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Originalfassung

DE BETRIEBSANLEITUNG

Übersetzung / Translation

EN OPERATING MANUAL

BLECHSCHLAGSCHERE








GUILLOTINE SHEAR



BSS1000
BSS1300



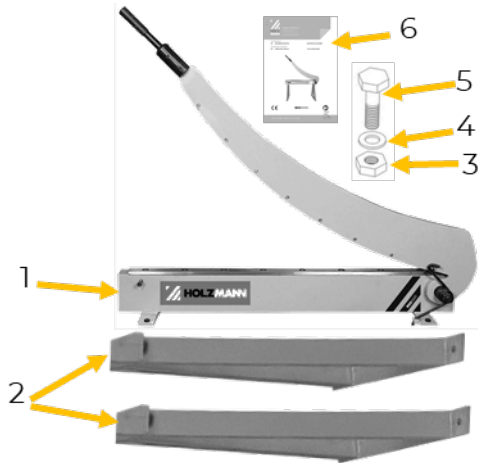
2 SICHERHEITSZEICHEN / SAFETY SIGNS

DE	SICHERHEITSZEICHEN BEDEUTUNG DER SYMBOLE	EN	SAFETY SIGNS DEFINITION OF SYMBOLS
	DE BETRIEBSANLEITUNG LESEN! Lesen Sie die Betriebs- und Wartungsanleitung Ihres Produktes aufmerksam durch und machen Sie sich mit den Bedienelementen des Produktes gut vertraut, um das Produkt ordnungsgemäß zu bedienen und so Schäden an Mensch und Produkt vorzubeugen. EN READ THE MANUAL! Read the user and maintenance carefully and get familiar with the controls in order to use the product correctly and to avoid injuries and product defects.		
  	DE Persönliche Schutzausrüstung tragen! EN Wear protective equipment!		
	DE Hineinfassen verboten! EN Don not reach in!		
	DE Warnung vor Quetschverletzungen! EN Warning of crush injuries!		
	DE Warnung vor Schnittverletzungen! EN Warning of crush injuries!		
DE	Warnschilder und/oder Aufkleber am Produkt, die unleserlich sind oder die entfernt wurden, sind umgehend zu erneuern!		
EN	Missing or non-readable security stickers have to be replaced immediately!		



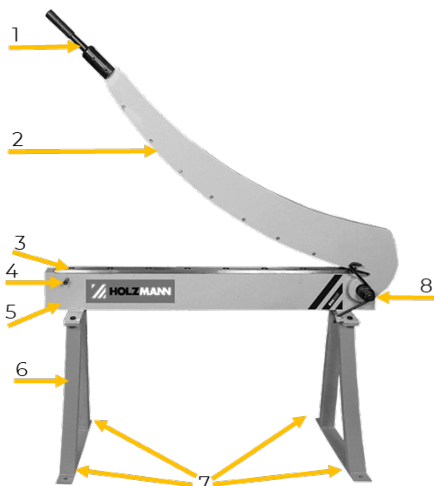
3 TECHNIK / TECHNICS

3.1 Lieferumfang / Delivery content



	Bezeichnung / Description	Qty.
1	Ober- und Untermesser / upper and lower blade	1
2	Fußteil / foot section	2
3	Mutter / nut	4
4	Unterlegscheibe / washer	4
5	Schraube / screw	4
6	Betriebsanleitung / user manual	1

3.2 Komponenten / Components



	Bezeichnung / Description
1	Griff / handle
2	Schneidhebel mit Obermesser / cutting lever with upper blade
3	Untermesser / lower blade
4	Anschlag / gauge
5	Träger / support
6	Fußteil / foot section
7	Befestigungslöcher / fixing holes
8	Feder / spring

3.3 Technische Daten / Technical Data

Spezifikation / specification	BSS1000	BSS1300
Schnittlänge / cutting length	1000 mm	1300 mm
max. Blechstärke / max. sheet metal thickness	1,5 mm	
Stellmaße / foot print	1110 × 500 mm	1410 × 500 mm
Arbeitshöhe / working height	670 mm	670 mm
Gewicht Netto / weight net	56 kg	65 kg
Gewicht Brutto / weight gross	70 kg	80 kg
Produktmaße (L×B×H) / product dimensions (L×W×H)	1380 × 500 × 735 mm	1680 × 500 × 735 mm
Verpackungsmaße (L×B×H) / packaging dimensions (L×W×H)	1300 × 260 × 570 mm	1600 × 260 × 570 mm



11 PREFACE (EN)

Dear Customer!

This manual contains information and important notes for safe commissioning and handling of the GUILLOTINE SHEAR BBS1000 and BBS1300, hereinafter referred to as “product” in this document.



This manual is part of the product and must not be removed. Save it for later reference and if you let other people use the product, add this manual to the product.

Please read and note the safety instructions!

Due to constant advancements in product design, construction, illustrations and contents may deviate slightly. If you notice any errors, please inform us.

We reserve the right to make technical changes!

Check the goods immediately after receipt and note any complaints on the consignment note when taking over the goods from the deliverer!

Transport damage must be reported to us separately to us within 24 hours.

HOLZMANN MASCHINEN GmbH cannot accept any liability for transport damage that has not been reported.

Copyright

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This documentation is protected by copyright. All rights reserved! In particular, the reprint, translation and extraction of photos and illustrations will be prosecuted.

The place of jurisdiction is the regional court Linz or the court responsible for 4170 Haslach is valid.

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12 SAFETY

This section contains information and important notes on safe commissioning and handling of the product.



For your safety, please read these operating instructions carefully before commissioning. This will enable you to handle the product safely and prevent misunderstandings as well as personal injury and damage to property. In addition, observe the symbols and pictograms used on the product as well as the safety and danger information!

12.1 Intended use of the product

The product is intended exclusively for the following activities:
Cutting of sheet metal within the technical application limits.

HOLZMANN MASCHINEN GmbH accepts no responsibility or warranty for any other use or use beyond this and any resulting damage to property or injury.

12.1.1 Technical Restrictions

The product is intended for use under the following ambient conditions:

Rel. Humidity	max. 65 %
Temperature (operation)	+5° C to +40° C
Temperature (storage, transport)	-25° C to +55° C

12.1.2 Prohibited applications / Hazardous misapplications

- Operation of the product without adequate physical and mental aptitude
- Operating the product without knowledge of the operating instructions
- Changes in the design of the product
- Operating the product in the rain or in a humid environment
- Remove the safety markings attached to the product.
- Modify, circumvent or disable the safety devices of the product.

The improper use or disregard of the versions and instructions presented in this manual will result in the voiding of all warranty and damage claims against HOLZMANN MASCHINEN GmbH.

12.2 User requirements

The physical and mental suitability as well as knowledge and understanding of the operating instructions are prerequisites for operating the product.

The product is designed in such a way that one person cannot simultaneously cut and hold a sheet of metal. For safety reasons, always work in pairs when cutting sheet metal with the product - one person holds the sheet metal, the other operates the cutting lever. The person holding the sheet also instructs the person cutting when to cut, so that there is no danger to the "holder" from the cut.

Please note that local laws and regulations may determine the minimum age of the operator and restrict the use of this product!

Put on personal protective equipment before starting work with/on the product.

12.3 General safety instructions

To avoid malfunctions, damage and health hazards when working with the product, in addition to the general rules for safe working, the following points in particular must be observed:

- Before commissioning, check the product for completeness and function.
- Choose a level, non-slip surface as the installation location.
- Ensure sufficient space around the product!
- Ensure sufficient lighting conditions at the workplace!
- Make sure you have a secure footing when working.
- Only use perfect tools that are free of cracks and other faults (e.g. deformations).



- Remove setting tools from the product before each use.
- Keep the area around the product free of obstacles (e.g. dust, cutting waste, etc.).
- Check the strength of the product connections before each use.
- Never leave the product unattended with the blade open.
- Ensure that the closed blade is secured by lashing straps so that it cannot open on its own and injure anyone.
- Make sure that your fingers or other parts of your body do not get between the blades and the lever mechanism. This can lead to serious cuts and severe bruising.
- Ensure that unauthorised persons maintain a safe distance from the product and keep children away from the product.
- Wear suitable work clothing (tight-fitting work clothing, eye protection, ear protection, work gloves, safety shoes).
- Do not work on the product if you are tired, not concentrated or under the influence of medication, alcohol or drugs!
- The product may only be operated, serviced or repaired by persons who are familiar with it and who have been informed of the dangers arising in the course of this work.
- Always work with care and the necessary caution. Never use excessive force and do not overstress the product.
- Always use the original lever for shearing. Do not use extension tubes or anything else to increase the leverage of the product.
- Secure the product against unauthorised commissioning before cleaning, maintenance or repair work.
- Warning signs and/or stickers on the machine that are illegible or have been removed must be replaced immediately!

12.4 Special safety instructions for this product

- Never touch the blades while the upper blade is moving up or down.
- When holding the workpiece, make sure that the hands are at least 100 mm away from the blades. Use a support if you cannot maintain the distance.
- The minimum width of the workpiece to be machined should be 100 mm, when using a support.
- Make sure that the upper blade is closed when the product is not in use.
- Anchor the product to the ground to prevent the product from lifting off or falling over when cutting!

12.5 Hazard Warnings

1251 Residual risks

Despite their intended use, certain residual risks remain.

- Risk of injury to hands/fingers from the cutting blades during use.
- Risk of cutting hands/fingers on the cutting edges of the workpiece.
- Risk of injury from the workpiece falling down.

1252 Hazardous situations

Due to the structure and construction of the product, hazardous situations may occur when handling the product:

DANGER



A safety instruction designed in this way indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING



Such a safety instruction indicates a potentially hazardous situation which, if not avoided, may result in serious injury or even death.

CAUTION



A safety instruction designed in this way indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**NOTE**

A safety notice designed in this way indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Irrespective of all safety regulations, your sound common sense and corresponding technical suitability/training are and remain the most important safety factor in the error-free operation of the product. **Safe working depends first and foremost on you!**

13 TRANSPORT

WARNING

Damaged or insufficiently strong hoists and load slings can result in serious injury or even death.

- Before use, therefore, check hoists and load slings for adequate load-bearing capacity and perfect condition.
- Secure the loads carefully and never stand under suspended loads!

To ensure proper transport, observe the instructions and information on the transport packaging regarding centre of gravity, attachment points, weight, means of transport to be used and the prescribed transport position, etc.

Transport the product in its packaging to the place of installation. To manoeuvre the product in the packaging, a pallet truck or forklift truck with the appropriate lifting force can be used, for example. Ensure that the selected lifting equipment (crane, forklift, pallet truck, load sling, etc.) is in perfect condition. Lifting and transporting the product may only be carried out by qualified personnel with appropriate training for the lifting equipment used.

14 ASSEMBLY

14.1 Preparatory activities

14.1.1 Checking delivery content

Always note visible transport damage on the delivery note and check the product immediately after unpacking for transport damage or missing or damaged parts. Report any damage to the product or missing parts immediately to your retailer or freight forwarder.

14.1.2 Surface

Before you install and commission the product at the intended location, carefully remove the anti-corrosion protection and grease residues.

Under no circumstances should you use nitro thinner or other cleaning agents that could attack the product's paint. Oil bare product parts with an acid-free lubricating oil. Lubricate movable parts before first use.

NOTE

The use of paint thinners, petrol, aggressive chemicals or scouring agents will cause material damage to the surfaces! Therefore: Only use mild cleaning agents for cleaning.

14.1.3 Requirements for the installation site

Place the product on a solid surface. A concrete floor is the best foundation for the product. The space required by the product and the required load-bearing capacity of the subfloor result from the technical data (dimensions, weight) of your product. When designing the working area



around the product, observe the local safety regulations. When dimensioning the required space, take into account that the operation, maintenance and repair of the product must be possible without restrictions at all times.

WARNING



Danger of tipping over!

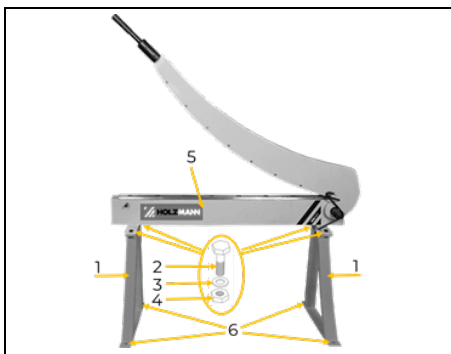
Unanchored product can tip over and cause injuries.

→ Before commissioning, anchor the product!

The base frame of the product has fixing holes by means of which the product is to be anchored. This prevents the product from moving during operation and possible damage or injury.

14.2 Assembling the product

The parts of the product are heavy, work in pairs when assembling according to the instructions below:



1. Fit the two foot sections (1) to the support (5) using the screws (2), washers (3) and nuts (4).
2. Tighten all screw connections to avoid wobbling (slipping) during operation.
3. Finally anchor the product to the ground (6).

NOTE: Required fixing material is not included in the scope of delivery.

15 OPERATION

15.1 Operating Instructions

- Take enough time to familiarize yourself with the product's operation and carry out test cuts with different contact pressures on practice pieces made of different materials.
- You need the least force for cutting if you push the workpiece as far as possible between the blades.
- Cut only "clean" sheets. Weld seams, stones or other dirt and unevenness will lead to heavy and uneven wear or destruction of the blades!
- For safety reasons, always work in pairs when cutting.
- Before operating, make sure that the upper and lower blades are firmly mounted.
- Hold the workpiece firmly. Use a support if necessary.
- Press the cutting lever slowly and evenly so that the sheet to be cut does not become tangled.
- Never touch the blades during the downwards or upwards movement of the upper blade.
- Check the cutting gap before operating. The cutting gap between the upper and lower blade should be even over the entire cutting length and be approx. 0.05 mm.

15.2 Handling

WARNING



Risk of injury!

Careless operation of the product can lead to serious injuries.

- Keep your hands at a safe distance from the blade!
- Watch out for falling parts, especially with larger workpieces!
- Wear cut-resistant gloves to reduce the risk of injury from the sharp edges.

If necessary, mark the cutting line on the workpiece.



1. Push the cutting lever upwards, the upper blade moves upwards.
2. Slide the workpiece between the upper and lower blades to the desired position.
3. Press the cutting lever down evenly as it reaches the gauge.
4. Guide the cutting lever back up after cut and secure it against unintentional sliding down (operating handle in safety device).
5. Remove the workpiece and the cut away parts from the working area.

Larger workpieces with a longer cutting line require greater force, thus pressing the cutting lever several times is necessary. Hold larger workpieces particularly firmly. Pressing the cutting lever several times can cause the workpiece to slip slightly, which leads to an inaccurate cutting result.

16 CLEANING, MAINTENANCE, STORAGE, DISPOSAL

WARNING

**Danger from sharp blades!**

Careless handling can lead to serious injuries!

- Be especially careful when cleaning, adjusting or maintaining the upper and/or lower blade.
- Be sure to wear cut-resistant gloves when working on the blades!

16.1 Cleaning

Regular cleaning is a prerequisite for safe operation and a long service life of the product.

NOTE



Never use aggressive cleaning agents or solvents that could damage the product's paintwork. Observe the information and instructions of the cleaning agent manufacturer!

- Clean the product only with a slightly moistened cotton cloth.
- Always keep all handles clean, dry and free of oil and grease!

16.2 Maintenance

The product is low-maintenance and only a few parts have to be serviced. Nevertheless, any faults or defects which may affect the safety of the user must be rectified immediately!

- Before each operation, check that the safety devices are in perfect condition.
- Check the connections for tightness at least once a week.
- Regularly check that the warning and safety labels on the product are in perfect condition.

16.2.1 Maintenance Plan

NOTE



Only use spare parts recommended by the manufacturer/retailer!

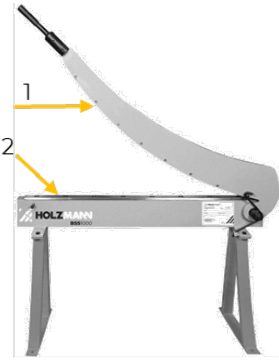
The type and degree of product wear depend to a large extent on the operating conditions. The following intervals apply when the product is used within the specified limits:

- Lubricate all moving parts of the product daily.
- Grease the blades continuously so that they do not rust.
- If necessary, have the blades resharpened or replaced.

16.2.2 Replacing blades

Always replace the upper and lower blades. First dismantle the upper blade, then the lower blade. Reassemble the two blades in reverse order. Work with great care!



	<ul style="list-style-type: none">• Open the cutting lever and fix this position (cutting lever in safety device).• First remove the upper blade (1), then the lower blade (2) by loosening the respective screws and removing the blade.• Clean the support plates of the upper and lower blades thoroughly. Impurities lead to inaccurate blade position and consequently to inaccurate cutting results.• First place the new lower blade on the support plate and screw the countersunk screws only tightly.• Align the lower blade parallel to the support plate.• Tighten the countersunk screws.• Place the upper blade in the carrier plate and tighten the countersunk screws only slightly.• Adjust the position of the upper blade and tighten the screws.• Check the cutting gap and the even alignment of the new blades. The cutting gap should be approx. 0.05 mm over the entire cutting length.
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16.3 Storage

NOTE



Improper storage can damage and destroy important components. Only store packed or unpacked parts under suitable ambient conditions.

When not in use for a longer period, store the covered product in a dry, frost-proof, lockable place to prevent the formation of rust on the one hand and to keep unauthorised persons and especially children away from the product on the other.

16.4 Disposal



Observe the national waste disposal regulations. Never dispose of the product, product components or equipment in residual waste. If necessary, contact your local authorities for information on the disposal options available.

If you buy a new product or an equivalent device from your specialist dealer, he is obliged in certain countries to dispose of your old product properly.

17 TROUBLESHOOTING

WARNING



Danger from sharp blade!

Careless handling can lead to serious injuries!

- Be especially careful when working on the upper and/or lower blade during adjustment or maintenance work.
- Be sure to wear cut-resistant gloves when working on the blades!

Problem	Possible cause	Solution
moving parts run tight	<ul style="list-style-type: none">• moving parts not sufficiently greased	<ul style="list-style-type: none">• grease moving parts
sheet metal cannot be cut through	<ul style="list-style-type: none">• sheet thickness too high• cutting gap too large	<ul style="list-style-type: none">• reduce sheet thickness• adjust cutting gap
sheet metal throws up bends	<ul style="list-style-type: none">• cutting length too long	<ul style="list-style-type: none">• reduce cutting length; work only in the rear area of the scissors
blades fringe out	<ul style="list-style-type: none">• cutting gap too large	<ul style="list-style-type: none">• adjust cutting gap
	<ul style="list-style-type: none">• wrong materials, dirt, welding seams	<ul style="list-style-type: none">• replace blades



18 ERSATZTEILE / SPARE PARTS

18.1 Ersatzteilbestellung / Spare parts order

(DE) 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/Teile nur vom Hersteller empfohlene Ersatzteile verwenden.

Bestellen Sie die Ersatzteile direkt auf unserer Homepage – Kategorie ERSATZTEILE, oder kontaktieren Sie unseren Kundendienst

- über unsere Homepage-Kategorie SERVICE-ERSATZTEILANFORDERUNG,
- per Mail an service@holzmann-maschinen.at.

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, falls Sie nicht über den Online-Ersatzteilkatalog anfragen.

(EN) With original HOLZMANN spare parts you use parts that are attuned to each other shorten the installation time and elongate your products lifespan.

NOTE



The installation of parts other than original spare parts leads to the loss of the guarantee! Therefore: When replacing components/parts, only use spare parts recommended by the manufacturer.

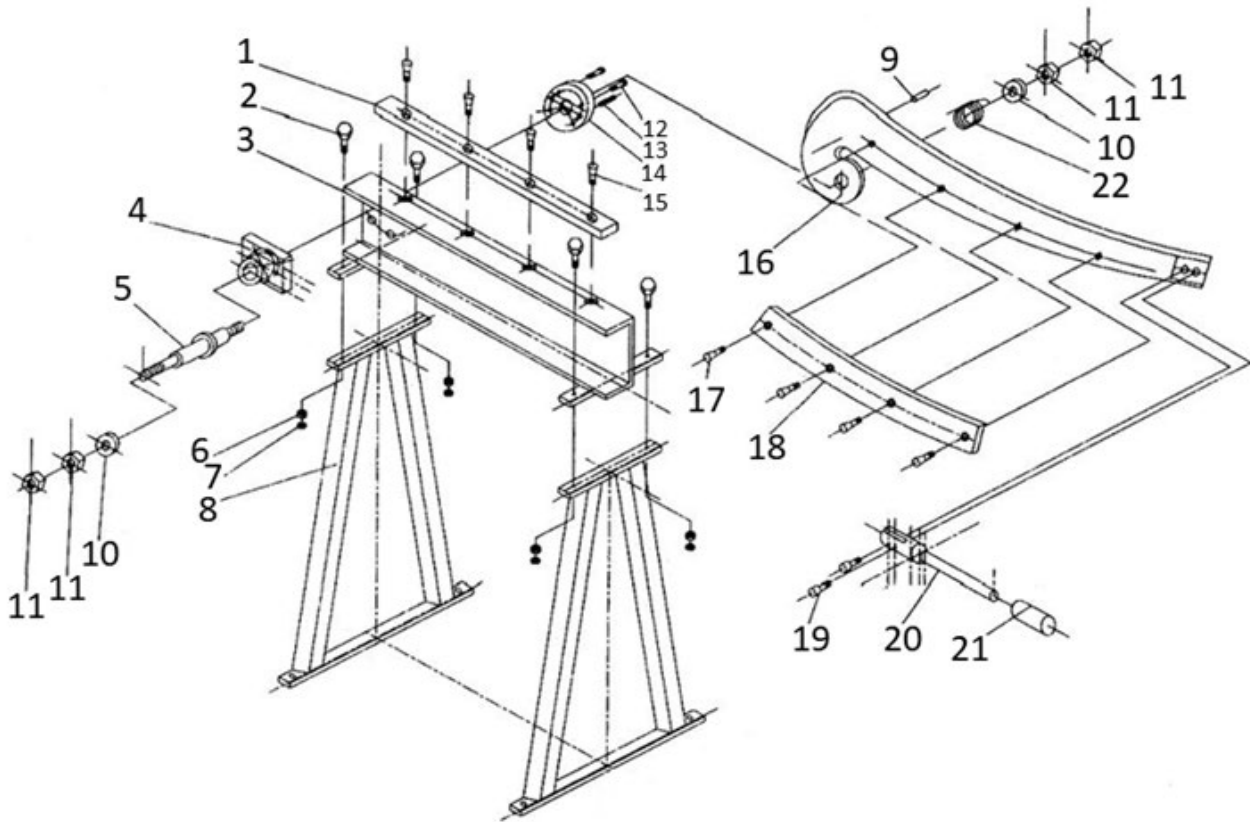
Order the spare parts directly on our homepage – category SPARE PARTS or contact our customer service

- via our Homepage-category SERVICE-SPARE PARTS REQUEST,
- by e-mail to service@holzmann-maschinen.at.

Always state the product type, spare part number and designation. To prevent misunderstandings, we recommend that you add a copy of the spare parts drawing with the spare parts order, on which the required spare parts are clearly marked especially when not using the online-spare-part catalogue.



18.2 Explosionszeichnung / Exploded view



	Bezeichnung / description	Qty.		Bezeichnung / description	Qty.
1	Untere Klinge / lower blade	1	12	Schraube / screw	4
2	Schraube / screw	4	13	Stift / pin	2
3	Träger / support	1	14	Abdeckung / cover	1
4	Aufnahme/ retainer	1	15	Schraube / screw	4
5	Achse / shaft	1	16	Platte / plate	1
6	Scheibe / washer	4	17	Schraube / screw	4
7	Mutter / nut	4	18	Obere Klinge / upper blade	1
8	Fußteil / foot section	2	19	Schraube / screw	2
9	Feder / spring	1	20	Griffstange / handle bar	1
10	Scheibe / washer	4	21	Griffschutz / handle protection	1
11	Mutter / nut	1	22	Feder / spring	1