



ROUTER TABLE SAFETY INSTRUCTIONS

Safety Data Sheet

LEAF/HS/RTSI

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Replaces issue 1.0 Version:2.0
dated: 19/12/2016 Issue:1.0

Scope

EN 60745-1:2009 + A11:2010 Annex M & EN 60745-2-17:2010 Annex M

- **Safety of working stands for operation with hand-held motor-operated electric tools.**

Annex M applies to working stands (router table) with or without mains supply, and intended to be used in combination with hand-held electric tools but not intended for continuous production or production line use.

GENERAL WORKING STAND (ROUTER TABLE) SAFETY RULES

WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "router" in all of the warnings listed below refers to your mains operated (corded) router power tool or battery operated (cordless) router power tool.

Observe the safety regulations in the instruction manual of the router power tool to be used.

SAVE THESE INSTRUCTIONS

1. General router table safety (Annex M)

- a) Disconnect the plug from the power source before making any adjustments or changing accessories. *Accidental starting of the router is a cause of some accidents.*
- b) Properly assemble the router table before mounting the router. *Proper assembly is important to prevent risk of collapse.*
- c) Securely fasten the router to the router table before use. *Router shifting on the router table can cause loss of control.*
- d) Place the router table on a solid, flat and level surface. *When the router table can shift or rock, the router or workpiece cannot be steadily or safely controlled.*
- e) Do not overload the router table or use as a ladder or scaffolding. *Overloading or standing on the router table causes the table to be top heavy and likely to tip over.*
- f) The router table is for use with the routers listed in the manual only. The router table must not be used with any other power tool. *Fitting of a tool not intended for a router table can cause an injury.*
- g) Insert rings. *Use the correct table rings in relation to the size of the cutter tool.*
- h) Always wear suitable personal protective equipment. *This includes hearing protection to reduce the risk of induced hearing loss; respiratory protection to reduce the risk of inhalation of harmful dust; gloves to avoid possible injuries when handling cutter block*
- i) Possible contact of the cutter block with hand and fingers of the operator. Ensure correct guard is fitted and adjusted to prevent accessibility to portions of the cutter tool not being used;
- j) Possible kickback, an unexpected rapid reaction to uncontrolled guiding of small work pieces opposite to the direction of feed cutting. *Use horizontal pressure devices when working narrow workpieces to ensure safe working;*
- k) Hazardous situation due to uncontrolled lift up of the workpiece.
- l) When performing curved work, the necessity to guide the workpiece in the correct way to prevent cutting injuries. *Use lead on pin, top pressure and guard system to ensure safe operation.*
- m) Incorrect use of cutter tools, workpiece and guiding devices may lead to dangerous situation. Ensure operator handles the workpiece correctly. *Operator must use, adjust and operate workpiece clamps and guiding devices properly. Operator must ensure correct tool selection.*
- n) Unmaintained tools can cause uncontrolled situations. *Use cutting tools which are sharpened, maintained and adjusted in accordance with the tool manufacturers instructions;*
- o) Possible contact with moving parts. *Switch off the machine and pull the plug when changing or adjusting.*
- p) Keep hands away during straight work it. *Use where possible pressure device in conjunction with the fence.*
- q) Missing stops can cause kickback. *Use back and/or front stops fixed to the fence when doing stopped work.*
- r) Router mounting. *Mount and secure the hand-held router to the router table properly.*
- s) Possible mistake of tool position: *Fit the cutter tooling to the machine correctly and feed the workpiece against the direction of spindle rotation.*
- t) Cutter speed. *Select the correct speed corresponding to the tooling and material being used.*
- u) Incorrect adjustment of fences. *Fences shall be adjusted in relation to the different work. A false fence can be made and secured to the fence cheeks, an is used to minimise the gap between cutting tool and fence plate.*
- v) Workpiece size. *See technical data section of table manual for workpiece dimensions the working stand is intended for. For longer lengths a workpiece support is required.*
- w) Maximum tool cutter diameter. *See technical data section of router table manual for the maximum cutter tool diameter the working stand is recommended for.*
- x) When machining wood. *Use the correct size dust collecting spout and hose to suit back fence dust spout aperture.*

2. Work area

- a) Keep work area clean and well lit. *Cluttered and dark areas invite accidents.*
- b) Do not operate router and router table in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. *Routers and router table switches create sparks which may ignite the dust or fumes.*
- c) Keep children and bystanders away while operating a power tool. *Distractions can cause you to loose control.*



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3. Electrical safety

- a) Router and router table switch plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed (grounded) power tools. *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) Do not expose router and router table to rain or wet conditions. *Water entering a router or router table switch will increase the risk of electric shock.*
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the router and router table switch. Keep cord away from heat, oil, sharp edges or moving parts. *Damaged or entangled cords increase the risk of electric shock.*
- e) When operating a router and router table outdoors, use an extension cord suitable for outdoor use. *Use of a cord suitable for outdoor use reduces the risk of electric shock.*

4. Personal safety

- a) Stay alert, watch what you are doing and use common sense when operating a router and router table. Do not use while you are tired or under the influence of drugs, alcohol or medication. *A moment of inattention while operating a router and router table may result in serious personal injury.*
- b) Use safety equipment. Always wear eye protection. *Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) Avoid accidental starting. Ensure the switch is in the off position before plugging in. *Carrying routers with your finger on the switch or plugging in routers that have the switch on invite accidents.*
- d) Remove any adjusting key or wrench before turning the router and router table on. *A wrench or a key left attached to a rotating part of the router may result in personal injury.*
- e) Do not overreach. Keep proper footing and balance at all times. *This enables better control of the workpiece in unexpected situations.*
- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) Connect router table to dust extraction devices. *Use of these devices can reduce dust related hazards.*

5. Router and router table use and care

- a) Do not force the router. Use the correct router cutter for your application. *The router will do the job better and safer for which it was designed.*
- b) Do not use the router or router table if the switch does not turn it on and off. *Any router that cannot be controlled with the switch is dangerous and must be repaired.*
- c) Disconnect the plug from the power source before making any adjustments, changing accessories, or sorting router and router table. *Such preventative safety measures reduce the risk if starting the power tool accidentally.*
- d) Store idle routers and router tables out of the reach of children and do not allow persons unfamiliar with the router or router table or these instructions to operate the tool. *Routers and router tables are dangerous in the hands of untrained users.*
- e) Maintain router and router table. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tools operation. If damaged, have the router or router table repaired before use. *Many accidents are caused by poorly maintained power tools.*
- f) Keep cutting tools sharp and clean. *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) Use the router, router table, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of router, taking in account the working conditions and the work to be performed. *Use of the router or router table for operations different from intended could result in a hazardous situation.*

EN 60745-1:2009+ A11:2010 Annex M & EN 60745-2-17:2010 Annex M

Trend Safety Sheet reference

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.