



**UNIVERSAL**  
FLOORING SOLUTIONS

# UFS 65 TORNADO T-HANDLE STRIPPER

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## OPERATION MANUAL



### **SAFETY & OPERATION MANUAL & PARTS LISTING**

CAUTION: Read the instruction manual before using the appliance.



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## 1. PRELIMINARY NOTES

Dear customer,

Thank you for purchasing the UFS 65 Tornado T-handle Stripper, the correct choice for quality and performance. This operation manual contains important notes for the operation of your machine.

 Note:

Please read the operation manual carefully, in particular the safety notes and ensure that all operators read this operation manual prior to operate the machine.

Adherence to the safety notes not only helps to protect against potential danger to health and personal safety but also prevents an improper utilization of the machine.

Pay attention and adhere to all warning labels on the machine. Replace any missing or damaged labels immediately.

It is too late if you do it while working!

Never allow anybody without sufficient skills and knowledge to operate the machine.

The operation manual identify important notes on safety and damage prevention using the following symbols:

 Warning!

Designates a potentially hazardous situation.  
Please note that failure could cause death or injuries.

 Attention!

Designates a dangerous situation.  
Please note that failure could cause damages at products or others.

 Note!

Important notes on the operation, intended for an optimum utilization of the equipment and other useful information.



The operation manual is intended to accompany the machine.

The operation manual has been prepared by the manufacturer on the basis of his knowledge and experience with respect to design, production and operation.

Specific instructions of the user may be added to these operation manual (for example to refer to surveillance and reporting regulations, inter-company maintenance and inspection schedules. The inspection intervals are in accordance with VBG 4 §§ 3 and 5 und § 20 GefStoffV (Regulations of hazardous materials).

### **1.1. GENERAL NOTES FOR THE OPERATOR**

As a operator you are responsible for:

- The proper and normal operation by trained persons only,
- The adherence to the safety regulations, the safety notes, and the provisions referring to working safety and accident prevention,
- The technical instruction of the operation personnel on the equipment and their reading of the operation instructions of the equipment.

### **1.2. DESCRIPTION OF THE TORNADO "CLASSIC"**

The Tornado Stripper is used for removing adhered flooring coverings like PVC, broadloom carpet and lino.

The blade is eccentric propelled, thus the blade peels the flooring covering from the substrate.

### **1.3. STORAGE**



Caution!

Please store the machine dry.

Please store the machine without blade to avoid injuries!



## 1.4. WARRANTY AND LIABILITY

Universal Flooring Solutions warranty is in accordance with our currently valid general business and sales conditions. The warranty runs out after 12 months from purchase date.

We reject any warranty claims for tools which are not in their original condition, or for altered or changed tools or tools are not used in accordance with their intended purpose.

The warranty claim expires:

- In case of damages caused by improper operation and utilization other than intended use.
- In case of incorrect assembly, intervention of unauthorized persons or utilization of accessories or replacement parts that are not UFS original parts.

We strongly recommend the use of genuine UFS spare parts and accessories even after expiration of the warranty period. This is the only way to ensure an reliable operation of your machine.



Note!

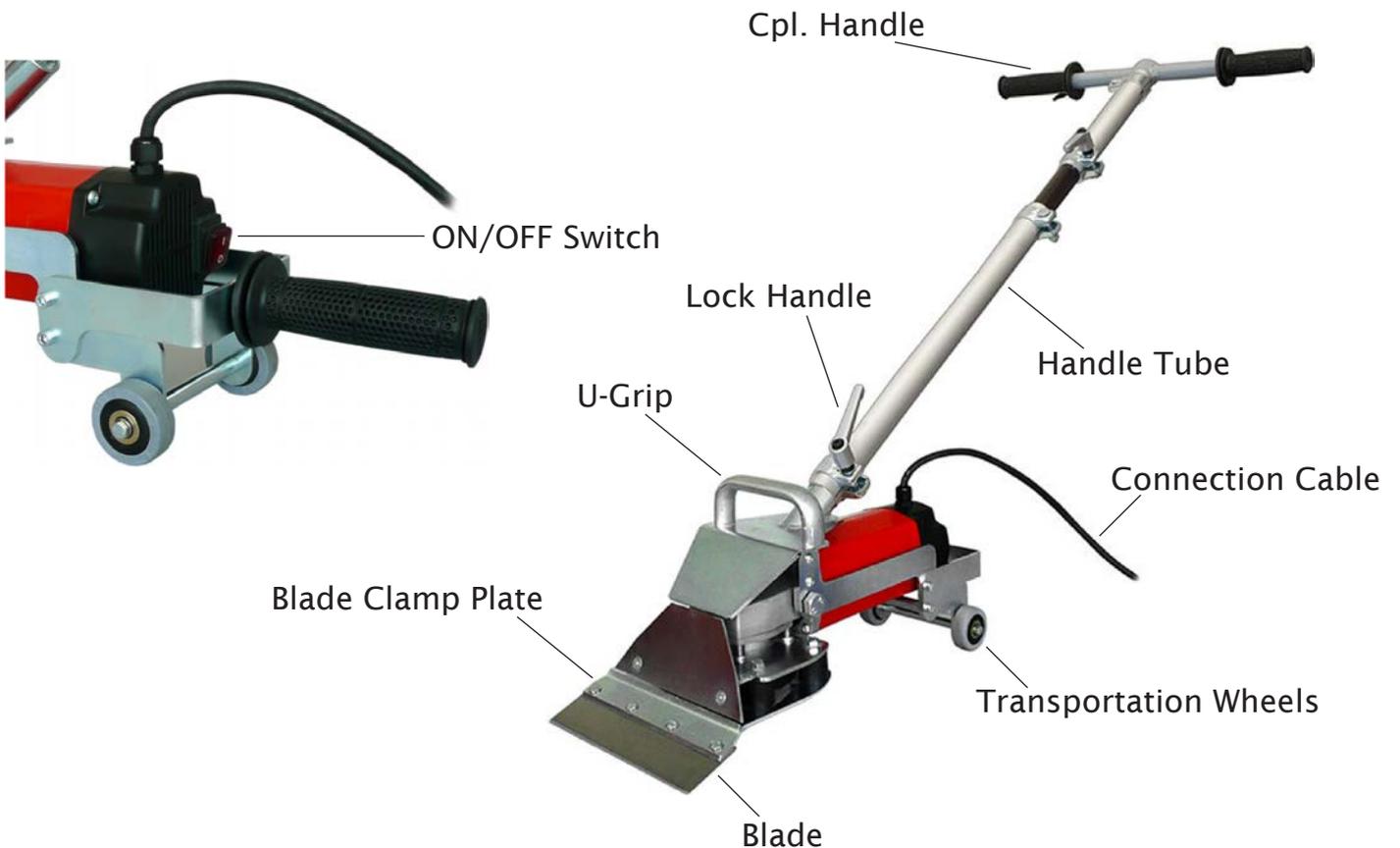
Check the shipment in order to ensure that it is complete in accordance with the chapter, “scope of delivery”, and inform your dealer immediately, should any shipment be incorrect.

## 1.5. CONFORMITY

The machine is constructed and produced according to harmonized norms. The Declaration of conformity according to the regulations of the guidelines 98 / 37 / the EC and 89 / 336 / European Economic Community is added at the end of the manual.



## 1.6. DESCRIPTION



## 1.7. ACCESSORIES

Standard accessories: 1 x Blade 60mm x 210mm, Art. No. 17. 14580  
1 x Metal holder for conversion to Handstripper

1 x U-blade 60mm x 210mm, Art. No. 17.14592, U-shape, self-cutting due to the 45° bent edges  
1 x Blade Art. No. 17.14581, Special blade 60mm x 210mm hardened, 1,5mm thick



## **2. SAFETY NOTES**

### **2.1. GENERAL INFORMATION**

Adherence to the safety notes helps to protect against injuries and reduces the risk of an improper utilization of the machine. Every user of this machine and personnel charged with the assembly, maintenance or repair of this machine must have read and understood the contents of the instructions prior to starting any work.

### **2.2. DESIGNATED USE**

The Tornado Stripper is used for removing adhered flooring coverings like PVC, broadloom carpet and lino.

Using the machine outdoors is not allowed.

If the machine is used for purposes other than those intended, the manufacturer of the machine can not be held liable for any damage to persons, property or pets resulting from such misuse.

### **2.3. DANGEROUSNESS OF THE MACHINE**

The Tornado Stripper was designed and produced for its intended use in accordance with the latest basic safety and health regulations.

Due to the fact that the machine is small and compact the user is tempted to use it improperly.

This can bear unforeseeable risks.

If the machine is switched on while being lifted away from the floor, there is danger of injuries. Things may be damaged or destroyed.



## 2.4. BASIC SAFETY NOTES

The Tornado Stripper was designed and constructed for its intended use in accordance with the generally approved rules of technology, the industrial safety and accident prevention regulations, and the directive for the safety of machines of the EC.

- Certain dangers may be occurring during the operation of the machine despite all safety and security measures and facilities. This is especially true if the cause are due to:
  - improper operation or
  - improper application
- Failing to adhere to the operation instructions, in particular to the safety notes, will create danger of injuries or even of fatal injuries as also danger of damage to physical assets.



Warning, Danger of electrical shocks

Do not use damaged lines and plugs.

The machine may be operated only in a technically flawless condition and with all safety facilities fully operational.

## 2.5. PREREQUISITES FOR THE USER

The users of the machine are required to:

- be instructed with the operation of the machine,
- be familiar with and able to execute the operations required for the handling and assembly of the machine,
- be aware of and know the applicable safety regulations for the operation of such machines and adhere to these (cf. The chapter “Preliminary marks”),
- be informed about possible additional local (national) regulations (e.g. with respect to safety facilities),
- be informed about potential threats and dangers arising from the operation of such machines.



## 2.6. INSPECTION WITH ACCORDANCE WITH VBG 4 & 5 (1) NR. 2

The user is responsible for ensuring that the machine is inspected with respect to its proper operation in intervals of 6 months. The inspection may only be executed by a skilled electrician or by personnel that has been trained in electrical skills, provided that suitable measuring and test equipment is used.

## 2.7. SAFETY NOTES

With non-observance or disregard of these instructions heavy injuries and/or damages can be caused. Read and keep all safety notes.

### 2.7.1. SAFETY INSTRUCTIONS (OPERATION)



Warning! Danger of life!

When crossing and damaging the electrical cable: DANGER due to electric shock!

Perform a safety check prior to each start of the machine:

- Inspect the connecting cables and connectors/pugs for damage and improper connected load.
- Route the electrical cables properly to prevent persons tripping over them.
- Do not switch on the machine until it is in working position.
- Hold the machine firmly with both hands at the handle.
- Switch off the machine immediately when the operation is completed.
- Secure the machine against accidental tipping over.



Should there be problems with the electricity supply (protections, relays etc.) please contact a specified electrician.



Switch off and disconnect the machine for maintenance and repair.



Never use the machine with a defective cable; this can lead to an electric shock. Do not pull the machine at the cable. Use only intact plugs and cables.



It can come for injuries or deaths by electric shock if the cable is damaged. Hold the cable far from the lower part of the machine, so that it cannot get into contact with the blade. Lead the cable always to the back away.



Should the machine not be properly connected to the electric system, this can lead to deaths by electric shock. For a maximum protection against electric blows you use please an electric system with safety switch.

Suggested maximum cable length 7m, for longer cables use a bigger cross section. With the use of the machine with cable of insufficient cross section and/or excessive length, this can lead to material damages or personal damages.

### 2.7.2. SAFETY NOTES NOISE



The noise that is created during the operation of the machine depends on many factors. All the possible application types and the local regulations, such as the size of the rooms and the features of the ground affect the development of the noise.

Therefore the local operator has to assess the effect and order the precautionary wearing of ear protections at all times.

### 2.7.3. SAFETY NOTES OPERATION



Keep hands, feet and clothes away from the machine parts located in work.



The parts in movement of this machine can cause injuries and/or damage.



Do not use the machine, before this has been completely mounted. Keep all connection elements closed.



Do not screw or rivet signs on the machine, you can destroy the protective insulation! Adhere only stickers!



Maintenance and repair by uncertified staff can lead to injuries or damages and will void any warranties.



Should the machine be exposed to water or rain, there is a possibility of electric shock. The machine must be stored in a dry building.



### 3. GENERAL INSTRUCTIONS FOR THE USER

#### 3.1. SCOPE OF DELIVERY



Item	Description
1	Tornado Stripper T-Handle Stripper
2	1 x blade 60mm x 210mm (dismounted)
3	Wrench 10-13
4	Metal holder for conversion to Handstripper (demounted)
5	Operation manual



### 3.2. DIMENSIONS/WEIGHT/TECHNICAL DETAILS

Total Weight:	14.3kg	Voltage:	230V
Rotation:	6600rpm	Working Width:	210mm
Power:	2200W		

## 4. ASSEMBLY

- Connect separated handle tubes:  
Long tube with clamp – adapter tube – short tube – handle with clamp.
- Fix the blade as described in chapter 7.3 “Changing the blade”

## 5. TRANSPORT

In many cases it is inevitable to transport resp. carry the machine to the point of utilization. Due to the low weight and the manual measurements no instruction references are required for this.

Total weight of the machine: 14.3kg



**Caution, Fragile!**

Do not throw the machine and do not transport it without securing it onto the load area.



## 6. OPERATION

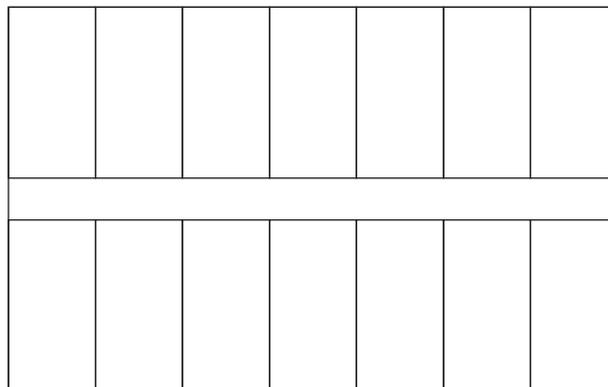
### 6.1. PREPARATION OF THE MACHINE

Adjust the handle

For a light and exact use of the machine the right height setting of the handle is important. Adjust the handle as described in chapter 4 “Assembly”

### 6.2. PREPARATION OF THE SUBSURFACE

Before using the machine cut the floor into stripes, pay attention to the working width of the Tornado Stripper of 210mm. In the case of strongly adhered products, cut into narrow strips.



We recommend removing the first strip in the middle of the room, where you can place the Tornado Stripper.



### 6.3. STARTING THE MACHINE



1. Connect the Tornado Stripper to the plug.
2. Switch on the Tornado Stripper at the switch.
3. Place the Tornado Stripper in the cut area and strip a complete strip the length of the room.
4. Afterwards place the Tornado Stripper across the cut stripe.
5. Pull the machine back with the chassis.

### 6.4. TIPS

- Pay attention that the blade is always sharp. Keep your working surroundings clean and freely from rubble to avoid an unnecessary wear on the blade.
- Do not work in a steeper angle when the substrate is soft.
- Do not cut strips wider than the working width of 210mm.
- Work from the middle of the room to the wall.
- Take care of the cable, work to the opposite direction from the power socket.
- Do not use the 130mm blade if you have harder coverings, it could be too flexible.
- The edge of the blade can be used differently – upwards or down showing. With down showing edge the blade can sharpen itself (depends on subfloor!)

## 7. MAINTENANCE AND REPAIR

### 7.1. GENERAL INFORMATION

UFS has planned maintenance and repair works for the Tornado Stripper. Only the activities that have been described below can be applied.

When doing so, it is imperative to keep the default and the described procedures. The application of original spare parts guarantees the dependable utilization of the machine in the future.



The following works have been planned:

- Cleaning (chapter 7.2)
- Changing the blade (chapter 7.3)

## 7.2. CLEANING AND MAINTENANCE



Caution!

Pull out the plug from the power connection before cleaning!

Once per week - with frequent use more often - carry out:

- Clean the air vents
- Blow out with dry pressure air
- Remove the floor covering leftovers from blade holder, etc.



Caution!

Exchange wear parts in time!

## 7.3. CHANGING THE BLADE



Caution!

Danger of cutting for the hands! Wear protective gloves!

- Unfasten the hexagonal nuts, key width 10mm, approx. half a rotation with the provided double ring key.
- Pull out the blade.
- Insert the new blade with the edge upwards.
- Fasten the hexagonal nuts.



## 7.4. SAFETY NOTES MAINTENANCE



Note!

For all works the following can be applied in general:

- The works must be done by trained personnel only.
- Any work performed on the electrical equipment must be carried out by skilled electricians only.
- The utilisation of original parts guarantees the necessary technical specifications.



Caution!

Material damages are possible!

## E. ANNEX E: SPARE PARTS LIST

### E.1. ORDERING INFORMATION FOR SPARE PARTS

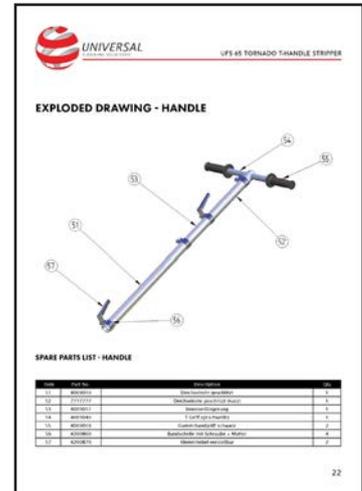
In order to avoid transmission errors and extensive descriptions it is recommended to use only the designations and the numbers stated in the spare parts list.



## E.2. ORDERING EXAMPLE

Ordering a T-handle:

1. Search for the number of the needed part in the picture (explosion view): for this example: 54.
2. Identify the correct description of the needed part in the text (legend) of the spare parts list: for this example: T-handle.
3. Identify the correspondent order number: for this example: 4009040.
4. The complete order looks like this:



Quantity	Description	Article Number
1	T-Handle	4009040

## E.3 CONTACT

Please contact Intafloors Trade Depot Customer Service Department with any questions you might have regarding distributors, parts or service:

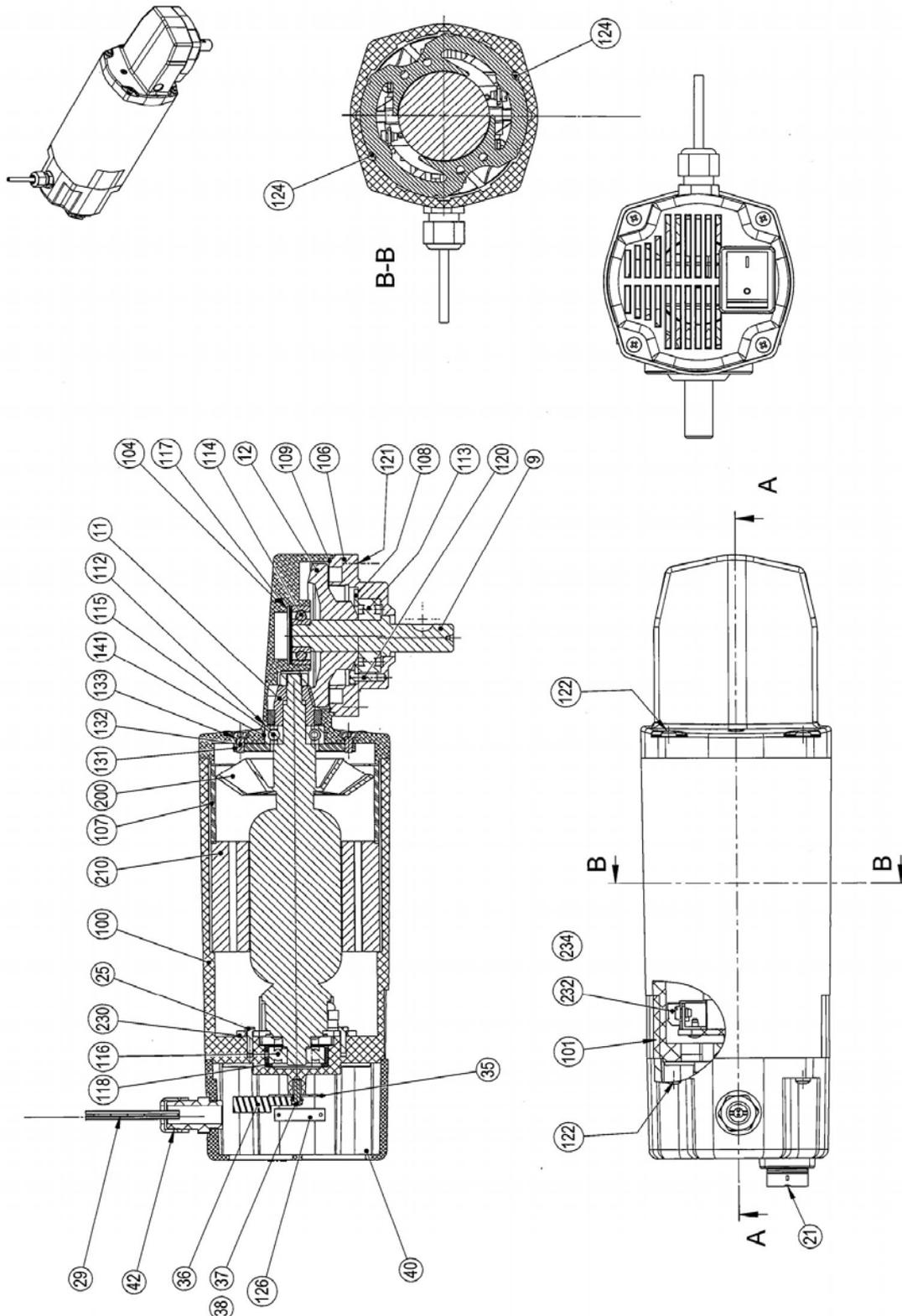
Intafloors Trade Depot Head Office  
15 Artisan Road  
Seven Hills NSW 2147

Phone: +61 (02) 8678 5479  
Fax: +61 (02) 8678 5483  
E-Mail: [sales@intafloorstrade.com.au](mailto:sales@intafloorstrade.com.au)

Customer Service Hours: Monday through Friday, 6:30am - 4:30pm GMT+10

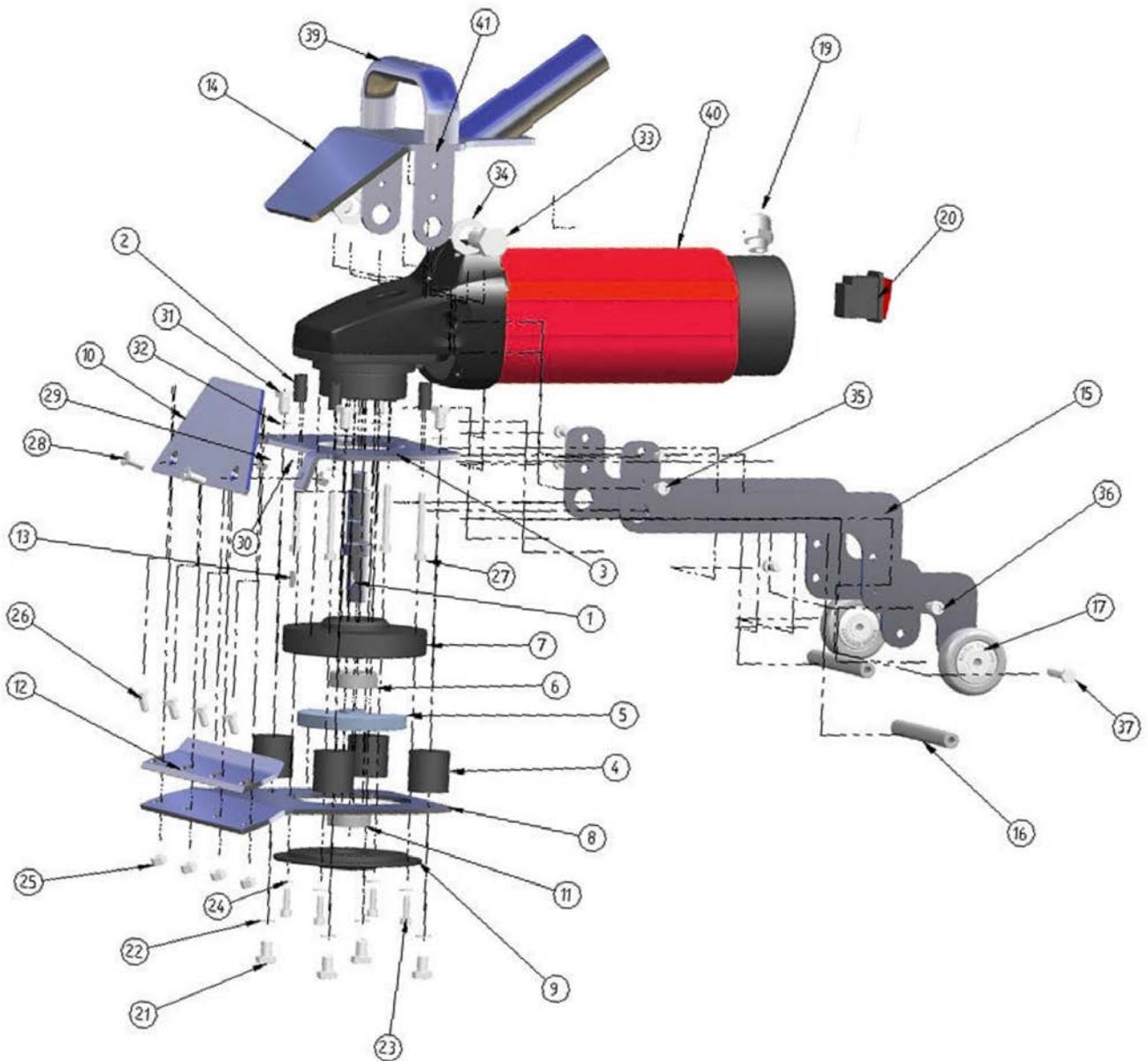


## EXPLODED DRAWING - MOTOR





## EXPLODED DRAWING - ATTACHED PARTS



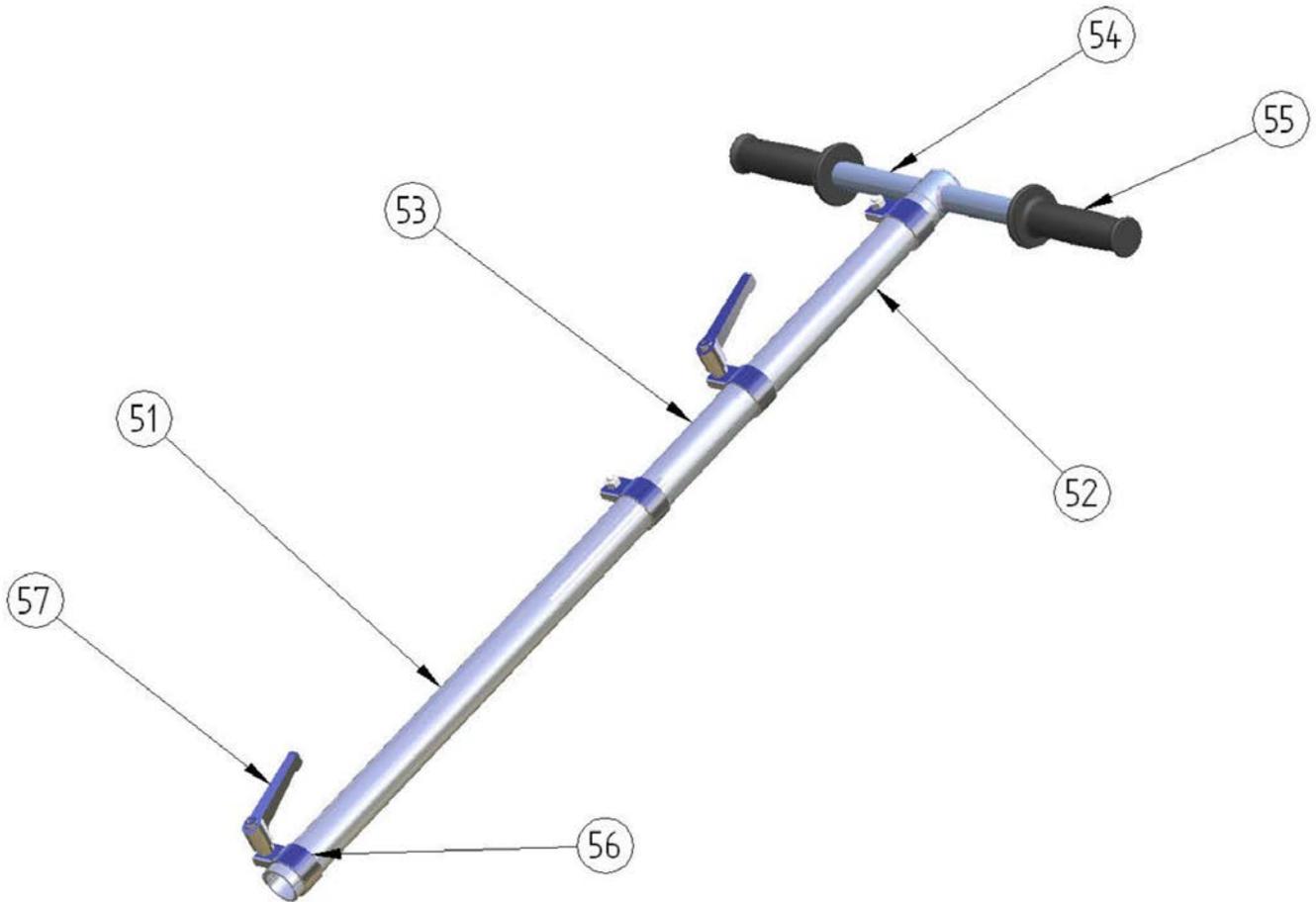


## SPARE PARTS LIST - ATTACHED PARTS

Item	Part No.	Description	Qty
1	4202055	Exzenterwelle	1
2	4202026	Distanzbüchse	4
3	4202002/1	Anschraubplatte	1
4	4005100	Vibrationsgummi	4
5	4004000	Ausgleichsgewicht	1
6	4003100	Kugellager in Oberflansch	1
7	4003000	Oberflansch	1
8	4202006	Unterplatte gebogen	1
9	4202060	Unterflansch geschlossen	1
10	4202019	Abweisplatte	1
11	4006100	Kugellager in Unterflansch	1
12	4202018	Messerklemmplatte	1
13	4008100	Scheibenfeder für Welle (Rundkeil)	1
14	4202009	Befestigungsbügel	1
15	4202011	Strebe (Fahrgestell)	2
16	4202016	Achse (Fahrgestell)	2
17	4202015	Transportrad	2
19	4200852+853	Kabelverschraubung inkl. Mutter	1
20	4200858	Wippenschalter 16A	1
21	5630812	Sechskantschraube (=Pos. 31)	2
22	5670800	Sicherungsscheibe (=Pos. 32)	4
23	5620516	Inbusschraube	4
24	5670500	Sicherungsscheibe	4
25	5640601	Sechskantmutter	4
26	5630612	Sechskantschraube	4
27	5620545	Inbusschraube	4
28	5610616	Senkschraube	2
29	5640601	Sechskantmutter	2
30	5670500	Sicherungsscheibe	4
31	5630812	Sechskantschraube (=Pos. 21)	4
32	5670800	Sicherungsring (=Pos. 22)	4
33	5631425	Sechskantschraube	2
34	5661401	Sicherungsscheibe	2
35	5620608	Inbusschraube	4
36	5620612	Inbusschraube	2
37	5630635	Sechskantschraube	2
39	4009300	U-Griff	1
40	4009700	Anbaumotor 230V 50Hz 2200W	1
41	5690812	Schraube f. U-Griff	2



## EXPLODED DRAWING - HANDLE

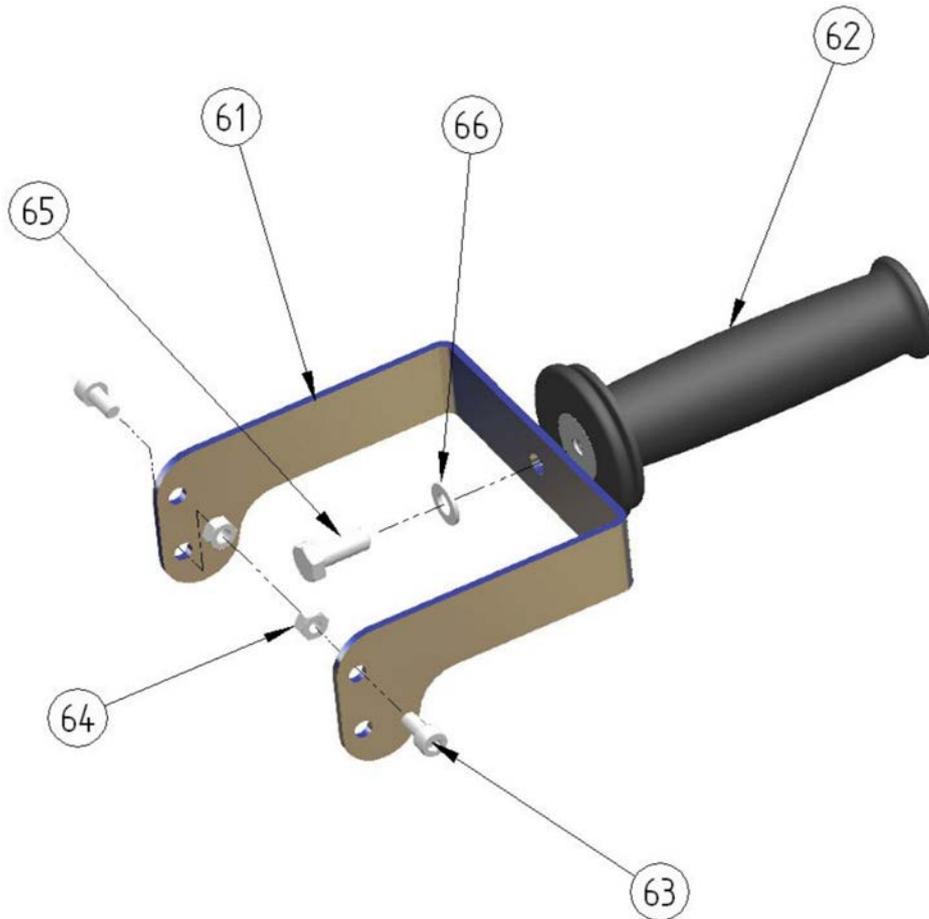


## SPARE PARTS LIST - HANDLE

Item	Part No.	Description	Qty
51	4009010	Deichselrohr geschlitzt	1
52	7777777	Deichselrohr geschlitzt (kurz)	1
53	4009012	Innenverlängerung	1
54	4009040	T-Griff (geschweißt)	1
55	4009018	Gummihandgriff schwarz	2
56	4200860	Bandschelle mit Schraube + Mutter	4
57	4200870	Klemmhebel verstellbar	2



## EXPLODED DRAWING - HANDLE FOR HANDSTRIPPER



### SPARE PARTS LIST - HANDLE FOR HANDSTRIPPER

Item	Part No.	Description	Qty
61	4202065	Handgriffaufnahme Bully	1
62	4200862+ 4009018	Handgriff mit Körper (Verwendung von Pos. 55)	(1) aus Pos. 55
63	5620612	Inbusschraube	2
64	5640601	Mutter	2
65	5630820	Sechskantschraube	1
66	5658416	Scheibe	1



## **CE. DECLARATION OF CONFORMITY**

We declare ourselves solely responsible for this products conforming with the following standards or standardized documents:

EN 50 144, EN 55014, EN 61 000-3-2/-3-3 gemäß den Bestimmungen der Richtlinien 98/37/EG und 89/336/EWG.

Description:	Tornado Stripper (Bullystripper)
Type:	Roll with T-handle
Article number:	17.14575

Place / Date / Signature:	Sonnenbühl 01.09.2014, Roll GmbH
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This CE Declaration of Conformity was made out mechanically and is valid without sign.



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