



EIBENSTOCK

Elektrowerkzeuge

Original Instructions



TwinMix 1800 T



1	Bucket car including bucket	6	Vacuum cleaner connection
2	Feed chute for mixing material	7	Triggering of slide lock
3	Handles for operation of mixing unit and transport without bucket car	8	Machine slide
4	On / Off switch	9	Universal stirrer
5	Speed selector switch	10	Mixing paddle
		11	Wiper



Important Safety Instructions

Important instructions and warning notices are allegorized on the machine by means of symbols:



Before you start working, read the operating instructions of the machine.



Work concentrated and carefully. Keep your workplace clean and avoid dangerous situations.



In order to protect the user, take precautions.

During work you should wear ear protectors, goggles, protective gloves and sturdy work clothes!



Wear ear protectors



Wear goggles



Wear protective gloves



Wear protective boots

While working with the **TwinMix 1800 T** important:



Do not reach with your hand into the feed chute during the mixing process and do not insert any objects. Danger of injury!

Technical Data

TwinMix 1800 T

Nominal voltage	120 V ~
Rated current	14 A
Order no.	07624000

Frequency:	50 / 60 Hz
Tank volume:	65 l
Batches up to:	50 kg
Stirrer holder:	M 14 / special
Protection class:	I
Degree of protection:	IP 20
Weight:	approx. 70 kg
Interference suppression:	EN 55014 and EN 61000

Rated speed:	Stage I	Stage II
Universal stirrer	250 rpm	450 rpm
Mixing paddle	20 rpm	36 rpm

Available add-ons:

Item	Order No.
Universal stirrer	31452000
Mixing paddle	31451000
Mixing bucket 65 liters	32341000
Transport trolley	32333000
Transport trolley with tilting function	32332000
Timer	32352000

Supply

Mixing station with machine, mixing bucket 65 liters, Universal stirrer, mixing paddle, mounting tool and operating instructions.

Intended Use

The **TwinMix 1800 T** serves for stirring and mixing of construction materials from low to high viscosity (e.g. floor levelling compounds, thin-bed mortar, plaster, screed, fillers, tile cement...) up to a quantity of 50 kg.

No food may be mixed with the TwinMix 1800 T.

General Instructions

The machine may be used only completely installed with the intended transport or tilting trolley.

Use only stirring rods recommended by the manufacturer.

Thread and front surfaces must be kept clean.

Safety Instructions



Safe work with the machine is only possible, if you read this operating instructions completely and strictly follow the instructions contained herein.

In addition, the general safety instructions in the enclosed brochure have to be observed. Take part in a practical introduction before the first use.



If the connecting cable is getting damaged or cut during the work, don't touch it, but instantly pull the plug out of the socket. Never use the machine with damaged connecting cable.



The machine must neither be wet, nor be used in humid ambient conditions.

- Do not use the tool for mixing materials either in danger of explosion (petrol, diluent).
- Modifications of the tool are prohibited.
- Always check the tool, cable and plug before use. Have damages only repaired by specialists. Only insert the plug into the socket when the tool switch is OFF.
- Ensure a safe state of the machine.
- When the machine runs outside, always use a protection switch (30 mA max.) against fault current.
- The machine should only run under supervision of somebody.
- Pull the plug and switch the machine off if it is not under supervision, e.g. in case of setting up and stripping down the machine, in case of voltage drop or when fixing or mounting an accessory.
- Switch the machine off if it stops for whatever reason. This way, you avoid that it starts suddenly and not under supervision.
- Always lead the cable to the back, away from the machine.
- Do not use the machine if a part of the housing is damaged or in case of damages on the switch, the connecting cable or plug.
- Power tools have to be inspected by a specialist in regular intervals.
- Do not touch rotating parts.
- Be careful with long hair.
- Only work with close-fitting clothes.
- Persons under 16 years of age are not allowed to use the machine.
- **When working with this machine wear ear protectors, goggles, protective gloves and protective boots.**



For further safety instructions, refer to the enclosure.

Assembly of the Device

The mixing station is delivered nearly ready for operation. Only the handlebar of the transport trolley must be installed. For this, insert the handlebar into the two pipe ends of the trolley and secure it with the provided bolts and nuts.

Transport of the Device

The mixing station can be transported easily complete with the transport trolley or also without the trolley. With the transport trolley, use the handlebar to raise the unit in closed condition. Without the transport trolley, hold the two handles (3) and tilt the unit to the rear.



Electrical Connection

Before starting the machine check the correspondence between voltage and frequency according to the data mentioned on the identification plate. Voltage differences from + 6 % and – 10 % are allowed.

The **TwinMix 1800 T** is made in protection class I.

Only use extension cables with a sufficient cross-section. A cross-section (min. 2.5 mm²) which is too small could lead to an excessive power loss and to an overheating of motor and cable.

Recommended extension cord sizes for use with portable electric tools:

Length of Cord in Feet										
	120 V	25 Ft.	50 Ft.	100 Ft.	150 Ft.	200 Ft.	250 Ft.	300 Ft.	400 Ft.	500 Ft.
Nameplate Ampere Rating	0-2	18	18	18	16	16	14	14	12	12
	2-3	18	18	16	14	14	12	12	10	10
	3-4	18	18	16	14	12	12	10	10	8
	4-5	18	18	14	12	12	10	10	8	8
	5-6	18	16	14	12	10	10	8	8	6
	6-8	18	16	12	10	10	8	6	6	6
	8-10	18	14	12	10	8	8	6	6	4
	10-12	16	14	10	8	8	6	6	4	4
	12-14	16	12	10	8	6	6	6	4	2
	14-16	16	12	10	8	6	6	4	4	2
	16-18	14	12	8	8	6	4	4	2	2
18-20	14	12	8	6	6	4	4	2	2	

The tool includes a start-up speed limiter to prevent fast expulsion fuses from unintended responding.

Use

Preselection of the speed:

The speed can be set in two stages. The switch (12) for this is located on the motor.



Stage I = 20/250 rpm

Stage II = 36/450 rpm

Mixing in continuous operation always should be done at stage II to provide sufficient cooling air to the motor.

Power On / Off:



For power ON, the mixing unit must be lowered completely and the slide must be locked.

For power ON, switch the switch (11) up (ON).
For power OFF, switch the switch (11) down (OFF).

Moving the mixing unit in and out:



The slide is locked automatically in each end position. This means when the mixing unit has been moved completely into the bucket as well as when it has been moved out completely for removal of the bucket car.

The locking knob (7) must be pulled out to move the mixing unit in or out.

Always check that the slide is locked securely in the respective position.

Prepare mixing as follows:

Start the mixing station always in empty condition or only filled with water. Fill the mixing material through the feed chute (2) while the machine is running.

We recommend the use of speed stage I to start mixing and switching to stage II when all components have been filled in.

For mixing with little dust, a vacuum cleaner is connected to the corresponding connection nozzle (6).

Observe the processing directives of the material manufacturers.

For mixing of low-viscous materials (e.g. self-flowing levelling compounds), the supplied wiper must be attached to the mixing

paddle. The wiper prevents that mixing material remains sticking to the bucket edge.

The wiper should be removed for mixing of coarse-grained materials (e.g. screed).

IMPORTANT!



The use of chemical products or solvents can impair the properties of the mixing bucket and the machine. Before using the TwinMix 1800, check that the products to be mixed are compatible with the properties of the machine.

Remixing function:

If you want to mix material in the bucket again, move the machine unit with pressed ON/OFF switch down. With this, the mixing station is turned on early and thus permits immersion of the mixing tools into already mixed mixing materials.

Removing the Mixing Bucket

- Turn the machine off and wait until the stirrers have stopped.
- Move the complete mixing unit out of the bucket, until the slide locks at the end position.
- Move the bucket car out of the mixing station.

CAUTION!

Do not lift full mixing buckets alone from the bucket car!

Tool Protection

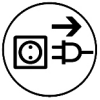
Wrong handling can cause damages on the tool.

Therefore, please always observe the following instructions:

Do not stress the tool to such an extent that it stops by itself.

Electronic: In case of overload due to too large feed force, the electronic will cut OFF the machine. After discharge and switching ON you can continue drilling again.

Tool Change



Attention!

**Before any work on the tool, disconnect the plug from the mains!
When inserting the tool, you could catch your hands. For this reason,
always wear protective gloves for changing the tool.**

For tool change, you can tilt the **TwinMix 1800** to the rear and can rest it on the handles (3).

Universal stirrer (A):

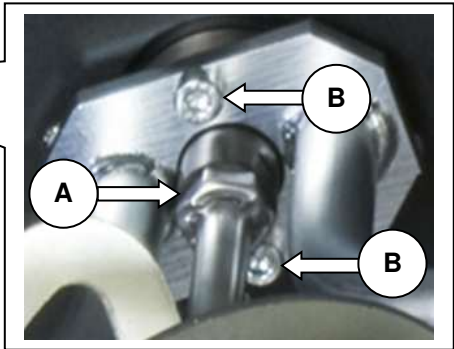
For change of the stirrer (9), the two fixing bolts must be loosened from the mixing paddle (10).

Use a spanner SW 22 to loosen the stirrer (9) and to lock the work spindle.

Mixing paddle (B):

The stirrer (9) always must be removed first for change of the mixing paddle (10).

For change of the mixing paddle (10), use an Allen key SW6 to loosen the two cheese-head screws M8x20.



Care and Maintenance



Before the beginning of maintenance or repair works you have to disconnect the plug from the mains.

Repairs may be executed only by appropriately qualified and experienced personnel. After every repair the machine has to be inspected by an electric specialist. Due to its design, the machine needs a minimum of care and maintenance. However, the following points always have to be observed:

- Keep the machine and the controls clean and functional.
- To clean the mixing tools, tilt the mixing station to the rear and rest it on the handles (3). Take care that no water enters into the motor during cleaning.
- Always keep the power tool and the ventilation slots clean.
- During work, please pay attention that no particles get inside the machine.
- Use only the original mixing bucket from Eibenstock as replacement for a worn mixing bucket. Correct function is guaranteed only with this mixing bucket.
- In case of failure, a repair has to be carried out by an authorised service workshop.

Environmental Protection



Raw material recycling instead of waste disposal

To avoid damages on transportation, the power tool has to be delivered in a sturdy packing. The packing as well as the tool and its accessories are made of recyclable materials which makes it possible to remove environmental friendly und differentiated because of available collection facilities.

Only for EU countries

Do not dispose of electric tools together with household waste material!



In observance of the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Noise Emission / Vibration

The indication of noise emission is measured according to DIN 45 635, part 21. The level of acoustic pressure on the work place could exceed 85 dB (A); in this case protection measures must be taken.



Wear ear protectors!

Warranty

According to our general terms of delivery for business dealings, suppliers have to provide to companies a warranty period of 12 months for redhibitory defects (to be documented by invoice or delivery note).

Damages due to natural wear, overstressing or improper handling are excluded from this warranty.

Damages due to material defects or production faults shall be eliminated free of charge by either repair or replacement.

Complaints will be accepted only if the tool is returned in non-dismantled condition to the manufacturer or an authorized Eibenstock service centre.

CE Declaration of Conformity

We declare under our sole responsibility that the product described under "Technical Data" is in conformity with the following standards or standardization documents:

EN 61 029-1

according to the provisions of the directives 2011/65/EU, 2014/30/EU, 2006/42/EG

Technical file (2006/42/EC) at:

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15.05.2024



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