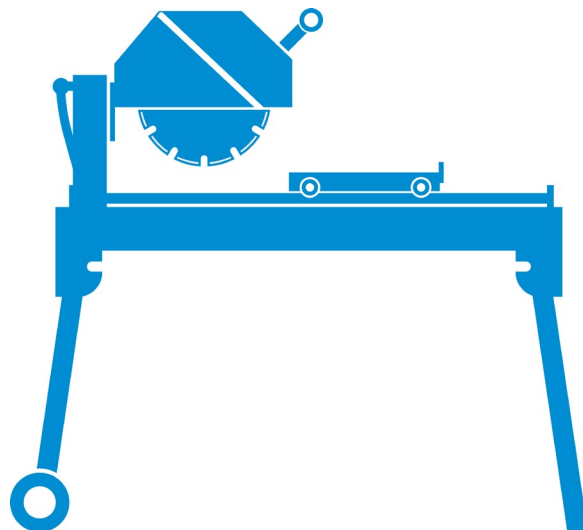




# Operating Instructions

**TBE400**

Index 001



**Manufacturer's address:**

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TYROLIT Hydrostress AG reserves the right to make technical changes without prior notice.

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## **SAFETY PRECAUTIONS**

Saw blade should be inspected daily for excessive wear, core cracks, and arbor damage. Replace any blade that shows signs of damage.

- To mount blade, clean arbor and outer flanges, tightening nut securely.
- DO NOT place any portion of body in line with blade while it is rotating.
- To reduce risk of electrical shock, it is recommended to use GFCI and refer servicing to qualified professional.

We recommends the use of these safety items when operating the saw:

	<b>USE PROPER GROUND CICUIT !</b>
	<b>USE BLADE GUARD WHEN OPERATING SAW !</b>
	<b>ALWAYS WEAR SAFETY GEAR !</b>

## GENERAL SAFETY RULES

- Never use the machine improperly or work in an unsafe manner.
- Always wear safety goggles, dust mask, and ear protection while operating the saw.
- Always remain alert when the saw is in use. Failure to pay attention on the operator's part may lead to serious injury.
- Before you start working, familiarize yourself with the work site and its surroundings. Take notice of circumstances, which may impede working or traffic, observe soil conditions (good bearing or not), and take measures to ensure safety (i.e. the shielding of road works from public traffic).
- Take measures to ensure that the machine is in a safe and trouble-free condition prior to usage. Use the machine only when all protective devices (i.e. guards, noise absorbers, emergency-off devices) are operating in the intended locations.
- A visual check of the machine must be made at least once a shift to ensure that visible damages or faults are recognized. Any changes (including changes in the performance or behavior of the machine) must be reported to the supervisor. If necessary, stop the machine at once and secure it.
- In the case of a malfunction, stop the machine immediately and secure it. Fix the problem as soon as possible.
- For starting and stopping the machine follow the operating instruction steps and observe any indicator lights.
- Before switching the machine on make sure that the activated machine will be of no danger to anyone.
- Be sure to connect the plug to a properly grounded receptacle to reduce the risk of electric shock.

## HEALTH WARNINGS

Some dust are created by power sanding, sawing, grinding, drilling, and cause other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

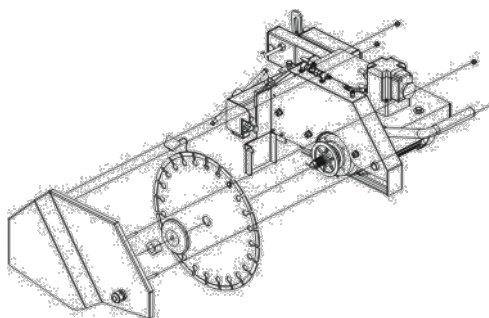
## UNPACKING, ASSEMBLY & SET-UP

Open the container, carefully lift the saw frame handles and place it on a flat, level working area. Be certain that you have the following items before you discard the container:

- Saw
- 45° / 90° rip guide
- Universal wrench
- Owner's manual

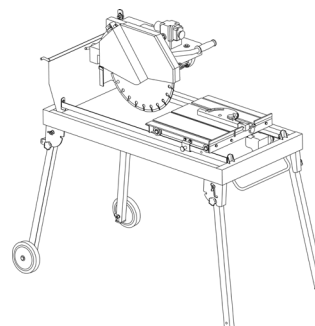
## DIAMOND BLADE INSTALLATION

1. Move the blade shaft cover upwards.  
To remove the blade lock nut, open the shaft space.
2. Place the blade onto the blade shaft.  
Make sure that the directional arrow is pointing in the direction of the shaft rotation
3. Lock the blade lock nut with the outer flange. Use the multiple wrench provided to fasten the blade tightly



## INSPECTIONS & SPECIFICATION

The compact TBE400 table saws are shipped completely assembled and ready for use except for the diamond blade. Inspect the saw for shipping damage. If any damage is found, contact the shipper immediately and file a freight claim. We are not responsible for any freight related damages. Remove the saw from the shipping container.



TBE400SPECIFICATIONS	
Power	2,2 kW
Volts	230 V (110 V)
Amps	10 A (20)
Cycles	50 Hz (60 Hz)
Blade Shaft Speed	2,800 rpm
Max. Blade Size	15,7" / 400 mm
Arbor Size	1" / 25,4 mm
Max. Cutting Length	23,6" / 600 mm
Length	1210 mm
Width	655 mm
Hight	1285 mm
Wight	86 Kg

NOISE LEVEL AND VIBRATIONS	
Parameter	Wert
Noise level at the ear of the user (Leq)	81.9 dB(A)*
Noise level at workplace (LPA)	69.3 dB(A)*
Sound power level in acc. ISO 3744 (LwA)	89.3 dB(A)*
Vibrations DIN EN ISO 5349-2	< 2.5 m/s <sup>2</sup>

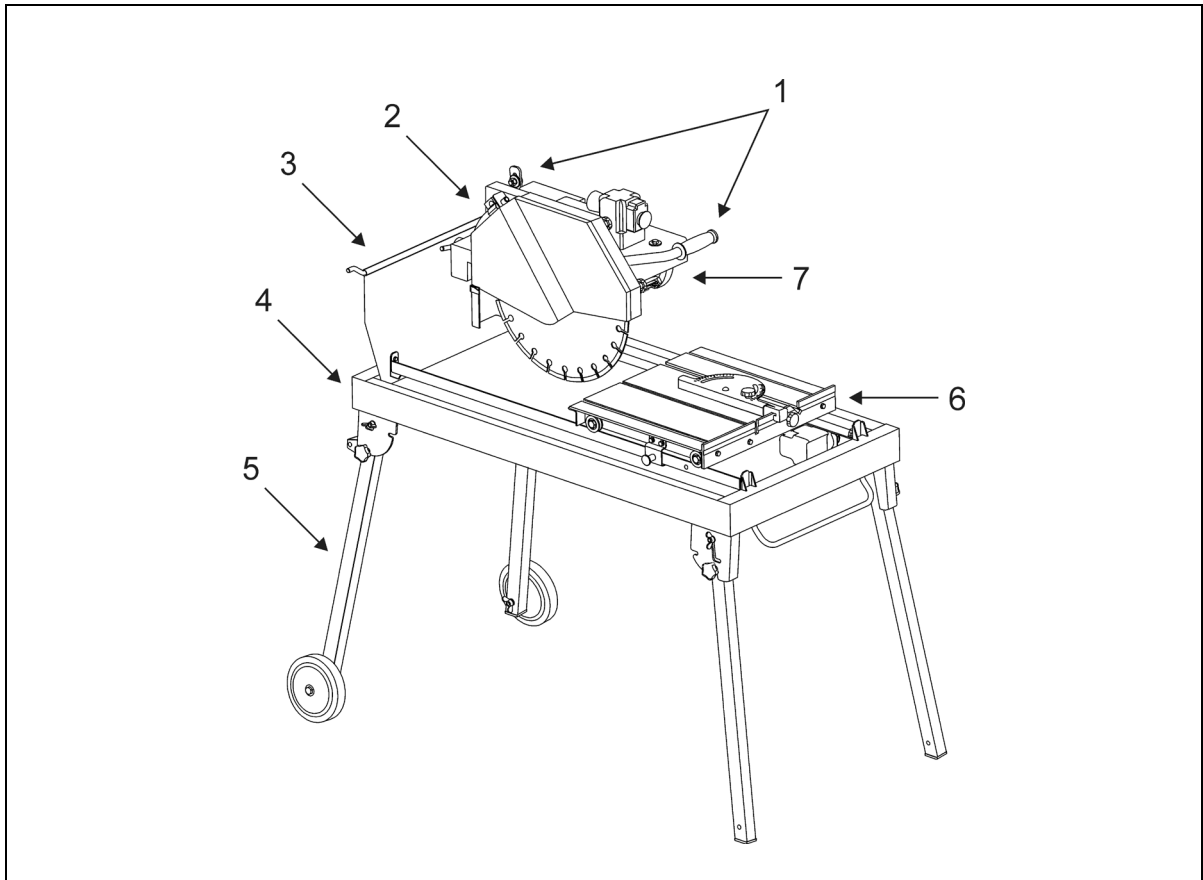
\*Value applies under the following condition: With Sawblade Ø350mm Type EB No. 5696.

Higher noise levels may be generated in cutting operation.

**ATTENTION! Hearing protection must be worn when 85 dB(A) is exceeded!**

## FEATURES

The TBE400 table saw is designed for the professional contractor in mind. It enhances performance with a multitude of features facilitating operation.



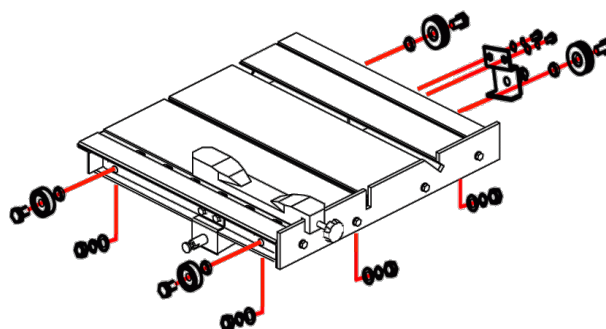
- 1 Sturdy handle and Spring Lever allow for quick pluge cuts
- 2 Miter Cutting Capability
- 3 Rear Splash Guard protects the jobsite against dust and water
- 4 Stainless Steel Water Tray
- 5 Folding legs with Wheels facilitate transport
- 6 45° / 90° Rip Guide
- 7 Powerful Induction Motor



## CUTTING TABLE ASSEMBLY

To install the cutting table to the machine:

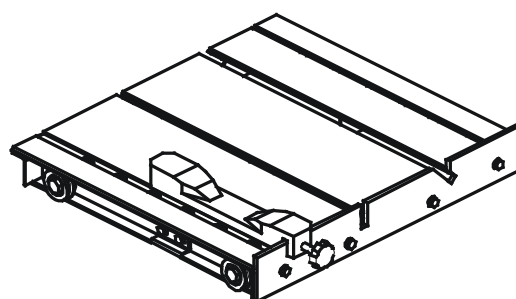
1. Set the cutting table on the rails
2. Install the screw and brackets to the cutting table
3. To remove the cutting table do the reverse of the above two steps.



## THE CUTTING TABLE

Features:

- The heavy-duty cutting table with steel wheels provides the durability to handle large materials.



Only use the Ø16" (400 mm) blade for this saw. Setting smaller size of diamond blade may grab the material being cut, causing damage and possibly injury.

	<p><b>USE PROPER GROUND CIRCUIT !</b></p>
	<p><b>USE BLADE GUARD WHEN OPERATING SAW !</b></p>
	<p><b>ALWAYS WEAR SAFETY GEAR !</b></p>

## THE RIP GUIDE

Steps to use the 45° / 90° rip guide

1. Set the rip guide by positioning it on the desired dimension and tighten the threaded knob. Make sure that the rip guide is firmly tightened to avoid slippage. The rip guide can be used for 90° rip cuts and 45° angle cuts from both the left and right side. (Note the straight and 45° angled slits on the bottom of the rip guide)
2. After the rip guide is positioned for the desired cut, place material flat against the rip guide and the measurement rail. After the rip guide is positioned for the desired cut, place material flat against the rip guide and the measurement rail. For 45° rip cuts, place the corner of material in the open slot of the measurement rail.
3. Simply line up the material being cut with the appropriate pre-marked lines on the cutting table.
4. Now you are ready to make your cut

## CUTTING DEPTH

The recommended cutting depth is 0.6cm (¼") below the cutting table surface. The cutting clearance has been fixed from original designed.

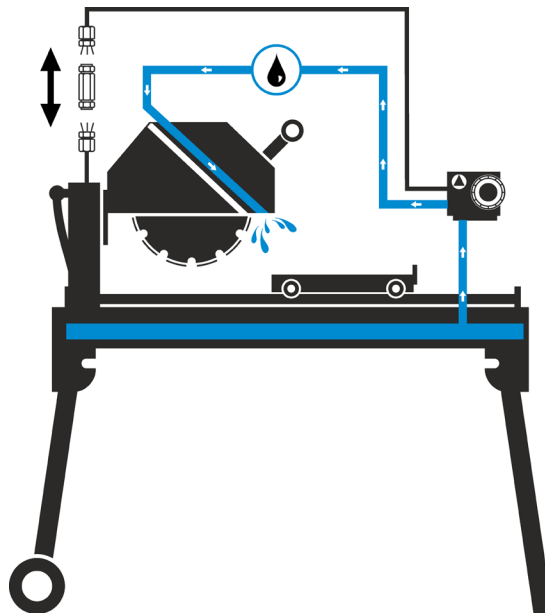


Only use the Ø16" (400 mm) blade for this saw. Setting smaller size of diamond blade may grab the material being cut, causing damage and possibly injury.

max. Blade Diameter	max. Cutting Depth
400 mm	125 mm

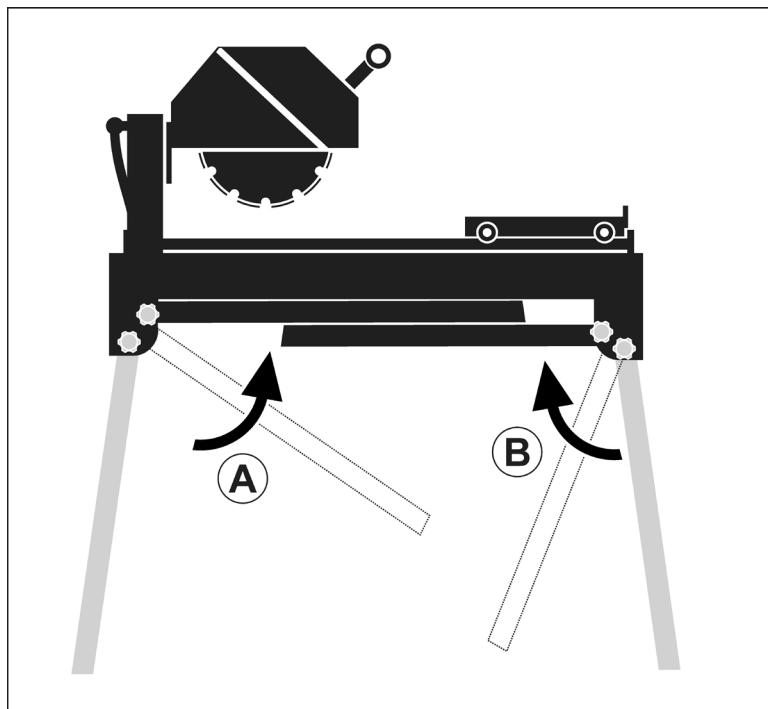
## WATER PUMP INSTALLATION

1. Remove the water pump from the box and check that it is not damaged.
2. Place the pump into the middle of the water tray along its side so that the water outlet is positioned horizontally. Connect the water hose from the blade guard to the pump and plug the power cord into the 3-prong receptacle.
3. Fill the water tray so that the water intake is fully immersed.
4. Be sure to support the pump during installation to prevent pump failure or damage.



Disconnect the pump before attempting to handle the pump.  
Never operate pump without water in the tray

# FOLDING LEGS



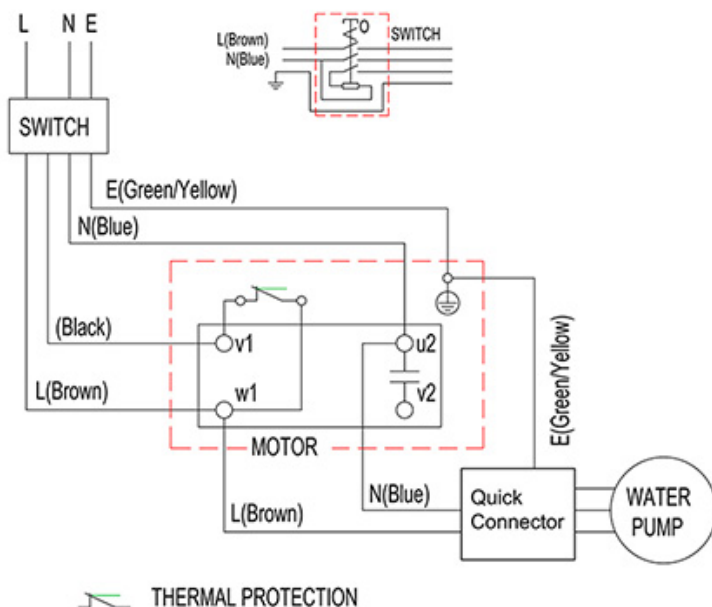
## ELECTRICAL MOTOR SPECIFICATIONS

Features:

Power	2,2 kW
Volts	230 V (110 V)
Amps	10 Amps (20A)
Motor RPM	2800 RPM
Cycle	50 Hz (60 Hz)

Recommendations:

It is recommended that a 15 A (30 A) CIRCUIT be used while operating this saw. This will prevent any loss of power or interruption. Always plug saw as close as possible to the power source while operating. This will allow you to receive optimum electricity.



To avoid permanent motor damage you must use the correct extension cord. Never use more than one extension cord at a time. Follow the chart for proper size:

Wiregauge	Length of cord 2,2 kW – 230 V (110V)
1.5 mm <sup>2</sup>	30 m
2.5 mm <sup>2</sup>	50 m

## DO'S AND DON'TS FOR BLADES

### WET CUT BLADES

#### DO'S

- Inspect blades daily for cracks or uneven wear.
- Always use appropriate blade for material being cut.
- Inspect arbor shaft for uneven wear before mounting blade.
- Always use blades with the correct arbor shaft size.
- Ensure that blade is mounted in the correct direction.
- Secure the blade to the arbor with a wrench.
- Use proper safety equipment when operating the saw.
- Periodically check the blade for cracks or bond fatigue.
- Always have a continuous flow of water on both sides of blade.

#### DON'TS

- Do not operate the saw without safety guards in position.
- Do not operate the saw with blades larger than Ø 16" (400 mm)
- Do not cut dry with blades marked "Use Wet".
- Do not exceed manufacturer's recommended maximum RPM.
- Do not force blade into material let blade cut at its own speed.

### DRY CUT BLADES

#### DO'S

- In addition to the following, always follow wet recommendations.
- Use appropriate blade for material being cut.
- Inspect segment blades for segment cracking or loss.
- Do not use damaged blades.
- Use proper safety equipment when operating the saw.

#### DON'TS

- In addition to the following, always follow wet recommendations.
- Do not make long cuts with dry blades--allow them to air cool periodically.
- Do not use the edge or side of blade to cut or grind.
- Do not attempt to cut a radius or curve.
- Do not cut too deep or too fast into the material.
- Do not cut any material not recommended by blade manufacturer.

## SAW MAINTENANCE

Maintenance interval	Wath to do for maintenance and care
After ecery use ot the machine	<ul style="list-style-type: none"> <li>- Remove dirty water from container.</li> <li>- Remove dirt and mud from the bottom of the container</li> <li>- Rinse teh immersion pump with fresh water to prevent water pump dogging from residual dirt.</li> </ul>
After wet clearing and before using the machine again	Connect the machine to an electric power outlet equipped with a“GFI” safety power breaker. If the safety power breaker cuts off the electrical power supply, do not try to operate the machine but have it checked by an authorized dealer first.
Before not using the machine for a prolonged period of time	Clean and lubricate all movable part.
Before not using the machine for a prolonged period of time	<ul style="list-style-type: none"> <li>- Check that the stand is safely fixed.</li> <li>- Check that all screw joints and nuts are fixed.</li> <li>- Check that the roller table is in its guides and that it easliy moves to and fro.</li> <li>- With the saw blade removed, switch on the motor for an instant and switch it off again. If the motor does not run, have the machine inspected by a qualified electrician.</li> <li>- Check that the immersion pump works properly. Turn on the cooling water tap and switch the machine on. If the pump does not give any water or only a little, switch the machine off at once. Clean the pump, or replace if necessary.</li> </ul>
Ambient temperture below 0°C (operation in winter)	To prevent the water in the pump and cooling system from freezing, remove the water after using the machine or when there will be a long break. Make sure that the cooling system is entirely drained so that there is no water left inside the pump, water hose and bearing housing



For your safety, before performing any maintenance on the saw turn off the power switch and unplug the power card

## TROUBLESHOOTING

Problem	Possible cause	Solution
Machine does not run when switched on	Power cord not properly fixed / plugged in	Check that the machine is properly connected to the power supply.
	Power cord defective	Have the power cord checked, replace if necessary.
	Main power switch defective	Have the main power switch checked and replace if necessary by a qualified electrician.
	Loose electrical connection inside the electric system	Have the whole electric system of the machine checked by a qualified electrician.
	Motor defective	Have the motor checked and replace if necessary by a qualified technician.
Motor stops (power cut out)	To much pressure exerted while cutting	Exert less pressure when cutting
	Incorrect specification for saw blade	Use a saw blade which corresponds to the material being cut
	Saw has a defective electric system	Have the electric system of the saw checked by a qualified technician
Poor machine performance little power	Power cord/extension cable too long or cable still wound up inside cable drum	Use a power cord/extension cable of the rated length, use a cable drum with cable fully extended
	Power network is insufficient	Observe the electrical ratings of the machine and connect it only to a power network which complies with these ratings
	Drive motor no longer runs at rated speed (r.p.m.)	Have the motor checked by a qualified electrician and have it replaced if necessary



## TROUBLESHOOTING

Problem	Possible Cause	Solution
Irregular run of the saw blade	Poor tension in the blade material	Return the saw blade to the manufacturer
Saw blade wobbles when running	Saw blade is damaged or bent	<ul style="list-style-type: none"> <li>- Have the saw blade aligned/flattened</li> <li>- Clean the receiving flange</li> <li>- Solder the diamond segments of the old blade onto another saw blade or use a new blade</li> </ul>
	Flange of the saw blade is damaged	Replace the saw blade flange
	Shaft of the motor is bent	Replace the electric motor
Diamond segment becomes loose	Overheating of the saw blade, cooling water not sufficient	Have the diamond segment soldered on the blade again, ensure optimum flow of cooling water
Excessive wear	Wrong type of saw blade	Use harder saw blades
	Shaft of motor causes wobbling	Have bearings of the motor or the motor replaced
	Overheating	Ensure optimum flow of cooling water
Cracks in or near the diamond segment	Saw blade too hard	Use a softer blade
	Fixed flange is worn out	Have the fixed flange replaced
	Motor shaft bearing	Replace the bearing of the motor shaft

## TROUBLESHOOTING

Problem	Possible cause	Solution
Saw blade is blunt	<ul style="list-style-type: none"> <li>- Saw blade type is unsuitable for the material being cut</li> <li>- Saw blade type is unsuitable for the machine performance</li> <li>- Saw blade too hard</li> </ul>	Use appropriate type of saw blade
	Diamond segments are blunt	Sharpen the diamond saw blade
Appearance of cut is not optimal	Poor tension in the blade material	Return the saw blade to the manufacturer
	Too much load placed on the saw blade	Use a suitable saw blade
	Diamond segments are blunt	Sharpen the saw blade
The center hole in the saw blade has become wider due to wear	The saw blade has slipped on the motor shaft when running	The arbor of the saw blade must be fitted with an appropriate adapter ring
		Check the receiving flange and have it replaced if necessary
Saw blade shows blooming colors	Lateral friction when cutting	The material feed is too high; proceed more slowly
Grinding marks on the saw blade	Material is not being feed parallel to the saw blade	Ensure that the direction of feed is absolutely parallel to the saw blade
		Adjust the roller table/have it adjusted
	Poor tension in the blade material	Have the saw blade tensioned
	Too much load on the saw blade	The material feed is too high, proceed more slowly

## **CUSTOMER SERVICE**

### **AFTER SALE SERVICE**

All customer service (technical questions, re-order of parts, etc.) will be provided by us.

### **CLAIMS FOR LOST OR DAMAGED GOODS**

If merchandise is delivered in damaged condition or cartons are missing, a notation must be placed on all papers signed by the receiver. If unreported or concealed damages are noticed after delivery, the carrier should be contacted by telephone and if carrier fails to send an inspector within five days, a request should be made in writing to the carrier, confirming the telephone request for an inspection.

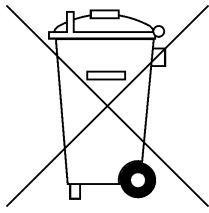
All requests for credit due to transportation loss or damage should be accompanied by properly signed papers. A claim for loss or damage must be filed with the carrier within 60 days from the shipping date for UPS or other common carriers. Credit cannot be allowed for damage claims that are not properly substantiated with supporting papers or received by us too late for timely filing with the carrier.

## **CONTACT US**

We pride ourselves on our customer service. If you have any questions regarding our products, whether it may be product inquiry or troubleshooting, please don't hesitate to contact us at our corporate office. We will do our best to answer your questions. In some cases we may even refer you to a local sales representative that can better service you.

## DISPOSAL

### GENERAL



The operator can recycle or dispose of the Table saw himself provided he observes the statutory provisions. In order to dismantle the Table saw correctly and to properly remove the materials some knowledge in the area of mechanics and knowledge about differentiation of waste materials is necessary.

If during correct disposal doubts arise that represent a hazard for persons or the environment, the after-sales service of TYROLIT Hydrostress AG will be happy to provide information.



### DANGER

#### **Voltage warning**

**Before working in an area identified in this way, the installation or device must be fully disconnected from the power (voltage) and secured against being accidentally powered up again.**

**Failure to heed this warning may lead to death or serious injury.**

### PERSONNEL QUALIFICATIONS

Only personnel with basic technical training and who are in a position to identify the various material groups should be involved in disposal.

### DISPOSAL REGULATIONS

The normal local and regional rules and guidelines must be observed when disposing of the machines making up the Table saw.

## **DISPOSAL OF TABLE SAW**

### DISPOSAL REGULATIONS

The dismantled parts of the table saw are sorted by material and sent separately to the appropriate collection points. Ensure that the following parts in particular are properly disposed of.

#### **The Table saw consists of the following materials:**

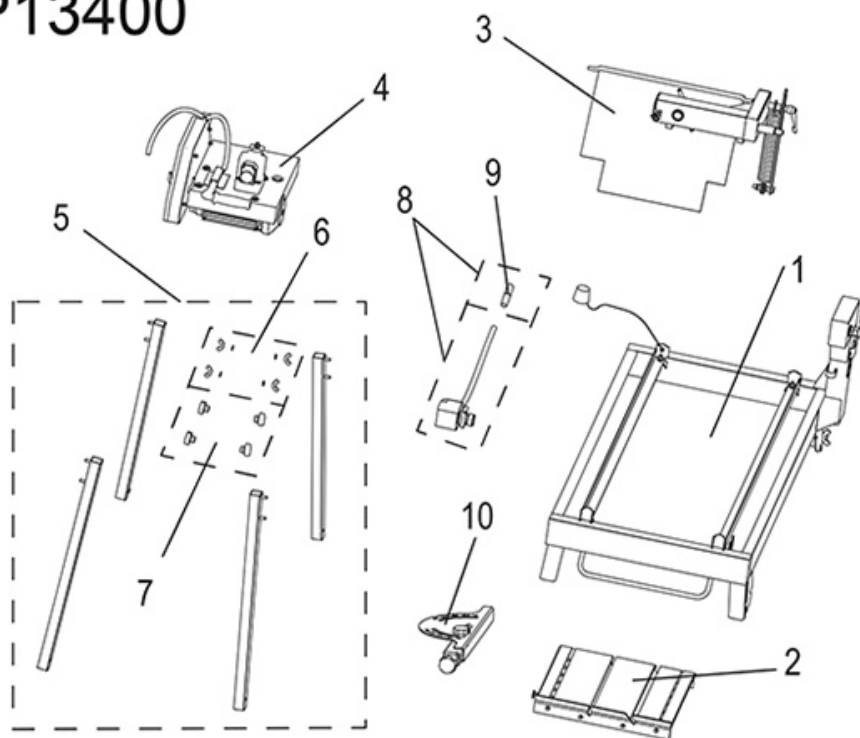
Cast aluminium	Rolled aluminium products
Bronze	Steel
Rubber	Rubber / Nylon fabric
Synthetic grease	Plexiglas

### OBLIGATION OF NOTIFICATION

When a Table saw is taken out of service and disposed of the manufacturer TYROLIT Hydrostress AG or the corresponding service centre must be informed of this.

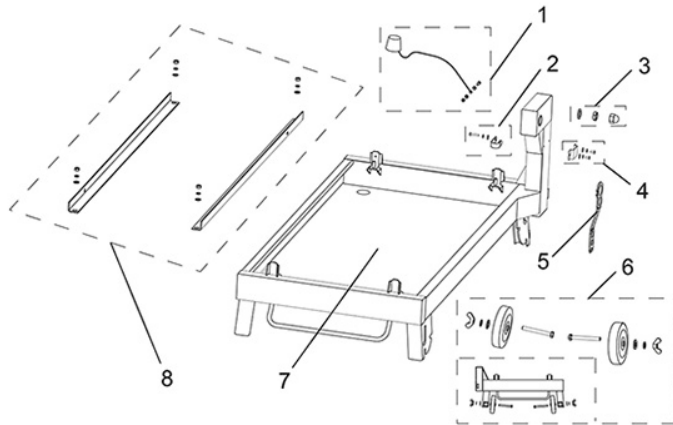
## SPARE PARTS LIST

### P13400



View / Pos.	TYHS code	TYHS description EN	TYHS Beschreibung DE	Qty
P13400/1	10999945	Frame assy	Rahmen kpl.	1
P13400/2	10999946	Cutting table assy	Schneidtablett kpl.	1
P13400/3	10999947	Cross beam assy	Querträger kpl.	1
P13400/4	10999948	Cutting head assy	Schneidkopf kpl.	1
P13400/5	10999949	Leg assy	Beine kpl.	1
	10999950	Straight leg A	Bein gerade A	2
	10999951	Straight leg B	Bein gerade B	2
	979368	Wingnut M8	Flügelmutter M8	4
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	4
	977220	Star handle M8 female	Sterngriff M8 innen	4
P13400/6	10999952	Lock nut assy	Sicherungsmuttern kpl.	1
	979368	Wingnut M8	Flügelmutter M8	4
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	4
P13400/7	977220	Star handle M8 female	Sterngriff M8 innen	4
P13400/8	10995480	Water pump	Wasserpumpe	1
	10999953	Quick connector	Steckanschluss	1
P13400/9	10999953	Quick connector	Steckanschluss	1
P13400/10	10999954	Rip guide	Winkelführung	1

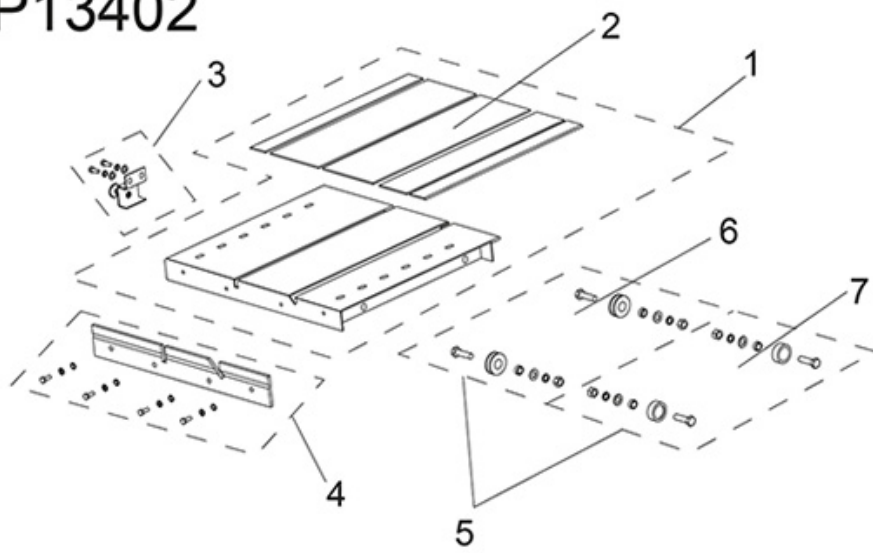
# P13401



View / Pos.	TYHS code	TYHS description EN	TYHS Beschreibung DE	Qty
P13401/1	10999955	Drain plug assy	Ablasstopfen kpl.	1
	10981941	Drain plug	Ablasstopfen	1
	10981943	Chain 170mm	Kette 170mm	1
	10994556	Washer M4 4.3/9/0.8	U-Scheibe M4 4.3/9/0.8	1
	10999995	Sheetm. screw dia 4.2x19	Blechschraube Dm 4.2x19	1
	10995471	Hex. screw M5x10	6kt-Schraube M5x10	1
	10995464	Washer M5 5.3/10/1.0	U-Scheibe M5 5.3/10/1.0	2
P13401/2	10999956	Hose clip	Schlauchbride	1
	10995464	Washer M5 5.3/10/1.0	U-Scheibe M5 5.3/10/1.0	1
	971627	Spring washer M5 DIN 127A	Federring M5 DIN 127A	1
	10995471	Hex. screw M5x10	6kt-Schraube M5x10	1
P13401/3	971966	Washer M16 17/30/3	U-Scheibe M16 17/30/3	1
	10997733	Hexagon nut M16 x0.5D	Mutter 6kt. M16x0.5d	1
	10997734	Cap nut hex M16	Hut-Mutter 6kt. M16	1
P13401/4	10981948	Wrench bracket	Werkzeughalter	1
	10995464	Washer M5 5.3/10/1.0	U-Scheibe M5 5.3/10/1.0	1
	971627	Spring washer M5 DIN 127A	Federring M5 DIN 127A	1
	10995471	Hex. screw M5x10	6kt-Schraube M5x10	2
P13401/5	10981947	Multiple wrench	Multifunktionswerkzeug	1
P13401/6	10999957	Wheels assy	Räder kpl.	1
	10997730	Wheel 150mm	Rad 150mm	2
	10997729	Wheel shaft	Radachse	2
	971630	Spring washer M8 DIN127 A	Federring M8 DIN 127 A	2
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	2
	979368	Wingnut M8	Flügelmutter M8	2
P13401/7	10999958	Main Frame	Hauptrahmen	1
P13401/8	10986219	Guide rail	Führungsschiene	2
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	4
	971630	Spring washer M8 DIN127 A	Federring M8 DIN 127 A	4
	971847	Hexagon nut M8	Mutter 6kt. M8	4

XXXXXXXX = No spare part

P13402

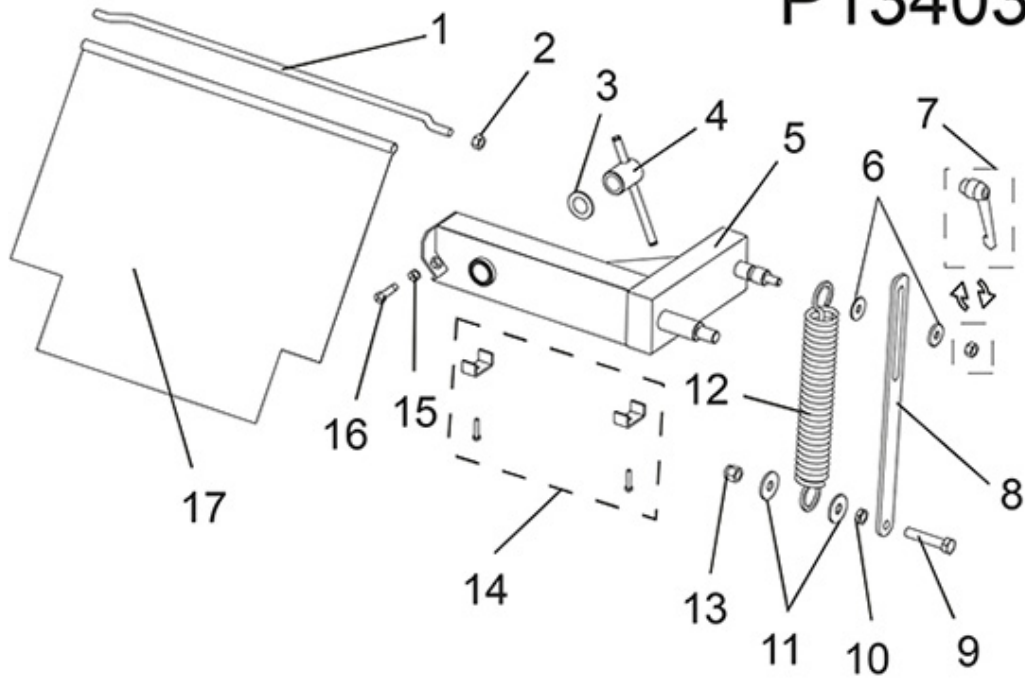




View / Pos.	TYHS code	TYHS description EN	TYHS Beschreibung DE	Qty
P13402/1	10999959	Cutting table rub. matted	Schneidtablett m. Gummimatte	1
	10986224	Cutting table	Schneidtablett	1
	10999960	Rubber mat 404x129	Gummimatte 404x129	1
	10999961	Rubber mat 404x124	Gummimatte 404x124	1
	10999962	Rubber mat 404x40	Gummimatte 404x40	2
	10999963	Rubber mat 404x70	Gummimatte 404x70	1
P13402/2	10999964	Rubber mat assy	Gummimatten kpl.	1
	10999960	Rubber mat 404x129	Gummimatte 404x129	1
	10999961	Rubber mat 404x124	Gummimatte 404x124	1
	10999962	Rubber mat 404x40	Gummimatte 404x40	2
	10999963	Rubber mat 404x70	Gummimatte 404x70	1
P13402/3	10999965	Cutting table lock. assy	Schneidtablett Arret. kpl.	1
	10981960	Cutting table locking	Schneidtablett Arretierung	1
	10995477	Hex. screw M6x16	6kt-Schraube M6x16	2
	10995427	Washer M6 6.4/12/1.6	U-Scheibe M6 6.4/12/1.6	2
	971628	Spring washer M6 DIN 127A	Federring M6 DIN 127 A	2
P13402/4	10999966	Fence assy	Spritzschutz kpl.	1
	10981958	Cutting table fence	Schnittschranke	1
	10995484	Hex. screw M6x20	6kt-Schraube M6x20	4
	10995427	Washer M6 6.4/12/1.6	U-Scheibe M6 6.4/12/1.6	8
	971628	Spring washer M6 DIN 127A	Federring M6 DIN 127 A	4
	979307	Hexagon nut M6	Mutter 6kt. M6	4
P13402/5	10999967	Roller assy	Rollen kpl.	1
	10981959	Guide wheel w/bearing	Führungsrolle mit Lager	2
	10981954	Roller wheel w/bearing	Rolle flach mit Lager	2
	10981956	Sleeve	Distanzscheibe	4
	962850	Hex. screw M10x35	6kt-Schraube M10x35	4
	971848	Hexagon nut M10	Mutter 6kt. M10	4
	971963	Washer M10 10.5/20/2	U-Scheibe M10 10.5/20/2	4
	971631	Spring washer M10 DIN127A	Federring M10 DIN 127A	4
P13402/6	10999968	Guide roller assy	Führungsrollen kpl.	1
	10981959	Guide wheel w/bearing	Führungsrolle mit Lager	2
	10981956	Sleeve	Distanzscheibe	2
	962850	Hex. screw M10x35	6kt-Schraube M10x35	2
	971848	Hexagon nut M10	Mutter 6kt. M10	2
	971963	Washer M10 10.5/20/2	U-Scheibe M10 10.5/20/2	2
	971631	Spring washer M10 DIN127A	Federring M10 DIN 127A	2
P13402/7	10999969	Flat roller assy	Laufrollen kpl.	1
	10981954	Roller wheel w/bearing	Rolle flach mit Lager	2
	10981956	Sleeve	Distanzscheibe	2
	962850	Hex. screw M10x35	6kt-Schraube M10x35	2
	971848	Hexagon nut M10	Mutter 6kt. M10	2
	971963	Washer M10 10.5/20/2	U-Scheibe M10 10.5/20/2	2
	971631	Spring washer M10 DIN127A	Federring M10 DIN 127A	2

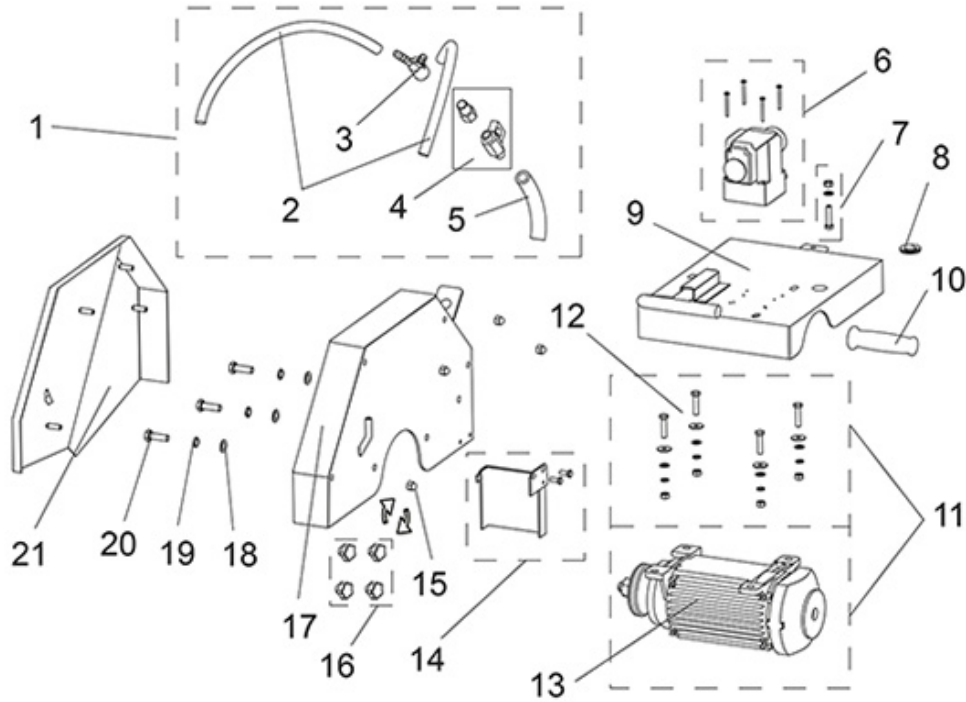
XXXXXXXX = No spare part

# P13403



View / Pos.	TYHS code	TYHS description EN	TYHS Beschreibung DE	Qty
P13403/1	10986218	Splash guard holder	Spritzschutzhalter	1
P13403/2	971848	Hexagon nut M10	Mutter 6kt. M10	1
P13403/3	10987388	Washer M16 17/34/4	U-Scheibe M16 17/34/4	1
P13403/4	10981937	Angle locking handle	Arretiergriff	1
	10999970	Special nut M16	Spezialmutter M16	1
	10999971	Lock bar	Riegel	1
	10999972	Snap ring	Sicherungsring	2
P13403/5	10981938	Cross beam	Drehhalter	1
P13403/6	10996275	Washer dia 10,5/30/2,5	U-Scheibe Dm 10,5/30/2,5	2
P13403/7	10995569	Adj. clamping lever M10	Verstellb. Klemmhebel M10	1
P13403/8	10981945	Depth locking bar	Schnitthöhenarretierung	1
P13403/9	979340	Hex. screw M12x60	6kt-Schraube M12x60	1
P13403/10	971856	Hexagon nut M12 x0.5D	Mutter 6kt. M12 x0.5d	1
P13403/11	979360	Washer dia 13/30/3	U-Scheibe Dm 13/30/3	2
P13403/12	10981940	Load spring	Zugfeder	1
P13403/13	979309	Lock nut M12 thin head	Stop-Mutter M12 nied.Form	1
P13403/14	10999973	Hose holder assy	Schlauchhalter kpl.	1
	10981939	U style hose clip	Kabelclip U-förmig	2
	10995486	Hex. screw M5x25	6kt-Schraube M5x25	2
P13403/15	971847	Hexagon nut M8	Mutter 6kt. M8	1
P13403/16	971901	Hex. screw M8x30	6kt-Schraube M8x30	1
P13403/17	10986217	Back splash guard	Rückspritzschutz	1

# P13404



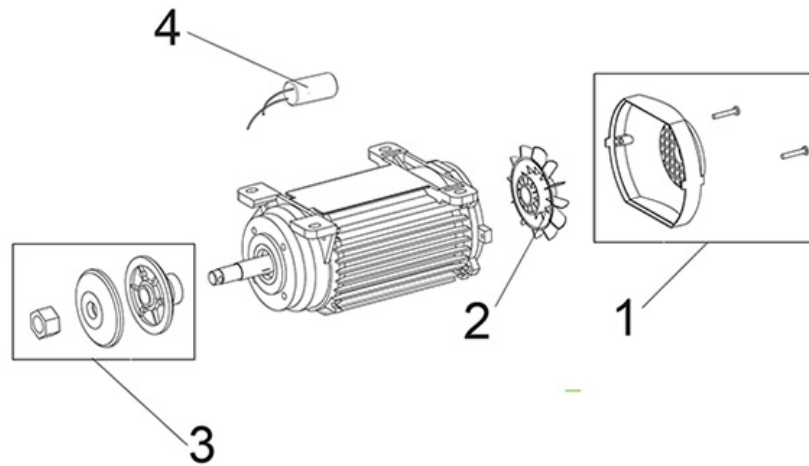
View / Pos.	TYHS code	TYHS description EN	TYHS Beschreibung DE	Qty
P13404/1	10999974	Water system assy	Wasserführung kpl.	1
	10999975	Hose Ø7.5/12.5x480mm	Schlauch Ø7.5/12.5x480mm	2
	10999976	Y distributor	Y-Verteiler	1
	10999977	Water tap assy	Wasserventil kpl.	1
	10999978	Hose Ø10/14x1850mm	Schlauch Ø10/14x1850mm	1
P13404/2	10999975	Hose Ø7.5/12.5x480mm	Schlauch Ø7.5/12.5x480mm	2
P13404/3	10999976	Y distributor	Y-Verteiler	1

XXXXXXXX = No spare part

View / Pos.	TYHS code	TYHS description EN	TYHS description DE	Qty
P13404/4	10999977	Water valve assy	Wasserventil kpl.	1
	10992413	Ball valve 1/4" f/f	Kugelhahn 1/4" 1/4"	1
	10999979	Adapter 1/4"	Adapter 1/4"	1
P13404/5	10999978	Hose Ø10/14x1850mm	Schlauch Ø10/14x1850mm	1
P13404/6	10999980	Switch 230V/50Hz assy	Schalter 230V/50Hz kpl.	1
	10986216	Switch	Schalter	1
	10999996	Pan screw Freedriv M4x45	Linsenschr.Freedriv M4x45	4
P13404/7	10999981	Adjusting bolt assy	Justierschraube kpl.	
	971901	Hex. screw M8x30	6kt-Schraube M8x30	1
	971847	Hexagon nut M8	Mutter 6kt. M8	1
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	1
P13404/8	10981934	Cable sleeve	Gummitülle	1
P13404/9	10981932	Motor bracket	Motorhalter	1
P13404/10	10997727	Rubber handle	Gummigriff	1
P13404/11	10999982	Motor 230V/50Hz assy	Motor 230V/50Hz kpl.	1
	971901	Hex. screw M8x30	6kt-Schraube M8x30	4
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	4
	10985662	Washer 8x30x3	U-Scheibe 8x30x3	4
	971630	Spring washer M8 DIN127 A	Federring M8 DIN 127 A	4
	971847	Hexagon nut M8	Mutter 6kt. M8	4
	10981961	El. Motor 230V/50Hz	Elektromot.kpl. 230V/50Hz	1
P13404/12	10999983	Motor fixing assy	Motorbefestigung kpl.	1
	971901	Hex. screw M8x30	6kt-Schraube M8x30	4
	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	4
	10985662	Washer 8x30x3	U-Scheibe 8x30x3	4
	971630	Spring washer M8 DIN127 A	Federring M8 DIN 127 A	4
	971847	Hexagon nut M8	Mutter 6kt. M8	4
P13404/13	10981961	El. Motor 230V/50Hz	Elektromot.kpl. 230V/50Hz	1
P13404/14	10999984	Splash guard assy	Spritzschutz kpl.	1
	10999985	Splash guard holder	Spritzschutzhalter	1
	10999986	Splash guard	Spritzschutz	1
	979330	Hex. screw M5x12	6kt-Schraube M5x12	2
	10995464	Washer M5 5.3/10/1.0	U-Scheibe M5 5.3/10/1.0	2
	971627	Spring washer M5 DIN 127A	Federring M5 DIN 127A	2
P13404/15	10991769	Cap nut hex M6	Hutmutter 6kt. M6	4
P13404/16	10995512	Star handle M6 female	Sterngriff M6 innen	4
P13404/17	10999987	Inner blade guard	Blattschutz innen	1
P13404/18	10995417	Washer M8 8.4/16/1.6	U-Scheibe M8 8.4/16/1.6	4
P13404/19	971630	Spring washer M8 DIN127 A	Federring M8 DIN 127 A	4
P13404/20	971898	Hex. screw M8x20	6kt-Schraube M8x20	4
P13404/21	10999988	Outer blade guard	Blattschutz aussen	1

XXXXXXXX = No spare part

# P13405



View / Pos.	TYHS code	TYHS description EN	TYHS Beschreibung DE	Qty
P13405/1	10999989	Motor fan cover assy	Motorlüfterdeckel kpl.	1
	10997706	Fan cover	Lüfterabdeckung	1
	10999994	Lenshead screw M5x30	Linsenschr. KS M5x30	2
P13405/2	10997705	Fan	Lüfter	1
P13405/3	10999991	Flange assy	Flansch kpl.	1
	10999992	Inner flange	Innenflansch	1
	10999993	Outer flange	Aussenflansch	1
	977631	Hex. nut M20x0.8d left	Mutter 6kt.M20x0.8d links	1
P13405/4	10997707	Capacitor (40µF/450V)	Kondensator (40µF/450V)	1

XXXXXXXX = No spare part



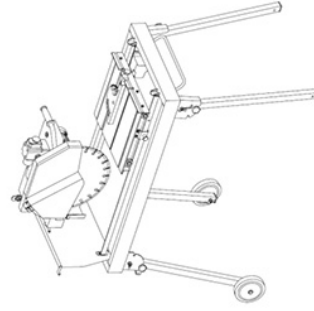
**Konformitätserklärung**  
 Declaration of conformity  
 Dichiarazione di conformità  
 Declaración de conformidad

Type	TBE400S	Article No.	10998400
Serial No.		Index	001
Power	2.2 kW	Voltage	230V/50Hz
Weight	86 kg	Year	
RPM	2800 1/min	Max. Blade Ø	400 mm
Bore Ø	25.4 mm		
TYROLIT Hydrostress AG   CH-8330 Pfäffikon ZH			

**Tischsäge**

Table saw  
 Scie de table  
 Segá da banco  
 Cortadora de mesa

**TBE400 ★ ★**



**TYROLIT Hydrostress AG**  
 Witzbergstrasse 18  
 CH-8330 Pfäffikon  
 Switzerland

Pfäffikon, 13.12.2018

Pascal Schmid  
 Leiter Entwicklung und Verantwortlicher  
 für die technischen Unterlagen

**Wir bestätigen in alleiniger Verantwortung, dass diese Maschine den folgenden Richtlinien und Normen entspricht**

We declare under our sole responsibility that this product complies with the following directives and standards

Nous déclarons, sous notre seule responsabilité, que ce produit répond aux directives et norms suivantes

Dichiariamo sotto la nostra completa responsabilità che il presente prodotto è conforme alle seguenti direttive e norme

Declaramos bajo propia responsabilidad que este producto cumple con las siguientes directivas y normas

**Angewandte Richtlinie(n)**  
 Directive(s) applied  
 Direttive(s) applicatee(s)  
 Direttive applicatare  
 Directiva(s) aplicada(s)

2006/42/EG 17.05.2006  
 2014/30/EU 26.02.2014  
 2012/19/EU 04.07.2012

**Angewandte Normen**

Applied standards  
 Normes applicuées  
 Norme applicate  
 Normas aplicadas

EN ISO 12100:2010  
 EN 12418:2000+A1:2009  
 EN 61000-6-3:2007 + A1:2011