



#### Dust Extraction with the Vacuuming Attachment(Extra)

**Mounting the Dust Extraction Attachment (see Fig. 12)**  
For vacuuming dust, a dust extraction attachment (accessory) is required. While drilling, the dust extraction attachment springs back so that the vacuuming head is always held against the drilled surface.  
Press the button 12 of the auxiliary handle and remove the depth stop 13. Press the button 12 again and insert the dust extraction attachment from the front into the auxiliary handle 14.  
Connect a vacuum hose (10 mm Ø, accessory) to the opening of the dust extraction attachment.  
The vacuum cleaner (e.g., G4S...) must be suitable for the material to be worked.  
When vacuuming dry dust that is especially detrimental to health or carcinogenic, use a special vacuum cleaner.

#### Setting the Drilling Depth on the Dust Extraction Attachment (see Fig. 13)

The desired drilling depth  $t$  can also be set with the dust extraction attachment mounted.  
Insert the SDS-plus tool to the stop into the tool holder 3. Otherwise, the freedom of motion of the SDS tool can lead to an incorrect setting of the drilling depth.  
Loosen the winged screw 25 on the dust extraction attachment.  
Place the machine (without switching on) firmly on the surface to be drilled. The SDS-plus tool must rest against the surface.  
Slide the guide tube 26 of the dust extraction attachment in its holder so that the dust extraction attachment head rests against the surface to be drilled. Do not slide the guide tube 26 any further over the telescopic tube 24 then necessary so that as large a part as possible of the scale on the telescopic tube 24 remains visible.  
Set the depth stop 22 on the telescopic tube 24 such that the distance  $t$  shown in the Figure 13 corresponds to the desired drilling depth. Release the outer end of the guide tube 26 and the inner scale of the depth stop 22.  
Retighten the clamping screw 22 in this position.

#### Putting into Operation

**Always use the correct supply voltage!**  
The voltage of the power source must agree with the value given on the nameplate of the machine. Machines designated for 230 V can also be operated with 250 V.

**Set the Operating Mode**  
With the operating mode selector switch 11, select the operating mode of the machine.  
**Change the operating mode only when the machine is switched off!** Otherwise, the machine can be damaged.  
To change the operating mode, press the locking button 10 and turn the operating mode selector switch 11 to the desired position until it can be heard to lock.

**2-26 ERE**  
For hammer drilling in concrete and stone

**2-26 DE/DRE/DFR**  
For drilling in steel or wood, for driving screws and cutting threads

For adjusting the chocking position (Vibro Lock)

For chiseling

**Setting the Direction of Rotation (2-26 DRE/DFR)**  
With the right-hand rotation switch 7, the rotational direction of the machine can be changed.  
**Change the direction of rotation only when the machine is switched off!** Otherwise, the machine can be damaged.  
Right rotation: Turn the right-hand rotation switch 7 on both sides to the stop in the position

Left rotation: Turn the right-hand rotation switch 7 on both sides to the stop in the position

Set the direction of rotation for hammer drilling and chiseling always for right rotation.

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2 FUNCTION						
Product Specifications	..E	..RE	..DE	..DRE	..DFR	
Order number 0911	25116	25117	25118	25119	25120	
Speed control	●	●	●	●	●	
Rotation stop	-	-	●	●	●	
High/Low rotation	-	-	-	-	●	
Quick change drill chuck	-	-	-	-	●	
Rated input power	[W]	800	800	800	800	800
Impact rate (nominal rotational speed)	[per min]	0.4400	0.4400	0.4400	0.4400	0.4400
Impact energy per stroke	[J]	3.0	3.0	3.0	3.0	3.0
Maximum speed	[RPM]	0.900	0.900	0.900	0.900	0.900
Right rotation	[RPM]	-	0.900	-	0.900	-
Left rotation	[RPM]	-	-	0.900	-	0.900
SDS-plus tool holder	●	●	●	●	●	
Spindle collar diameter	[mm]	50	50	50	50	50
Maximum drill diameter	[mm]	68	68	68	68	68
Masonry (core drill)	[mm]	30	30	30	30	30
Concrete	[mm]	25	25	25	25	25
Wood	[mm]	13	13	13	13	13
Steel	[mm]	13	13	13	13	13
WEIGHT (without accessories) approx.	[kg]	2.7	2.7	2.7	2.7	2.7
Protection class		II	II	II	II	II

The specifications apply for the rated voltage of 230/240 V. For lower voltages and with models for specific countries, the specifications can vary.  
Please take note of the order number of your machine since the trade name of the individual machines can vary.

Noise/Vibration Information	Intended Use
Measured values determined according to EN 50 144. The A-weighted noise levels of the tool are typically: Sound pressure level: 91 dB(A) Sound power level: 104 dB(A).	<b>2-26 ERE</b> These machines are intended for hammer drilling in concrete, brick and stone. They are likewise suitable for drilling without impact in wood, metal, ceramic and plastic. Machines with electronic control and right/left rotation are also suitable for screw driving and thread cutting.
<b>Wear ear protection!</b> The weighted acceleration is typically 12 m/s <sup>2</sup> .	<b>2-26 DE/DRE/DFR</b> These machines are intended for hammer drilling in concrete, brick and stone as well as for light chiseling work. They are also suitable for drilling without impact in wood, metal, ceramic and plastic. Machines with electronic control and right/left rotation are also suitable for screw driving and thread cutting.

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Product Elements	
Please open the fold-out page with the illustration of the unit and read it carefully while you read these operating instructions. The numbering of the machine elements refers to the illustration of the machine on the graphic page. 1 Quick change keyless chuck (2-26 DFR) 2 SDS-plus quick change drill chuck (2-26 DFR) 3 Tool holder (SDS-plus) 4 Dust protection cap 5 Locking screw 6 Quick change drill chuck locking ring (2-26 DRE/DFR) 7 Right/Left rotation switch 8 Locking button 9 On/Off switch with speed control function 10 Locking button 11 Operational mode selector switch 12 Button on the auxiliary handle	13 Depth stop 14 Auxiliary handle 15 Screw for drill chuck 16 Drill chuck 17 SDS-plus adaptor for drill chuck 18 Assembled drill chuck 19 Locking screw for drill chuck (retractor) 20 Front sleeve of the quick change keyless chuck (2-26 DFR) 21 Holding ring of the quick change keyless chuck (2-26 DFR) 22 Clamping screw of the dust extraction attachment 23 Depth stop of the dust extraction attachment 24 Telescopic tube of the dust extraction attachment 25 Winged screw of the dust extraction attachment 26 Guide tube of the dust extraction attachment 27 Chiseling holder for screwdriver bit *Not all accessories illustrated or described are included in standard delivery.

#### 3 OPERATING INSTRUCTIONS

**Auxiliary Handle (see Fig. 1)**  
Operate the machine only with the auxiliary handle 14. By rotating the auxiliary handle 14 to a comfortable position, a fatigue-free and therefore safe working position can be achieved.  
Loosen the auxiliary handle 14 in the counter-clockwise direction and adjust the handle to the desired working position. Ensure that the clamping band of the auxiliary handle is located in the groove intended for it in the housing.  
Then re-tighten the auxiliary handle 14 by turning it in the clockwise direction.

**Selecting Drill Chucks and Tools**  
For hammer drilling and chiseling, SDS-plus tools are required that are marked as SDS-plus drill chuck. For drilling in steel or wood, for screw driving and for thread cutting, tools without SDS-plus are used. Do not use tools without SDS-plus for hammer drilling. For a quick change keyless or a ring gear drill chuck in the tool holder.  
**Do not use tools without SDS-plus for hammer drilling or chiseling!** Tools without SDS-plus and their drill chucks are damaged by hammer drilling or chiseling.  
2-26 DFR: The SDS-plus quick change drill chuck can be easily replaced with the keyless drill chuck provided.

English-3

**2-26 DFR**  
**Removing the Quick Change Drill Chuck (see Fig. 2)**  
Pull the quick change drill chuck locking ring 6 to the rear (A) back in this position and remove the quick change drill chuck from the drill chuck retractor 18. Protect the quick change drill chuck from becoming damaged and bent.  
**Attaching the Quick Change Drill Chuck (see Fig. 3)**  
Clean the quick change drill chuck before inserting and lightly grease the insertion end.  
Turn the tool of the quick change drill chuck with the complete hand. Slide the quick change drill chuck in a twisting motion onto the drill chuck retractor 18 until a locking sound can be distinctly heard.  
The quick change drill chuck locks itself. Check the locking by pulling on the quick change drill chuck.  
**Inserting/Replacing the Tool**  
**Take care when changing tools that the dust protection cap is not damaged!**  
**SDS-plus Tools**  
The SDS-plus tool is designed to be freely movable. This causes constantly when the machine is not used. However, the drill automatically centers itself during operation. The user must adjust the drilling position.  
**Inserting a SDS-plus Tool (see Fig. 4)**  
To work with tools without SDS-plus (e.g., drills with cylindrical shafts), a suitable drill chuck must be used. Screw the SDS-plus adapter 17 accessories into the ring gear drill chuck 16. Secure the drill chuck with the screw 15.  
Clean the adapter drill chuck and lightly grease the insertion end before inserting.  
Insert the shaft of the assembled drill chuck 18 with a twisting motion into the tool holder 3 until it can be heard to lock.  
The adapter drill chuck lock itself. Check the locking by pulling on the drill chuck.  
**Removing the Drill Chuck**  
To remove the drill chuck 18, pull the locking screw 5 to the rear, hold it in this position and remove the drill chuck from the tool holder.  
**Tools without SDS-plus**  
The SDS-plus tool is designed to be freely movable. This causes constantly when the machine is not used. However, the drill automatically centers itself during operation. The user must adjust the drilling position.  
**Inserting a Tool**  
Place the tool in the ring gear drill chuck 16 (accessory) in inserting the drill chuck for working with tools without SDS-plus.

Turn the sleeve of the ring gear drill chuck in the counter-clockwise direction until the tool holder is open wide enough. Insert the tool in the middle of the tool holder and clamp with the drill chuck key uniformly in all three holes.  
**Tool Removal**  
Turn the sleeve of the ring gear drill chuck with the aid of the drill chuck key in the counter-clockwise direction until the tool can be removed.  
**Tools without SDS-plus (GBH 2-26 DFR)**  
**Do not use tools without SDS-plus for hammer drilling or chiseling!** Tools without SDS-plus and their drill chucks are damaged by hammer drilling or chiseling.  
Place on the quick change keyless drill chuck 1. Insert the holding ring 21 of the quick change keyless drill chuck head. Open the tool holder 3 wide enough to insert the holding ring 21 of the quick change keyless drill chuck head. Push the holding ring 21 in the direction of the arrow until a catching sound can be distinctly heard.  
Check the firm seating by pulling on the tool.  
Note: After opening the tool holder to the stop, the remaining motion can be audible. At the subsequent closing as well as at the functional design and the tool holder does not close.  
In the closed state, turn the front sleeve 20 more opposite to the direction of the arrow. The tool holder can then be closed.  
**Tool Removal (see Fig. 5)**  
Hold the holding ring 21 of the quick change keyless drill chuck head. Open the tool holder by turning the front sleeve 20 in the direction of the arrow until the tool can be removed.

**Setting the Drilling Depth (see Fig. 6)**  
With the depth stop 13, the desired drilling depth  $t$  can be set.  
Press the button 12 of the auxiliary handle and insert the depth stop into the auxiliary handle 14 so that the ground side of the depth stop points downwards.  
Insert the SDS-plus tool to the stop into the tool holder 3. Otherwise, the freedom of motion of the SDS tool can lead to an incorrect setting of the drilling depth.  
Pull out the depth stop so far that the distance between the drill bit and the tip of the depth stop corresponds to the desired drilling depth  $t$ .

English-4

## HAMMER DRILL

26mm

Handling instructions



Read through carefully and understand these instructions before use.

#### 1 SPECIFIC SAFETY RULES FOR DRILL HAMMERS

**Working safely with this machine is possible only when the operating and safety information are read completely and the instructions contained therein are strictly followed.**  
**In addition, the general safety rules in the enclosed booklet must be observed.**  
**Before using for the first time, ask for a practical demonstration.**  
To prevent damage to hearing, wear hearing protection.  
Wear safety glasses.  
For long hair, wear hair protection.  
Work only with close-fitting clothes.  
Dust produced while working can be detrimental to health, inflammable or explosive. Suitable protection measures are required.  
Examples: Some dusts are considered to be carcinogenic. Use suitable dust-slip extraction and wear a dust protection mask.  
Light metal dust can burn or explode. Always keep the work piece clean from material residues and especially dangerous.  
If the cable is damaged or cut through while working, do not touch the cable but immediately pull the power plug. Never use the machine with a damaged cable.  
Connect machines that are used in the open via a residual current device (RCD) with an actuating current of 30 mA maximum. Do not operate the machine in rain or moisture.  
**Overload Circuit**  
If the drill bit becomes jammed or caught, the drive to the drill spindle is interrupted. Because of the forces that occur as a result, always hold the machine securely with both hands and take a firm stance.

Always direct the cable to the rear away from the machine.  
**Use suitable detectors to find hidden utility lines or call the local utility company for assistance.**  
Contact with electric lines can lead to fire or electrical shock. Damaging a gas line can result in an explosion.  
Penetrating a water pipe will cause property damage or an electrical shock.  
Operate the machine only with the auxiliary handle 11.  
**Secure the work piece.** A work piece held with clamping devices or in a vise is more secure than when held by hand.  
Place the machine on the nut/screw only when switched off.  
Be careful when screwing in long screws, danger of sliding off.  
When working, always hold the machine firmly with both hands and provide for a secure stance.  
Always switch the machine off and wait until it has come to a standstill before placing it down.  
Never allow children to use the machine.

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