▫
94▫	Flat-washers▫	15▫	116▫	Stock-slop-nut▫	1▫
95▫	Bolt-(M8X10)▫	1▫	117▫	Vise position tube▫	2▫
96▫	Knobs▫	1▫	118▫	Rear-vise-jaw▫	1▫
97▫	Motor-pulleys▫	1▫	119▫	Front-vise-jaw▫	1▫
98▫	Pulley covers▫	1▫	120▫	Vise bed▫	1▫
99▫	Roll-(M6X10)▫	1▫	121▫	Threaded-rod-nut▫	1▫
100▫	Gear-box-pulleys▫	1▫	122▫	Front-jaw-holder▫	1▫
101▫	V-Belts▫	1▫	123▫	Threaded rods▫	1▫
102▫	Connecting-block▫	1▫	124▫	Hand-wheel▫	1▫
103▫	Position-knob▫	1▫	125▫	Turning-handle▫	1▫
104▫	Position pins▫	1▫	▫	▫	▫

17.3.1 Grundgestell / basic rack



No.	Description	Quantity	No.	Description	Quantity
1	Base plate	1	9	Flat washer	2
2	Left plate	1	10	Rolling wheel	2
3	Coach bolt	12	11	Wheel shaft	1
4	Flat washer	16	12	Rear plate	1
5	Nut (M6)	12	13	Right plate	1
6	Bolt (M6X12)	4	14	Rubber pad	2
7	Elastic washer	4	15	Front plate	1
8	Lock nut (M10)	2			

18 KONFORMITÄTSERKLÄRUNG/ CERTIFICATE OF CONFORMITY

	Inverkehrbringer / Distributor
	HOLZMANN MASCHINEN® GmbH A-4170 Haslach, Marktplatz 4 Tel.: +43 7289 71562-0; Fax.: +43 7289 71562-4 www.holzmann-maschinen.at
Bezeichnung / name	
Metallbandsäge / metal band saw	
Typ / model	
BS 128HDR	
EG-Richtlinien / EC-directives	
• 2006/42/EG • 2006/95/EG	
Angewandte Normen / applicable Standards	
• EN 13898:2003/A1:2009, EN 60204-1:2006/A1:2009	
Bearbeiter:	Gerhard Brunner, Technische Dokumentation, Marktplatz 4, 4170 Haslach

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.



Christian Eckerstorfer
Leitung Technische Dokumentation
HOLZMANN-MASCHINEN
4170 Haslach, Marktplatz 4



Klaus Schörgenhuber
Geschäftsführer / Director

Haslach, 25.06.2015

Ort / Datum place/date

19 GARANTIEERKLÄRUNG

(Stand 25.06.2015)

Mängelhaftungsansprüche des Käufers aus dem Kaufvertrag gegenüber dem Verkäufer (Holzmann Vertriebspartner) sowie gesetzliche Gewährleistungsrechte des jeweiligen Landes werden durch diese Garantieerklärung nicht berührt.

Für diese Maschine leisten wir Garantie gemäß folgenden Bedingungen:

- A) Die Garantie umfasst die unentgeltliche Beseitigung aller Mängel an der Maschine, nach Maßgabe der nachfolgenden Regelungen (B-G), welche die ordnungsgemäße Funktion der Maschine beeinträchtigen und nachweislich auf Material- oder Herstellungsfehler beruhen.
- B) Die Garantiezeit beträgt 12 Monate, bei gewerblicher Nutzung 6 Monate, gültig ab Lieferung der Maschine an den Erstendabnehmer. Als Nachweis ist der Original-Ablieferbeleg maßgeblich, bei Selbstabholung der Maschine der Original Kaufbeleg.
- C) Zur Anmeldung von Garantieansprüchen kontaktieren Sie bitte den HOLZMANN Vertriebspartner, von dem Sie die Maschine erworben haben, mit folgenden Unterlagen:
 - >> Kaufbeleg und/oder Ablieferbeleg
 - >> ausgefülltes Serviceformular mit Fehlerbericht
 - >> Bei Anforderung von Ersatzteilen eine Kopie der Ersatzteilzeichnung, mit den benötigten Ersatzteilen markiert.
- D) Die Garantieabwicklung und der Ort der Garantieverfüllung erfolgt nach Maßgabe der HOLZMANN GmbH. Leicht zu behebbende Mängel werden durch unsere Vertriebspartner beseitigt, bei komplexeren Defekten behalten wir uns eine Begutachtung in 4707 Haslach, Österreich vor. Sofern nicht explizit ein zusätzlicher Vor-Ort Servicevertrag abgeschlossen ist, gilt als Erfüllungsort der Garantieleistung stets der HOLZMANN-MASCHINEN Firmensitz in 4707 Haslach, Österreich. Die im Rahmen einer Garantiebearbeitung anfallenden allfälligen Transportkosten von und zum Firmensitz sind in dieser Hersteller-Garantie nicht abgedeckt.
- E) Garantieausschluss bei Mängeln:
 - an Maschinenteilen, welche gebrauchsbedingten oder sonstigen natürlichen Verschleiß unterliegen, sowie Mängeln an der Maschine, die auf einen gebrauchsbedingten oder sonstigen natürlichen Verschleiß zurückzuführen sind.
 - die auf unsachgemäße oder fahrlässige Montage, Inbetriebnahme, bzw. Anschluss an das elektrische Netz zurückzuführen sind.
 - die auf Nichtbeachtung von Bedienungshinweisen, nicht bestimmungsgemäßen Gebrauch, atypischen Umweltbedingungen, sachfremden Betriebsbedingungen und Einsatzgebiet, mangelnde bzw. unsachgemäße Wartung oder Pflege zurückzuführen sind.
 - die durch die Verwendung sowie Einbau von Zubehör-, Ergänzungs- oder Ersatzteilen verursacht wurden, die keine Original HOLZMANN Ersatzteile sind.
 - die geringfügige Abweichungen vom Soll-Zustand darstellen, welche für den Wert oder die Gebrauchstauglichkeit der Maschine unerheblich sind.
 - die auf fahrlässige konstruktionsbedingte Überbeanspruchung zurückzuführen sind. Insbesondere bei Mängeln durch Nutzung, welche durch Belastungsniveau und Umfang als gewerblich einzustufen sind, bei Maschinen, die nach Bauart und Leistungsvermögen nicht für den gewerblichen Gebrauch konstruiert und bestimmt sind.
- F) Im Rahmen dieser Garantie sind weitere Ansprüche des Käufers über die hier ausdrücklich genannten Garantieleistungen hinaus ausgeschlossen.
- G) Diese Hersteller-Garantie wird freiwillig übernommen. Garantieleistungen bewirken daher keine Verlängerung der Garantiefrist und setzen auch keine neue Frist, auch nicht für Ersatzteile, in Gang.

SERVICE

Nach Ablauf der Garantiezeit können Instandsetzungs- und Reparaturarbeiten von entsprechend geeigneten Fachfirmen durchgeführt werden. Es steht Ihnen auch die HOLZMANN-Maschinen GmbH weiterhin gerne mit Service und Reparatur zur Seite. Stellen Sie in diesem Fall eine unverbindliche Kostenanfrage, unter Angabe der Informationen siehe C) an unseren Kundendienst oder senden Sie uns Ihre Anfrage einfach per umseitig beiliegendem Formular ein.

Mail: info@holzmann-maschinen.at

FAX: +43 (0) 7248 61116 6

HOLZMANN Maschinen Austria www.holzmann-maschinen.at

20 GUARANTEE TERMS

(applicable from 25.06.2015)

Please consult our troubleshooting section for initial problem solving. Feel free to contact your HOLZMANN reseller or us for Customer Support!

Warranty claims based on your sales contract with your HOLZMANN retailer, including your statutory rights, shall not be affected by this guarantee declaration. HOLZMANN-MASCHINEN grants guarantee according to following conditions:

- A) The guarantee covers the correction of deficiencies to the tool/machine, at no charge, if it can be verified adequately that the deficiencies were caused by a material or manufacturing fault.
- B) The guarantee period lasts 12 months, and is reduced to 6 months for tools in commercial use. The guarantee period begins from the time the new tool is purchased from the first end user. The starting date is the date on the original delivery receipt, or the sales receipt in the case of pickup by the customer.
- C) Please lodge your guarantee claims to your HOLZMANN reseller you acquired the claimed tool from with following information:
 - >> Original Sales receipt and/or delivery receipt
 - >> Service form (see next page) filed, with a sufficient deficiency report
 - >> for spare part claims: a copy of the respective exploded drawing with the required spare parts being marked clear and unmistakable.
- D) The Guarantee handling procedure and place of fulfillment is determined according to HOLZMANNs sole discretion in accordance with the HOLZMANN retail partner. If there is no additional Service contract made including on-site service, the place of fulfillment is principally the HOLZMANN Service Center in Haslach, Austria.
Transport charges for sendings to and from our Service Center are not covered in this guarantee.
- E) The Guarantee does not cover:
 - Wear and tear parts like belts, provided tools etc., except to initial damage which has to be claimed immediately after receipt and initial check of the machine.
 - Defects in the tool caused by non-compliance with the operating instructions, improper assembly, insufficient power supply, improper use, abnormal environmental conditions, inappropriate operating conditions, overload or insufficient servicing or maintenance.
 - Damages being the causal effect of performed manipulations, changes, additions made to the machine.
 - Defects caused by using accessories, components or spare parts other than original HOLZMANN spare parts.
 - Slight deviations from the specified quality or slight appearance changes that do not affect functionality or value of the tool.
 - Defects resulting from a commercial use of tools that - based on their construction and power output - are not designed and built to be used within the frame of industrial/commercial continuous load.
- F) Claims other than the right to correction of faults in the tool named in these guarantee conditions are not covered by our guarantee.
- G) This guarantee is voluntary. Therefore Services provided under guarantee do not lengthen or renew the guarantee period for the tool or the replaced part.

SERVICE

After Guarantee and warranty expiration specialist repair shops can perform maintenance and repair jobs. But we are still at your service as well with spare parts and/or machine service. Place your spare part / repair service cost inquiry by filing the SERVICE form on the following page and send it:

via Mail to info@holzmann-maschinen.at

or via Fax to: +437248611166

SERVICE FORM / SERVICEFORMULAR

Please tick one box from below / Bitte kreuzen Sie eine der untenstehenden an:

- | | | | |
|--------------------------|--------------------|---|-------------------|
| ☐ | service inquiry | / | Serviceanfrage |
| ☐ | spare part inquiry | / | Ersatzteilanfrage |
| ☐ | guarantee claim | / | Garantieantrag |

1. Senders information (* required) / Daten Antragsteller (* sind Pflichtfelder)

*First name, Family name / Vorname, Nachname _____

*Street, house number / Straße, Hausnummer _____

*ZIP Code, place / PLZ, Ort _____

*Country / Staat _____

*(mobile)Phone / Telefon bzw. Mobiltel. _____

International numbers with country code

* E-Mail _____

Fax _____

2. Tool information / Geräteinformationen

serial number/Seriennummer: _____ *Machine type/Maschinentype: _____

2.1 Required spare parts / benötigte Ersatzteile

Part No° / Ersatzteilnummer	Description / Beschreibung	Number/Anzahl

2.2 Problem description / Problembeschreibung

Please describe amongst others in the problem:

What has caused the problem/defect, what was the last activity before you noticed the problem/defect?

For electric problems: Have you had checked your electric supply and the machine already by a certified electrician?

Bitte füllen Sie in der Fehlerbeschreibung unter anderem an:

Was hat den Defekt verursacht bzw. was war die letzte durchgeführte Tätigkeit, bevor Ihnen das Problem/der Defekt aufgefallen ist?

Bei Elektrodefekten: Wurde die Stromzuführung sowie die Maschine bereits von einem Elektrofachmann geprüft?

3. Additional information

INCOMPLETELY FILLED SERVICE FORMS CANNOT BE PROCESSED!
FOR GUARANTEE CLAIMS PLEASE ADD A COPY OF YOUR ORIGINAL SALES /
DELIVERY RECEIPT OTHERWISE IT CANNOT BE ACCEPTED.
FOR SPARE PART ORDERS PLEASE ADD TO THIS SERVICE FORM A COPY OF
THE RESPECTIVE EXPLODED DRAWING WITH THE REQUIRED SPARE PARTS
BEING MARKED CLEARLY AND UNMISTAKABLE.
THIS HELPS US TO IDENTIFY THE REQUIRED SPARE PARTS FASTLY AND ACCE-
LERATES THE HANDLING OF YOUR INQUIRY.

THANK YOU FOR YOUR COOPERATION!!

Bitte Beachten

UNVOLLSTÄNDIG AUSGEFÜLLTE FORMULARE KÖNNEN NICHT BEARBEITET
WERDEN!

GARANTIEANTRÄGE KÖNNEN AUSSCHLIESSLICH UNTER BEILAGE DES
KAUFBELEGES/ABLIEFERBELEGES AKZEPTIERT WERDEN.

BEI ERSATZTEILBESTELLUNGEN LEGEN SIE DIESEM FORMULAR EINE KOPIE
DER BETREFFENDEN ERSATZTEILZEICHNUNG BEI! MARKIEREN SIE DARAUF
DIE BENÖTIGTEN ERSATZTEILE. DIES ERLEICHTERT UNS DIE IDENTIFIZIE-
RUNG UND ERMÖGLICHT SO EINE RASCHERE BEARBEITUNG.

VIELN DANK!

Produktbeobachtung

Wir beobachten unsere Produkte auch nach der Auslieferung.

Um einen ständigen Verbesserungsprozess gewährleisten zu können, sind wir von Ihnen und Ihren Eindrücken beim Umgang mit unseren Produkten abhängig:

- Probleme, die beim Gebrauch des Produktes auftreten
- Fehlfunktionen, die in bestimmten Betriebssituationen auftreten
- Erfahrungen, die für andere Benutzer wichtig sein können

Wir bitten Sie, derartige Beobachtungen zu notieren und an diese per E-Mail, Fax oder Post an uns zu senden:

Product experience form

We observe the quality of our delivered products in the frame of a Quality Management policy.

Your opinion is essential for further product development and product choice. Please let us know about your:

- Impressions and suggestions for improvement.
- experiences that may be useful for other users and for product design
- Experiences with malfunctions that occur in specific operation modes

We would like to ask you to note down your experiences and observations and send them to us via FAX, E-Mail or by post:

Meine Beobachtungen/ My experiences:

Name: Product: Purchase date: Purchased from: My Email:
Thank you for your kind cooperation!

KONTAKTADRESSE / CONTACTS:

HOLZMANN MASCHINEN GmbH

4170 Haslach, Marktplatz 4 AUSTRIA

Fax 0043 7248 61116-6

info@holzmann-maschinen.at