Operating Instructions

LIDE ON-OFF SWITCH WITH LOCK

tool is switched "ON" by the switch on located at the side of the motor ing. The switch can be locked in the " position, a convenience for long ing operations.

URN THE TOOL "ON" without locking it, the switch button forward by applying sure ONLY at the REAR portion of the n. When pressure is released the switch n will snap to "OFF" position.

OCK THE SWITCH "ON", slide the h button forward and press "IN" the NT portion.

JNLOCK THE SWITCH, simply press release the REAR portion of the button. h is spring loaded and will snap back natically.

WARNING Hold the tool with both hands while starting the tool, since e from the motor can cause the tool to

the tool before applying to work and let ol come to full speed before contacting workpiece. Lift the tool from the work e releasing the switch. DO NOT turn the h "ON" and "OFF" while the tool is r load; this will greatly decrease the h life.

RESTART PROTECTION

restart protection feature prevents ntrolled restarting of the tool after an uption in the power supply. To restart ool, turn the on/off switch to the off ion, then back to the on position.

: Check the function of the restart ction feature regularly by removing the from the electric outlet during operation hen plugging it back into the outlet.

ECTRONIC FEEDBACK CIRCUITRY

electronic feedback system helps to the no load speed virtually constant een no-load and load conditions in order elp maintain a uniform working rmance. The system also provides a start", which will reduce the stresses ccur from a high torque start.

OVERLOAD PROTECTION

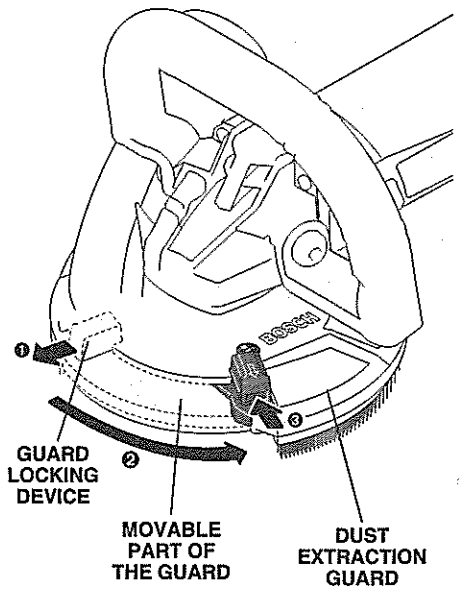
tool is equipped with overload ction to protect the motor. If the tool during operation TURN OFF SWITCH IMMEDIATELY and allow the motor to cool for about 30 seconds by running at no-load. If the overload protection stops the tool repeatedly, excessive force is causing the tool to overload. Don't press so hard and let the tool do the work.

FLUSH GRINDING

For surface grinding close to the edge / wall, slide the locking device on the dust shroud forwards and swing the movable part of the guard sideways (see figure 3). Lock the locking device. To return to surface grinding away from edges, unlock the locking device and slide the movable part of the guard back to the original position.

DUST EXTRACTION

FIG. 3



WARNING This tool must only be used with a dust extraction system. In addition, always wear approved dust mask.

Your tool is equipped with a dust port for dust. To use this feature, Insert the nozzle of a vacuum hose (accessory) into the dust port on the tool, and then connect the opposite end of the hose to a vacuum cleaner.

The Bosch vacuum hose comes with a sleeve nozzle attached to a snap-in connector (Fig. 1). The sleeve nozzle provides the quickest, easiest connection of the nozzle to the attachment. The snap-in connector provides a more secured connection. To use the snap-in connector, remove the rubber nozzle from the vacuum hose. Press the snap-in connector into the dust port until you hear the click.

Dust port adaptors are also available to connect the Bosch dust extraction attachment to any common size vacuum hose. See Boschtools.com for details.

Always make sure the vacuum cleaner that you use is designed for extraction of masonry dust. Bosch provides suitable vacuum cleaners.

AUXILIARY HANDLE

The auxiliary handle is used to guide and balance the tool. Always use the auxiliary handle for maximum control and ease of operation.

Tool Tips

This tool is intended for surface grinding, deburring and smoothing mainly mineral materials such as, for example, concrete, stone, marble and poured flooring **without** the use of water. It also can be used for removing protective coating and adhesive residue.

WARNING Do not use water or other cooling fluid with this tool for grinding.

Allow the tool to reach full speed before applying it to the workpiece surface.

Hold the tool with both hands and apply the diamond wheel flat on the work surface, advancing the tool moderately back and forth.

The dry diamond cup wheel included with the tool is intended for hard materials.

A dull dry diamond cup wheel can be sharpened with a abrasive material (e.g., chalky sand stone).

Visit boschtools.com for full line of available diamond cup wheels.

Accessories

WARNING **If an extension cord is necessary, a cord with adequate size conductors that is capable of carrying the current necessary for your tool must be used.** This will prevent excessive voltage drop, loss of power or overheating. Grounded tools must use 3-wire extension cords that have 3-prong plugs and receptacles.

NOTE: The smaller the gauge number, the heavier the cord.

RECOMMENDED SIZES OF EXTENSION CORDS 120 VOLT ALTERNATING CURRENT TOOLS

Tool's Ampere Rating	Cord Size in A.W.G.				Wire Sizes in mm²			
	Cord Length in Feet				Cord Length in Meters			
	25	50	100	150	15	30	60	120
3-6	18	16	16	14	0.75	0.75	1.5	2.5
6-8	18	16	14	12	0.75	1.0	2.5	4.0
8-10	18	16	14	12	0.75	1.0	2.5	4.0
10-12	16	16	14	12	1.0	2.5	4.0	—
12-16	14	12	—	—	—	—	—	—

* Wheel guard
* 2-piece Brush ring
* Backing flange
* Dry diamond cup wheel
* Lock nut
* Lock nut wrench*
* Auxiliary handle
* Carrying case
** Vacuum hose

(*= standard equipment)
(**= optional accessories)