

# Operating instructions

## BS 320 B drill stand



### Technical data

Working stroke	630 mm
Angle adjustment	infinitely variable up to 45°
Weight	15,25 kg
Clamping dia.	43 mm
Max. drilling diameter in wood	322 mm
Max. drilling diameter in masonry*	257 mm
Max. drilling diameter in concrete	202 mm
Column	920 mm
Base plate	275 x 465 mm

\* for dry suction the TBS dry suction system is required

### Application

The **BS 320 B drill stand** was developed to permit drilling large diameters with diamond core bits and carbide-tipped core cutters. The drill stand places and guides the machine. **The maximum diameter of the respective materials must be strictly adhered to.** It must not be used without being properly secured.

No other forms of use than indicated are permitted. **The user is solely responsible for damages which result from improper use. Always comply with recognized accident prevention regulations and the accompanying safety precautions.**

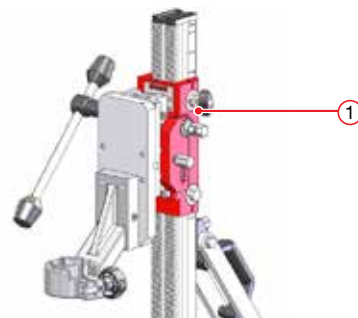
### Fixing options

- Mounting set **BFS**
- Quick release column **SST**
- Fix with vices

### Alignment drill stand

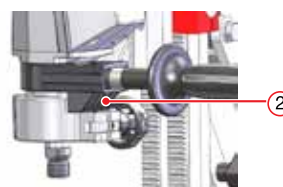
- For reasons of stability the BS 320 B drill stand must always be braced against the base material surface by means of the four adjusting bolts.
- Suitable bubble levels are integrated into the carriage to ensure alignment at right angle.
- A **ZD** centring rod can be supplied for positioning with pinpoint accuracy. With this, the drill stand can be positioned without the diamond core drill installed or, provided the quick release coupling is used, even with the diamond core drill installed.

### Fixing drill holder



Mount the drill holder in the prismatic guide of the carriage and tighten clamping screw (1).

### Fixing machine



Ensure that the ridge of the handle (2) handle fits into the gap of the drill holder.

## Maintenance and care

- At the conclusion of work, remove dirt and dust.
- Lubricate sliding parts with teflon spray; grease adjusting bolts.
- Check the carriage for play, adjust if necessary. Loosen the clamping screw on the carriage and adjust set-screw at the side of the block until zero backlash is restored.
- Store in a dry place.

## Guarantee

The warranty period is 12 months from the date of delivery as shown on the warranty certificate or invoice. The warranty is valid as long as the BS 320 B drill stand has been operated and handled correctly, cleaned and serviced properly in accordance with the operating instructions and has not been tampered with by unauthorized persons. The warranty is limited to the free repair or replacement of parts which become defective due to production or material faults only. Parts becoming defective as a result of normal wear or due to tampering by the customer or others are not covered by this warranty. The warranty is valid only if genuine DUSS tools, consumables, accessories and spare parts are used, i.e. only if the technical unit is maintained.

Additional claims are excluded, i.e., DUSS is not liable for direct, or indirect defects or consequential damages, losses or expenses in connection with the use of, or the inability to use the tool for any purpose. Implied warranties of usability or suitability for a particular purpose are excluded.

If a defect is discovered, the BS 320 B drill stand must be sent immediately to your dealer or the DUSS Service Centre. All previous written or verbal warranties are superseded by the above warranty obligations.

## Service

Repairs may only be carried out by a qualified person. If a fault occurs, you are recommended to return the BS 320 B drill stand to the following address



Alternatively send it to a DUSS customer service centre. Their experienced specialists and special equipment allow them to rectify faults properly and economically. The BS 320 B drill stand must be sent in at the sole risk and cost of the customer.

## Safety precautions



**Read all the safety notes and instructions!**

Failure to follow the warnings and instructions may result in serious injuries.

Keep the safety notes and instructions for future reference.

**Wear appropriate protective equipment, e.g.**



Ear protection



Goggles

Observe the accompanying safety instructions and the applicable regulations issued by your trade association or similar.

## Additional safety precautions

Read all safety instructions of your machine that is used with the drill stand.

Do not wear loose clothing during operation of the tool.

### Before starting drilling operations

- The area in which drilling is to be carried out must be devoid of any electricity cables, gas or water pipes or other leads/pipework. Any cables or pipes in the vicinity of the drilling work must be isolated.
- Ensure that the drilling process will not affect the static loads on the building.
- Take care to ensure that, if the core bit breaks through (particularly when drilling through ceilings), nobody will be injured or material damage caused. If necessary, make appropriate provision for any falling items of equipment or concrete to be caught and block off access to the front and rear of the drilling area.
- Ensure that the area in which drilling is to be carried out with a carbide tipped core cutter must be free of screws, nails.
- Always wear ear protectors.

## CE-Declaration of conformity

We declare, on our sole responsibility, that the BS 320 B drill stand complies with the following relevant regulation:

Machine Directive 2006/42/EC

FRIEDRICH DUSS

Maschinenfabrik GmbH & Co. KG

Eugen O. Duss  
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