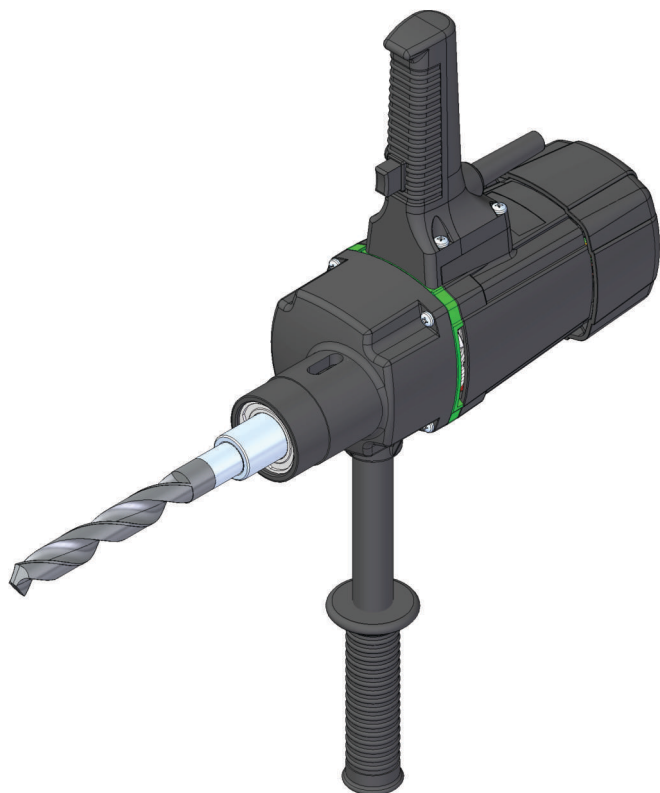


PEHB 32.1



Original Instructions



Read instructions before operating Drilling Machine.

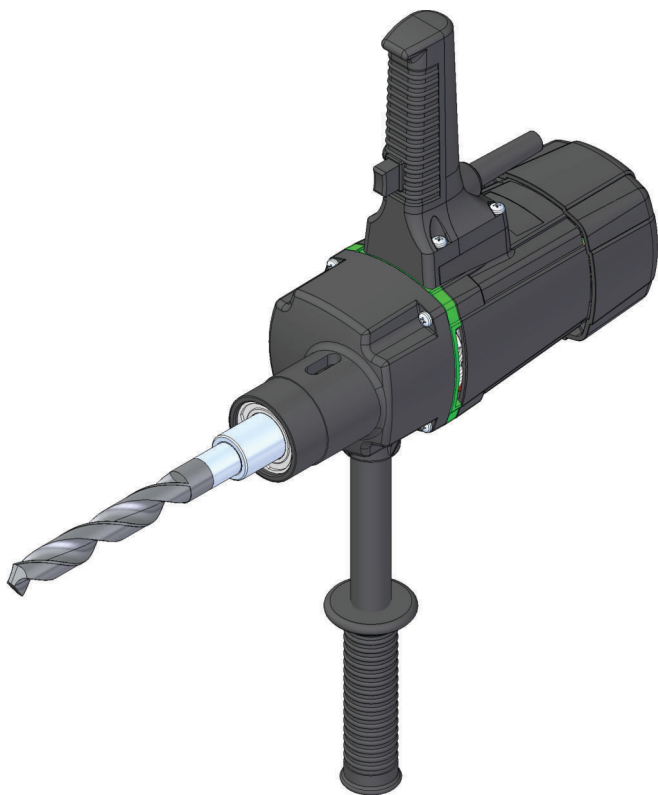
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EIBENSTOCK

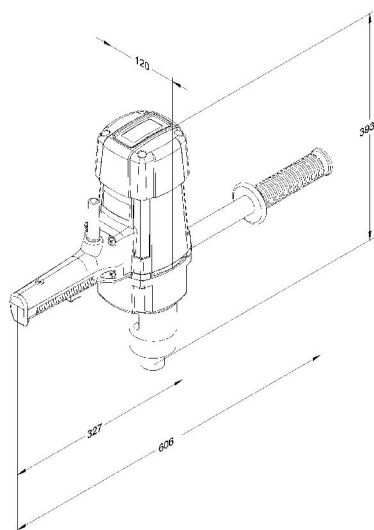
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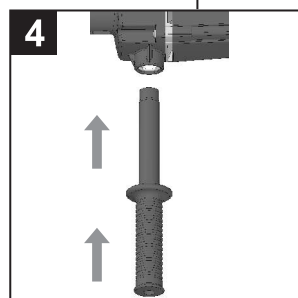
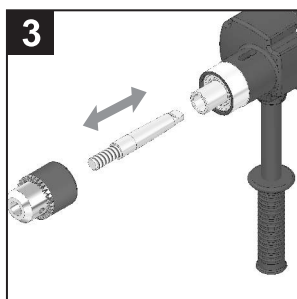
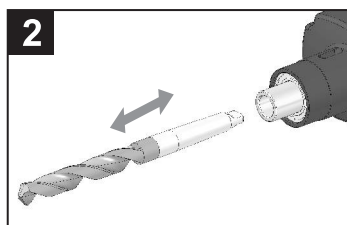
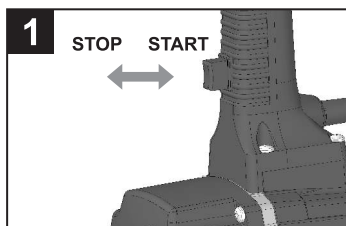
PEHB 32.1

OVERALL DIMENSIONS

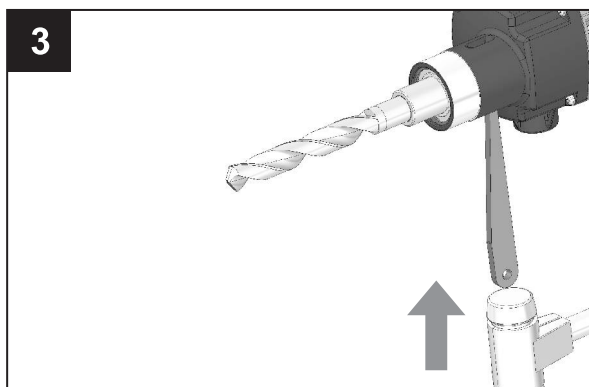
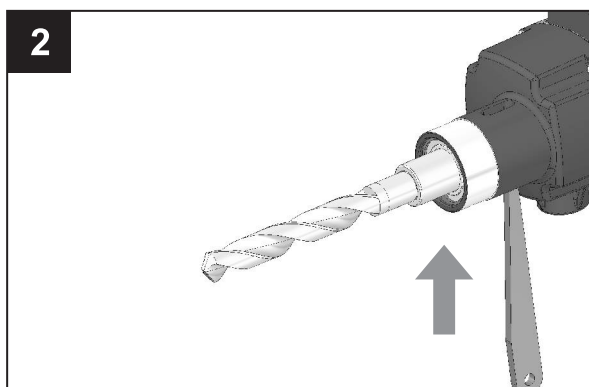
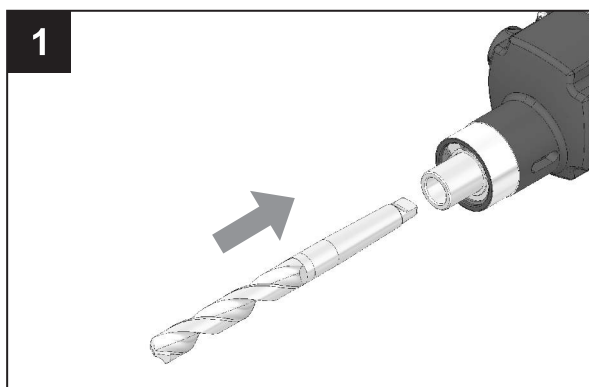
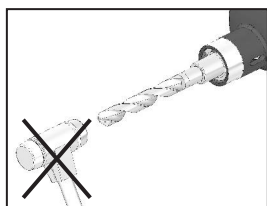
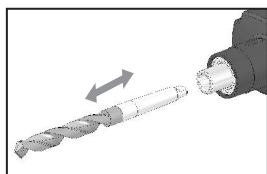


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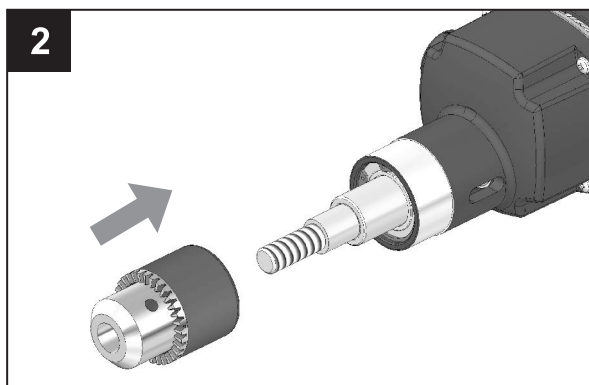
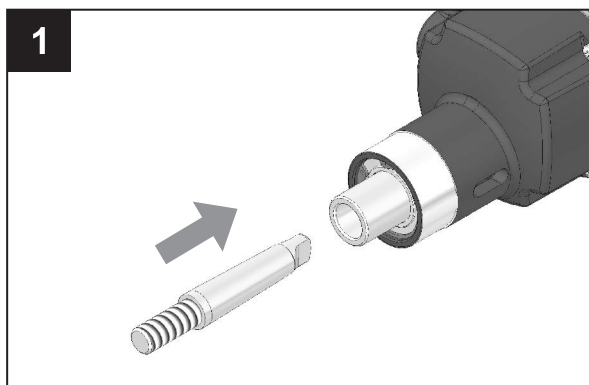
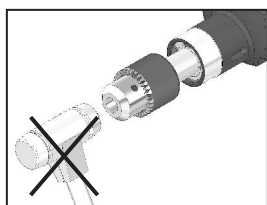
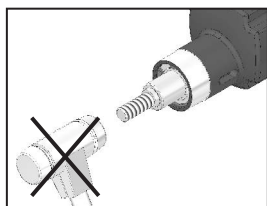
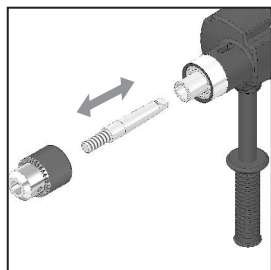
PEHB 32.1



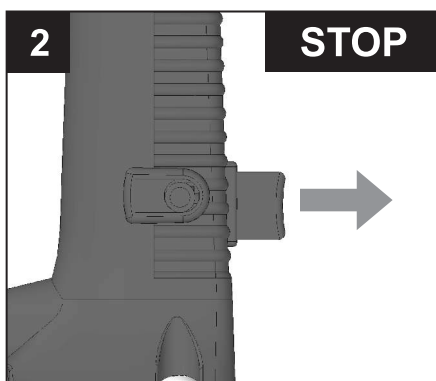
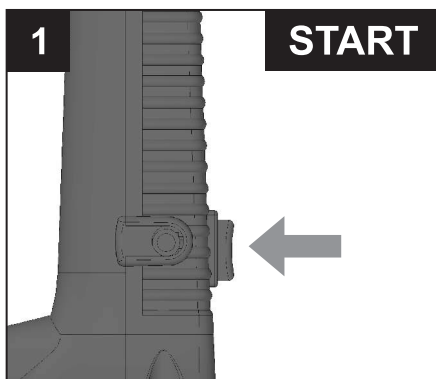
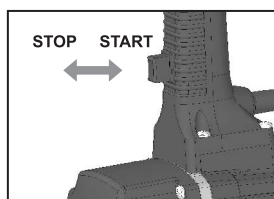
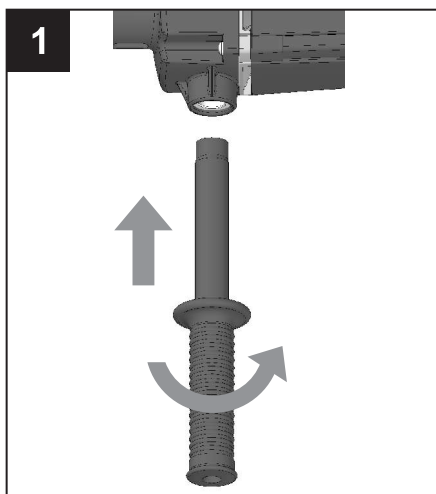
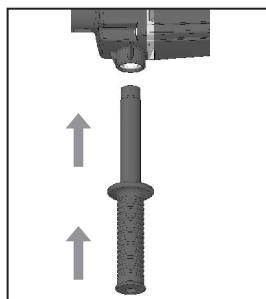
TWIST DRILL ASSEMBLY



CHUCK ASSEMBLY



SIDE HANDLE ASSEMBLY



TECHNICAL SPECIFICATIONS

MODEL	PEHB 32.1
Input Watts (W)	1700
Voltage (V)	220-240
Rated Speed (n) min - 1	110
Morse Taper	MK 3
Spindle Connection	—
Mechanical Safety Clutch	—
Drilling Capacity in brickwork (mm)	—
Drilling Capacity in concrete (mm) (Wet) Gear 1	—
Drilling Capacity in concrete (mm) (Wet) Gear 2	—
Drilling Capacity in concrete (mm) (Wet) Gear 3	—
Drilling Capacity in Aluminium (mm)	Ø 60
Drilling Capacity in Steel (mm)	Ø 32
Drilling Capacity in Wood (mm)	Ø 100
Weight (kg)	6.7

THANK YOU FOR BUYING A EIBENSTOCK POSITRON PLAIN / IMPACT DRILL

We have built for you a reliable and lasting Plain / Impact & Concrete Drill. Working effectively and without endangering your health is only possible if this instruction for use is read carefully before first using the tool.

NOTE

- As our engineering is striving for the constant research and development to improve the quality, shape or specification of our product can be changed without prior notice.

Important!

When using equipment, a few safety precautions must be observed to avoid injuries and damage.

Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well.

SAFETY REGULATIONS

The corresponding safety information can be found in the enclosed booklet.

CAUTION!

Read all safety regulations and instructions.

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

PROPER USE

The Plain / Impact drill is designed for drilling work with hammer action in concrete, rock brick & plain action for drilling in aluminium steel & wood always using the correct drill bit.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Wear ear-muffs.

The impact of noise can cause damage to hearing.

REPLACING THE POWER CABLE

If the power cable for this equipment is damaged, it must be replaced by the manufacturer or its after-sales service or similarly trained personnel to avoid danger.

- Cleaning, maintenance and ordering of spare parts. Always pull out the main power plug before starting or any cleaning work.

Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible.

Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.

- We recommend that you clean the device immediately each time you have finished using it.

- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device.

Carbon brushes

In case of excessive sparking, have the carbon brushes checked only by a qualified electrician.

Important! The carbon brushes should not be replaced by anyone but a qualified electrician.

Maintenance

There are no parts inside the equipment which require additional maintenance.

Ordering replacement parts:

Please quote the following data when ordering replacement parts:

- Type of machine

- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required For our latest prices and information please go to our website

<http://www.ep-india.in>

DISPOSAL AND RECYCLING

The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

The unit and its accessories are made of various types of material, such as metal and plastic.

Defective components must be disposed of as special waste. Ask your dealer or your local council.

SYMBOLS



Please read the instruction carefully before starting the machine.



CAUTION! WARNING! DANGER!



Always wear goggles when using the machine.



Always disconnect the plug from the socket before carrying out any work on the machine.



Class II construction, tool in which protection against electric shock does not rely on basic insulation only, but in which additional safety precautions, such as double insulation or reinforced insulation, are provided.

MEMO

WARNING!

Read all safety warnings and all instructions, including those given in the accompanying broucher. Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury.

Safety Warning Common for Grinding, Sanding, Wire Brushing or Abrasive Cutting - Off operations :

a) This power tool is intended to function as a grinder, sander, wire brush, or cut-off tool. Read all Safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

b) Operations such as a polishing are not recommended to be performed with this power tool. Operations for which the power tools was not designed may create a hazard and cause personal injury.

c) Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Just because the accessory can be attached to you power tool, it does not assure safe operation.

d) The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool. Accessories running faster than their rated speed can break and fly apart.

e) The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool. Incorrectly sized accessories cannot be adequately guarded or controlled.

f) The arbour size of wheels, flanges, backing pads or any other accessory must properly fit the spindle of the power tool. Accessories with arbour holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

g) Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspecting for damage or install an undamaged accessory. After inspection and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no load speed for one minute. Damaged accessories will normally break apart during this test time.

h) Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and shop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by you operation. Prolonged exposure to high intensity noise may cause hearing loss.

i) Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragment of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.

j) Hold the power tool by insulated gripping surface only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting, live wire may make exposed metal parts of the power tool, live and could give the operator an electric shock.

k) Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.

l) Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of you control.

m) Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.

n) Regularly clean the power tools air vents. The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.

o) Do not operate the power tool near flammable materials. Sparks could ignite these materials.

p) Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electric shock.

Kickback and related warnings

Kickback is a sudden reaction to a pinched or snagged rotation wheel. Pinching or snagging causes rapid stalling of the rotating wheel which in turn causes the uncontrolled power tool to be forced in the direction opposite of the wheel's rotation at the point of the binding.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of saw misuse and / or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up. The operator can control torque reactions or kickback forces, if proper precautions are taken.

b) Never place your hand near the rotating accessory. Accessory may kickback over your hand.

c) Do not position your body in the area where power tool will move if kickback occurs. Kickback will propel the tool in direction opposite to the wheels movement at the point of snagging.

d) Use special care when working corners, sharp edges, etc. Avoid bouncing and snagging accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

e) Do not attach a saw chain, woodcarving blade or toothed saw blade. Such blades create frequent kickback and loss of control.

Safety Warnings Specific for Grinding and Abrasive Cutting Off Operations :

a) Use only wheel types that are recommended for your power tool and the specific guard designed for the selected

wheel. Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.

b) The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator. The guard helps to protect the operator from broken wheel fragments and accidental contact with wheel and sparks that ignite clothing.

c) Wheels must be used only for recommended applications. For example : do not grind with the side of cut-off wheel. Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.

d) Always use undamaged wheel flanges that are of correct size and shape for your selected wheel. Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.

e) Do not use worn down wheels from larger power tools. Wheel intended for larger power tool is not suitable for the higher speed of smaller tool and burst.

Additional Safety Warnings Specific for Abrasive Cutting-Off Operations :

a) Do not "jam" the cut-off wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut. Overstressing the wheel increases the loading and susceptibility to twisting or binding of the wheel in the cut and the possibility of kickback or wheel breakage.

b) Do not position your body in line with and behind the rotating wheel. When the wheel, at the point of operation, is moving away from your body, the possible kickback may propel the spinning wheel and the power tool directly at you.

c) When wheel is binding or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur. Investigate and take corrective action to eliminate the cause of wheel binding.

d) Do not restart the cutting operation in the workpiece. Let the wheel reach full speed

and carefully re-enter the cut. The wheel may blind, walk up or kickback if the power tool is restarted in the workpiece.

e) Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback. Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.

f) Use extra caution when making a "Hole" into existing walls or other blind areas. The drill bit may hole on gas or water pipes, electrical wiring or objects that can cause kickback.

Safety Warnings Specific for Sanding Operations :

a) Do not use excessively oversized sanding disc paper. Follow manufacturers recommendations, when selecting sanding paper. Larger sanding paper extending beyond the sanding pad presents a laceration hazard and may cause snagging, tearing of the disc or kickback.

Safety Warning Specific for Wire Brushing Operations :

a) Be aware that wire bristles are thrown by the brush even during ordinary operation. Do not overstress the wires by applying excessive load to the brush. The wire bristles can easily penetrate light clothing and / or skin.

b) If the use of a guard is recommended for wire brushing, do not allow any interference of the wire wheel or brush with the guard. Wire wheel or brush may expand in diameter due to work load and centrifugal forces.

MEMO
