



BAUER

FOR A GREEN WORLD

OPERATING INSTRUCTIONS

for

Electric Mixer

MEX 305 and MEX 450 G with lifting device



Version IX-2008

Electric Mixer
E



PRODUCT DETAILS

Type designation: BAUER Electric Mixer

Type number: _____

Serial Number¹: Fabrication Number of
the Slurry Mixer²: _____

Dealer:

Name: _____

Address: _____

ph./fax: _____

Date of delivery _____

Manufacturer::

Röhren- und Pumpenwerk **BAUER** Ges.m.b.H.
Kowaldstrasse 2
A - 8570 Voitsberg
Tel.: +43 3142 200 - 0
Fax: +43 3142 200 -320 /-340
E-Mail: sales@bauer-at.com
www.bauer-at.com

Owner or operator:

Name: _____

Address: _____

Tel. / Fax: _____

Note: Please make a note of the type and serial number of your slurry mixer and its accessories! Be sure to specify these details every time you contact your dealer.

¹ It is important to make a note of the entire serial number group including the letters from both the machine and its components whenever submitting a warranty claim or in any correspondence regarding the machine.
² You find this indicated on the name plate of the mixer.

INTRODUCTION

Thank you very much for purchasing a BAUER Electric mixer!

We take pleasure in presenting to you a **BAUER Electric mixer** that features state-of-the-art technology and top quality. For big or small companies, communities or subcontractors – we offer the right solution for every need.

This manual describes how to operate and maintain your **BAUER Electric mixer**. For reasons of clarity and due to the many options, this manual does not contain everything down to the last detail.

If you need further information or if you are faced with any special problem for which this manual does not give sufficient details, please do not hesitate to contact **BAUER company** at Kowaldstraße 2, A-8570 Voitsberg for the information you need.

We should also like to emphasise that the contents of this operating manual do neither form part of nor alter in any way any previous or existing agreement, promise or legal relationship. Commitments on the part of **BAUER** are based solely on the respective purchase contract, which also contains the complete and only valid warranty arrangement. Said contractual terms of warranty are neither extended nor limited by the contents of the present operating manual.

All information contained in the present manual is based on the latest product details available at the time of printing.

BAUER reserves the right to change without notice, without assuming any liability!

BAUER Electric mixers are designed for safe and reliable performance provided they are operated in compliance with the present instruction manual. In spite of the simplicity of the mixer we therefore request that you read this manual carefully before putting your **BAUER Electric mixer** into operation! All instructions given for handling, operating and servicing the mixer must be strictly observed. On condition that these instructions are followed the pump will operate trouble-free to your full satisfaction for many years!

Non-observance of our instructions may cause personal injury or damage to the equipment!

| |
|--|
| This operating manual is considered an integral part of the slurry mixer. Suppliers of new and used slurry pumps are advised to put down in writing that this manual was handed over together with the pump. |
|--|

Please make this manual available to your operating personnel. You are kindly requested to state the pump type and serial number of the slurry mixer in all inquiries, correspondence, warranty problems or parts orders. These details are specified on the nameplate.

We hope you will enjoy working with your BAUER Electric Mixer



General safety instructions

Symbols and terms



The CE symbol that has to be affixed on the machine by the manufacturer outwardly demonstrates compliance of the machine with the directives for machines and other relevant EU directives.

**WARNING!**

The CE symbol that has to be affixed on the machine by the manufacturer outwardly demonstrates compliance of the machine with the directives for machines and other relevant EU directives

CAUTION!

Non-observance of this instruction may cause damage to or destroy the machine or individual components.

NOTE

It is important to observe this note or condition!

Definition of Terms

Qualified operators are persons who on account of their training, experience and instruction as well as their knowledge of relevant standards, rules, precautions to be taken for accident prevention and operating conditions, have been authorised by the person in charge of plant safety to perform the individual tasks required, and in doing so are able to recognise and avoid potential hazards. Among other things, knowledge of first aid is also required

Operation includes the assembly, putting into operation (making it ready for use) and operating (activating, turning on and off etc.)

Maintenance includes the inspection and servicing (inspection and auditing), repairs (including error finding). of first-aid procedures is also required.

It is also important to follow the transport, assembly, operation and maintenance instructions and technical data that are not particularly emphasized (in the instructions, the product documentation and information affixed to the machine), in order to prevent disturbances, which can directly or indirectly lead to personal or physical damages.

Product liability

As defined by the product liability law every farmer is also an entrepreneur! According to §9 PHG (Product Liability Law), liability for damage to corporeal things caused by defective products is expressly excluded. This exclusion of liability also applies to parts not manufactured by BAUER itself but purchased from external suppliers.

Duty to furnish information

Even if the customer passes on the machine later-on he is obliged to hand the operating manual on to the new receiver too. The receiver of the machine must be instructed with reference to the mentioned regulations.

Intended use

- **BAUER Electric mixers** are built exclusively for normal use in agricultural applications (intended use).
- Any use beyond such normal use is considered non-conforming. Manufacturer is not liable for damage resulting from such non-conforming use, the sole liability for damage from non-conforming use lies with the user.
- Intended use also includes compliance with the manufacturer's operating, maintenance and service instructions.
- The **BAUER Electric mixer** may be used and operated only by persons who are familiar with the device and aware of the hazards involved.
- All rules relevant for accident prevention as well as any other generally valid specifications and regulations relating to safety, work medicine and traffic law must be strictly observed.
- Unauthorised modification of the machine releases the manufacturer from liability for damage resulting therefrom.



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1 GENERAL INSTRUCTIONS FOR SAFETY AND ACCIDENT PREVENTION

Check the machine for operational safety before every start-up.

1. In addition to the instructions contained in this manual, all specifications generally valid for safety and accident prevention must be observed!
2. The warning and instruction signs affixed to the machine give very important instructions for safe operation. Observing them serves your own personal safety!
3. Never put the machine into operation unless all guards and safety devices are completely mounted and in their proper working position!
4. Acquaint yourself with all equipment components and controls as well as their respective functions before starting to work. It is too late when the device is already running!
5. The operator's clothes should fit tightly. Avoid wearing loose clothes!
6. When handling slurry always keep in mind that the gasses produced are highly toxic and extremely explosive in combination with oxygen. Therefore, open fires, light tests, sparking and smoking are strictly forbidden!
7. Utmost care is required with regard to gasses in slurry and dung channels at open valves to the preliminary pit, before the main pit, or at cross channels. The same applies to mixing and withdrawal points when mixers or pumps are running!
8. When handling slurry always ensure sufficient ventilation!
9. Keep the machine clean to avoid fire hazards!

Tractor-driven machines

1. Before starting inspect the area around the machine (Children) ! Make sure your view is unrestricted!
2. Riding on the machine during transport is forbidden!
3. Couple the machine according to instructions and fasten it only at the specified points!
4. Be especially careful when coupling the machine to the tractor or uncoupling it!
5. Always adjust the supports in the proper position when coupling or uncoupling the machine (stability)!
6. Always mount balancing weights properly at the points provided!
7. Observe restrictions pertaining to axle load, total weight, and transport dimensions!
8. Inspect and mount all items required for transport such as lighting, warning signals and possible safety devices!
9. Mounted or trailed machines as well as balancing weights influence road behaviour, steering and braking capacity. Therefore make sure that proper steering and braking are possible!
10. Consider the projection and/or centrifugal mass of the machine when driving in curves!
11. It is forbidden to stay in the working range of the machine while it is operating !
12. Keep out of the turning and swivelling range of the machine!
13. Only operate hinged hydraulic frames when nobody is in the swivel range!
14. Externally powered machines (e.g. hydraulic) bear a crushing and shearing hazard!
15. Nobody is allowed between the tractor and the implement unless the tractor is secured by the parking brake and /or wedges under the wheels!
16. Hinged supports must always be folded up and secured before driving away!
17. Secure the machine and the tractor against rolling!

Tractor-mounted machines:

1. Before a machine is linked to or detached from the three-point linkage, the control device must be shifted to a position in which unintentional lifting or lowering is impossible!
2. When using the three-point linkage the linkage parameters of both tractor and attached machine must correspond, if not, they have to be matched accordingly!
3. The three-point linkage bears crushing and shearing hazards!
4. When operating the external control of the three-point linkage never step in-between tractor and the machine!
5. When the machine is in the transport position always make sure that the tractor's links are always properly secured on the sides.
6. When driving on the road with the machine lifted the control lever must be locked against lowering!

Trailed machines

1. When a machine is coupled to the draw bar make sure that the coupling point provides sufficient flexibility!



Power take-off (applies only to PTO driven machines)

1. It is not allowed to use any other types of PTO drive shafts except those prescribed by the manufacturer!
2. Drive shaft guard tube and guard cone as well as the PTO guard – also on the machine side - must be mounted and in good working order!
3. When using a PTO drive shaft always observe the specified overlap in transport and working position!
4. Never connect or disconnect the PTO drive shaft unless the PTO is stopped, the engine turned off, and the ignition key pulled out!
5. Make sure the drive shaft is always connected and secured properly!
6. Attach safety chain to keep the drive shaft guard from rotating with the shaft!
7. Before you turn on the PTO make sure that the selected tractor PTO speed corresponds with the permissible implement speed!
8. Before starting the PTO make sure that nobody is standing in the danger zone of the machine!
9. Never turn on the PTO when the engine is turned off or during a transport drive!
10. When working with the PTO nobody is allowed near the turning PTO or drive shaft!
11. Warning! The PTO shaft may continue turning due to its centrifugal mass after the PTO has been turned off! Keep clear of the machine during this time and do not touch until the PTO shaft stands absolutely still!
12. For cleaning, greasing, or adjusting the PTO driven implement or drive shaft, PTO and engine must be switched off and the ignition key pulled out!
13. Place the disconnected drive shaft on the provided support!
14. When drive shaft has been removed put the guard on the PTO shaft!
15. If a defect occurs repair it immediately before starting to work with the machine!

Hydraulic system

1. Hydraulic system is under high pressure!
2. When connecting hydraulic cylinders and motors, make sure the hydraulic hoses are connected as specified!
3. Before coupling the hydraulic hoses with the tractor's hydraulic system make sure that the entire hydraulic system is pressureless both on the tractor and implement side !
4. Inspect the hydraulic lines at regular intervals and replace them immediately in case of defects or ageing. Replaced hoses must comply with the technical specifications of the implement manufacturer!
5. When looking for leaks use only suitable equipment because of the injury hazard involved!
6. Liquids emerging under high pressure (hydraulic oil) may penetrate the skin and cause serious injuries! An injured person must see a doctor immediately! Danger of infection!
7. Before working on the hydraulic system the machine must be lowered, the system depressurised and the engine turned off!

Electric-driven implements

1. All work beyond normal maintenance of the implement should be performed only by a professional electrician!
2. Defective or broken plugs and sockets must be replaced by a professional electrician!
3. Never pull a plug out of the socket at the flexible electric cord!
4. Extension cables for power supply should be used only temporarily! Never use such lines permanently as a substitute for the required fixed installations!
5. Flexible lines laid across traffic areas on the farm must have at least 5 m ground clearance!
6. Always turn off the power supply before you do any work on the machine!
7. Check all electric lines for visible defects before you put the machine into operation! Replace defective cables and do not start the machine before that!
8. Never use electric-driven implements in damp situations or locations exposed to fire hazard unless they are adequately protected against moisture and dust!
9. Covering electric motors may cause heat concentration with high temperatures which could destroy the operating equipment and cause fires!

**Hand-operated devices (valves)**

1. Because of the slurry gasses produced in the lines, no slurry is allowed to remain in closed pipelines – bursting hazard!
2. Lay the pipelines with sufficient inclination and make sure that the selected closing order of valves allows all lines to be drained completely!
3. Protect the valves against unauthorised handling!
4. If a valve gets jammed do not apply force! Use only the operating levers supplied with the implement!
5. Observe the permissible maximum operating pressure of valves and pipelines when pumps are operated!
6. Service only when the tanks are empty!

Maintenance

1. Never perform any maintenance, service or cleaning work or fault elimination steps unless the drive is turned off and the engine is standing still!
2. Check proper fit of all nuts and bolts regularly and tighten them, if necessary.
3. If maintenance work is required on the lifted machine always secure it by means of appropriate supports!
4. When exchanging tools with cutting edges always use proper tools and wear safe protective gloves.
5. Dispose of oil, grease and filters according to local laws and regulations!
6. Before doing electric welding on tractor and mounted and mounted devices, the generator and battery cables must be disconnected.
7. Always turn off power before working on the electric system!
8. Spare parts must meet manufacturer's minimum technical specifications! This is the case for instance with original spare parts for instance!

2 General Description

Yields can only be secured and quality improved by supplying the crops with the necessary nutrients at the right time.

Die BAUER slurry mixer MEX 305 and MEX 450 G only differ optically in that the MEX 450 G has a reduction gearing, bigger mixer blades and a hand rope winch. The rope winch can also be used with an MEX 305 on request. The MEX 305 is for pits up to 170 m³ and the MEX 450 G for up to 280 m³ volume to homogenize the slurry. The mixer shaft can be fixed at any desired position allowing operation without supervision.

The gear mixer MEX 450 G is ideal for the treatment of flushing and floating slurry. Via the electric motor with gear box the speed of the blade is reduced to 610 rpm. With the blade diam. 450 mm an optimum mixing performance is achieved also with very viscous slurry.

The mixer shaft is filled with oil (quantity see technical data). In it runs the drive shaft in multiple bearings. A very reliable sealing system on the side of the blade prevents slurry from getting into the bearing. The mixer shaft can be tilted vertically and can be fixed at any desired position.

Slurry Mixer **MEX 305** and **MEX 450 G** with lifting device

Mounted on the two-wheel frame are adjustable supports, two of them with support spindles. That way the wheels can lift from the ground during the operation. The supports absorb the pushing force of the mixer blades and at the same time ensure that the cart rests firmly on the ground.

Mounted on the guiding pipe is the mixer shaft support with the rope winch. With the winch the mixer shaft can be lifted and lowered and the length can be adjusted. Holes in the guiding pipe and two locking bolts on the mixer shaft carrier allow variable adjustment in height of the mixer shaft. To fix the mixer shaft in longitudinal direction, a further locking bolt can be found on the mixer shaft support. With the hand levers spindle on the mixer shaft support the mixer shaft can be positioned at any desired angle.

3 Putting into operation

For easy transportation the parts of the mixer are delivered loose and must be assembled before its first time operation.

Electrical connections

To protect the motor from damage due to overload, it is an absolute need to provide a protection switch adjusted to the rated current consumption and mounted free of vibration (if possible not on the mixer). The maximum permissible rated current consumption is indicated on the motor's rating plate.

The mixer is supplied with a reversing star-delta switch mounted. The required connecting cable (4 x 2,5 mm² Cu) with a socket must be connected by a qualified person. It will be easy for him with the help of the wiring diagram in the switch box.

**Attention:**

Check motor for accumulation of condensation water before every start of operation. Remove drain bolt for condensating water on the bottom part of the motor behind the motor flange and then screw them in again.

**WARNING!**

- Check the oil level in the gear box before putting into operation (with MEX 450 G) and check, if the mixer shaft for possible oil loss !
- When lifting, lowering or adjusting the mixer shaft longitudinally, only unlock one locking pin, i.e. either for the "Lifting-lowering" function or for the "longitudinal adjustment".
- Turn the mixer only on, when in the pit.
- When operating, see that nobody is in the dangerous range of the machine or close to the pit (CHILDREN!!!)

One-time assembly



For easy transport, the two-wheel frame, the vertical guiding pipe with the mixer shaft support, the rope winch, the complete mixer shaft with motor, spur gear system, mixer blades and guard bow are delivered loose and must be assembled before put into operation for the first time



Place the mixer shaft onto the two-wheel frame and support the motor.



Then screw the guiding pipe with the mixer shaft support and the rope winch to the two-wheel frame.

... Remove both lower rollers with the spacer sleeves from the mixer shaft support. ...



... put the mixer shaft support on the mixer shaft and
... mount the two rollers with the spacer sleeves again.



Remove the deviating roller from the mixer shaft...



Put the cable starting at the mixer shaft support around the
deviating roller

and fasten it again at the mixer shaft.



Lock the adjusting spindle in the mixer shaft support.

The adjusting spindle can also be mounted turned by 180 °.

... if the regular position is not convenient for the operator.





Putting into operation



With the rope winch, for lifting and lowering and with the hand lever spindle – for swiveling the mixer shaft – it can be lowered into the pit opening (minimum 60 x 60 cm) without great effort.



If your pit has a small opening, the mixer shaft support must be fixed in the upper rest position at the guiding pipe with the rope winch and the mixer shaft tilted strongly with the hand lever spindle

At the same time release the rope with the winch.



Crank up both supports until the wheels are definitely off the ground. If you have a concrete ground, we recommend to cut in slits for the supports. These supports together with the front support plates absorb the pushing forces occurring during the operation.





To increase the stability, all four support legs can be adjusted longitudinally.

Tighten the clamping screw !



Before you put the mixer into operation, make sure, that the mixer shaft as well as the roller carrier are secured with the corresponding safety pin.





4 Operation



WARNING!

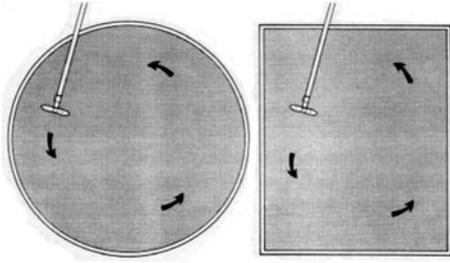
When operating slurry equipment, there is not only the dangers caused by moving parts or parts under pressure, liquid dung gasses can also occur. These gasses (carbon dioxide CO₂, ammonia NH₃, hydrogen sulphide H₂S, methane CH₄) can cause poisoning or explosions. Particularly when operating mixers, mixing equipment, slalom systems, stirring nozzles or slurry ventilation systems, take care that no gasses can flow into the stables from containers outside (mount syphons or valves). When handling slurry in the stables, make sure a compulsory ventilation system is installed.

- Smoking or handling of open fires are forbidden close to the pit opening or the slurry container when mixing the slurry !
- Escaping gasses are toxic and explosive. For safety reasons, people and animals should keep sufficient distance to the opening of the slurry pit.
- Turn the mixer only on, when in the pit.
- Take care, that nobody is in the dangerous range of the machine or is close to the pit opening (CHILDREN!!!).
- Before you put the machine into operation, check the oil level in the gear box (for MEX 450 G) and check the mixer shaft for oil loss !
- Before you turn on the mixer, check that the frame with all its four supports stands on the ground to avoid slipping of the cart.
- Every time, you change the direction of rotation of the mixer blades, make sure that the motor stands completely still before you turn on again.
- When the trolley is positioned on an unfavorable ground (for lifting device) – e.g. on a concrete ground – the 9,2 KW mixer must be anchored, when necessary, because of the high pushing forces of the mixer blades.
- During the operation, the mixer shaft must be secured with all safety pins and the rope must be loose. The electric motor has an IP 44 type of protection (protection against splash water). The mixer can therefore also be in use during rainfall. During a standstill, the motor has to be protected against moisture. .



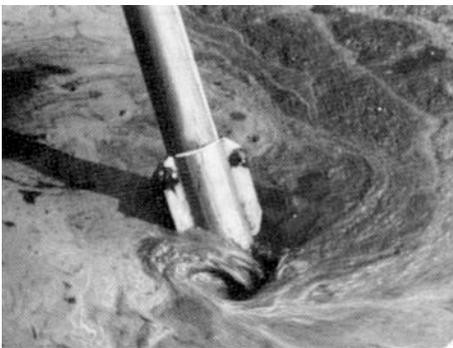
Connect the cable, which has been connected by a qualified person to the switch box, with the plug to the feed line.

Before you turn on, make sure that the trolley with the 4 supports of the trolley are firm on the ground and that it does not slip. In the working position the wheels are lifted from the ground. The four points of contact, i.e. the two front supports and the two support legs give the mixer a firm stand and absorb the pushing and pulling force of the mixer blades.



The mixer has to be lowered into the pit in a way that the rotary force stirs up the entire pit volume. If the stream is directed toward the wall, the blending effect is reduced considerably. Do not lower the mixer shaft in a way that the blades are positioned too deep or too shallow.

You can go by the fastening clamp of the guard bow. The clamp should still be visible. That way some air gets sucked in at intervals, which enhances the mixing performance without creating a lot of foam... When you have slurry with a strong sediment (pig and poultry manure, manure with a lot of sawdust etc.) the mixer shaft should be as low as possible for mixing.



When you have a floating crust, before actually mixing, it is recommended to have the motor run anti-clockwise. That way the slurry from underneath is pushed against the floating crust and tears it up. Then you turn the motor clockwise, so that the parts of the floating crust are drawn towards the mixer blades and destroyed by them.

NOTE

If positioned too shallow, too much air gets sucked in, which results in an undesired creation of foam.

If positioned too deep, it is harder to destroy the floating crust, because the mixing performance and the suction effect are reduced

5 Transport



For the transport crank up both supports.

Experience shows that the mixer shaft is best brought to hip height. In this position, lowering the mixer shaft into a big-dimensioned pit opening is also easily done.



The trolley can be pushed and pulled like a hand cart.



6 Trouble Shooting

| Trouble | Causes | Remedies |
|--|--|--|
| Motor does not start | Blown fuses | Change blown fuses. Take care or correct amperage ! |
| | Cable or cable connection damaged | Have cable and connection on motor checked by a professional |
| | Blade blocked by foreign objects | Change the rotation of the motor. If this is without success, take the motor shaft out of the pit and remove the foreign object. |
| | Protection switch set too low | Adjust switch to rated current consumption indicated on the motor's rating plate. |
| Protection switch is activated | Excessive voltage drops due to insufficient power supply. | If there is no other choice, reduce the power input by heating up and trimming the blades (to reduce the inclination) |
| | Excessive voltage drop because the feeder cable is too weak or too long. | Use feeder cable 4 x 2,5 qmm Cu |
| | Increased friction because of fibrous material between blade hub and mixer shaft | Remove the blade and take out the fibrous material |
| Gearbox gets hot | Oil leaks | Exchange sealing of gearbox and refill oil. |
| The mixer shaft gets hot at its bearing. | Oil leaks | Replace sealing of mixer shaft and refill oil. |
| Mixer is running uneven | Blade unbalanced | Check the symmetry of the blade and regrind, if necessary |
| | Worn bearing | Replace bearing |
| Poor mixing performance | Worn blade | Mount new blade |
| | Fibrous material twisted around the blade | Remove the fibres |

7 Maintenance and Service



WARNING!

- Maintenance and service jobs can only be done, when the slurry mixer is not operating. Do not climb on a running machine !
- Before you work around the protective ring or the blades, turn off the tractor.
- Repairs are only to be done by qualified operators !

CAUTION!

Regularly check if all nuts and bolts are fastened tightly and, if necessary fasten!

Like every other machine, the slurry mixer should be cleaned after its use, as long as the slurry is still fresh and can be rinsed off easily.



The cutting edges of the blades must be checked as to their sharpness from time to time and, if necessary, re-sharpened evenly to avoid unbalance.

The mixer shaft is filled with oil type HD20/20W for the lubrication of the shaft bearing. Oil only needs to be changed, when repairs have to be done.



The gearbox of the **MEX 450 G** is filled with **0,3 l** oil type Shell X15W/40. Here, too, the oil only needs to be exchanged in the course of repairs.

A) Oil filling plug

B) Oil level checking glass



The rollers of the mixer shaft support, the guiding pipe, the bearing of the tires as well as the spindles of the support, have to be lubricated, as required, with a tenacious grease that adheres well.

8 Storage and standstill

After a longer standstill and before putting the machine into operation again, check the oil level at the mixer shaft. To do this, position it horizontally and remove the oil filling plug at the side of the motor. There is sufficient oil, if the drive shaft, that you see in the pipe, is still completely covered with oil. If you do not have enough oil, find out what the reason could be and repair. In this case, it is important to check the sealing system at the side of the blades. The oil level at the reduction gear can be read from the oil level checking glass (B). The mixer should not be stored in a way that it is exposed to the weather, possibly therefore under a roof. The motor should be higher up than the mixer blades with the guard bow. The mixer in this position, you can also check at the same time, if the sealing system at the blade side is still working or is damaged and, if required, exchange it.

9 Technical Data

| Slurry Mixer Type | | | MEX 305 | MEX 450 G |
|--------------------------------|-----------------------|---|------------|--------------|
| Motor output | kW | | 7,5 | 7,5 9,2 |
| Nominal speed (50Hz) | min ⁻¹ | | 1450 | 1450 |
| Voltage | V | | 380 | 380 |
| Mixer shaft length | m | | 3,5 ; 4,5 | 3,5 ; 4,5 |
| Speed of blade | min ⁻¹ | | 1425 | 610 |
| Diameter of blade | mm | | 305 | 450 |
| For pit volumes up to: | m ³ | | 170 | 230 280 |
| For pit depths up to: | m | | 2,5 ; 3,5 | 2,5 ; 3,5 |
| For pit openings up to | cm x cm | | 60 x 60 | 60 x 60 |
| Oil filling of the mixer shaft | SAE 20W-20 Motor oil | l | 9,5 ; 12,5 | 9,5 , 12,5 |
| Oil filling of the gear box | SAE 85W-140 Motor oil | l | -- | 0,3 |

Engine Oil; Viscosity Grade SAE20W20 or SAE20; SAE HD20; Quality Level API CF/SF

GEAR OIL: conforming DIN 51517 Part3, ISO 12925-1 Type CKC, AGMA 9005-D94EP-5EP; ISO Viscosity Grade: 220

Name Plate



Signs

The signs on the mixer and the frame may not be removed. They help to operate the **BAUER slurry mixer** more safely.

If you damage or remove them, you are requested to order them from us. Please find the part numbers in the spare parts book.



10 Conformity Certificate

EC Declaration of Conformity according to EC Directive 2006/42/EC

The manufacturer

Röhren- und Pumpenwerk BAUER Gesellschaft m.b.H.
Kowaldstraße 2, 8570 Voitsberg, Austria
phone +43 3142 200-0; fax: +43 3142 200-320/-340

herewith confirms that the machine mentioned below

| | |
|----------------------------|---|
| Designation of machine | Electric Mixer |
| Machine type / basic units | MEX 305 and MEX 450 G |
| Consists of | Mixer shaft complete with hoop guard and trolley with lifting device |

corresponds analogously to the requirements of the Machinery Directive 2006/42/EC.

In case of a modification of the machine not accorded with FAN GmbH, this declaration will cease to be valid.

The following standards as amended have been applied analogously:

| | |
|--------------------|---|
| DIN EN ISO 12100-1 | Safety of machines – Basic concepts, general principles for design, Part 1: Basic terminology, methodology |
| DIN EN ISO 12100-2 | Safety of machines – Basic concepts, general principles for design, Part 2: Technical principles and specifications |
| DIN EN 60204-1 | Safety of machines - Electrical equipment of machines, Part 1: General requirements |
| EN ISO 14121-1 | Safety of machines – Risk assessment |

Norms related to products

| | |
|--------------|--|
| EN ISO 13857 | Safety of machines, safety clearance to secure no touching hazard area with upper extremities. |
| DIN EN 349 | Safety of machine, minimum clearance to avoid crushing body parts |
| DIN EN 809 | Pumps and pump units for liquids - Common safety requirements |

The documents belonging to the machine according to annex VII, part B have been attached.

Person in charge of documentation: Thomas Theissl, Kowaldstraße 2, 8570 Voitsberg, Austria,

Technical Designer in Charge

Commercial Manager