

DEWALT[®]
XR LI-ION

www.DEWALT.com

DCS371

Dansk (<i>oversat fra original brugsvejledning</i>)	4
Deutsch (<i>übersetzt von den Originalanweisungen</i>)	18
English (<i>original instructions</i>)	34
Español (<i>traducido de las instrucciones originales</i>)	47
Français (<i>traduction de la notice d'instructions originale</i>)	62
Italiano (<i>tradotto dalle istruzioni originali</i>)	77
Nederlands (<i>vertaald vanuit de originele instructies</i>)	92
Norsk (<i>oversatt fra de originale instruksjonene</i>)	107
Português (<i>traduzido das instruções originais</i>)	121
Suomi (<i>käännetty alkuperäisestä käyttöohjeesta</i>)	136
Svenska (<i>översatt från de ursprungliga instruktionerna</i>)	149
Türkçe (<i>orijinal talimatlardan çevrilmiştir</i>)	163
Ελληνικά (<i>μετάφραση από τις πρωτότυπες οδηγίες</i>)	178

Figure 1

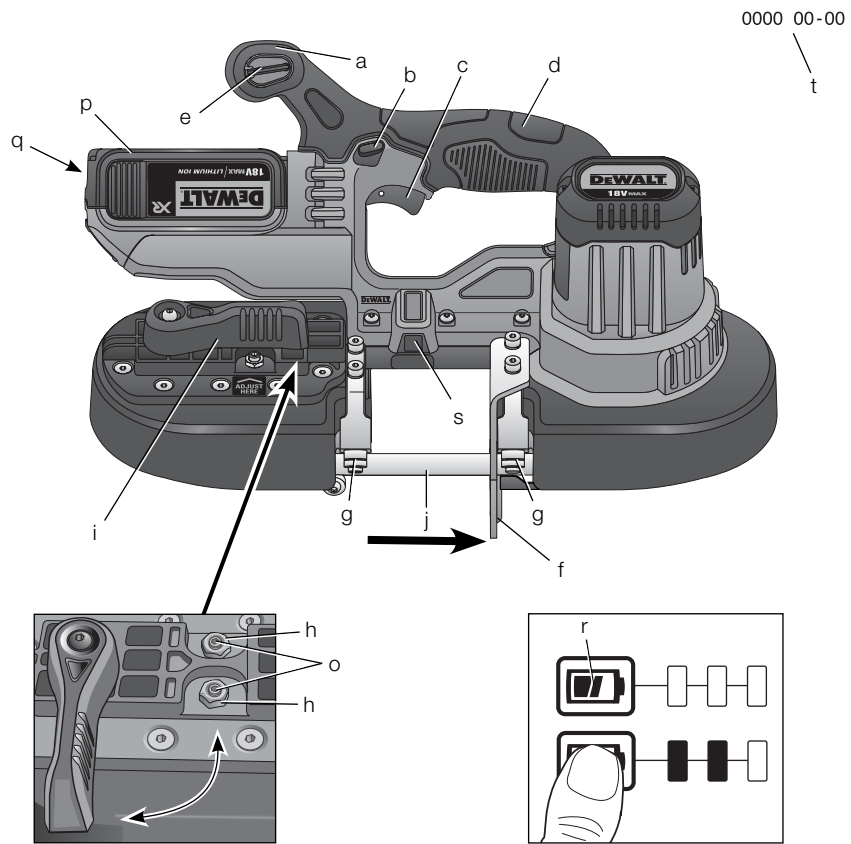


Figure 2



Figure 3

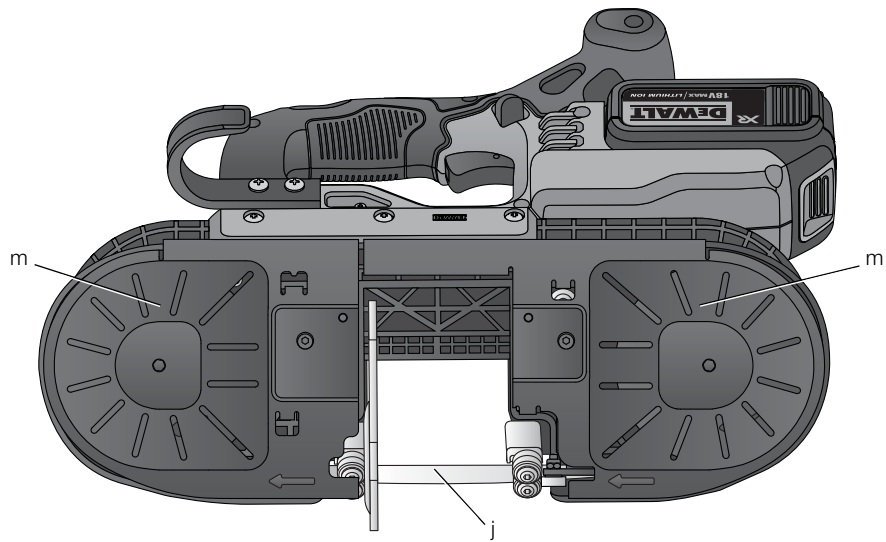
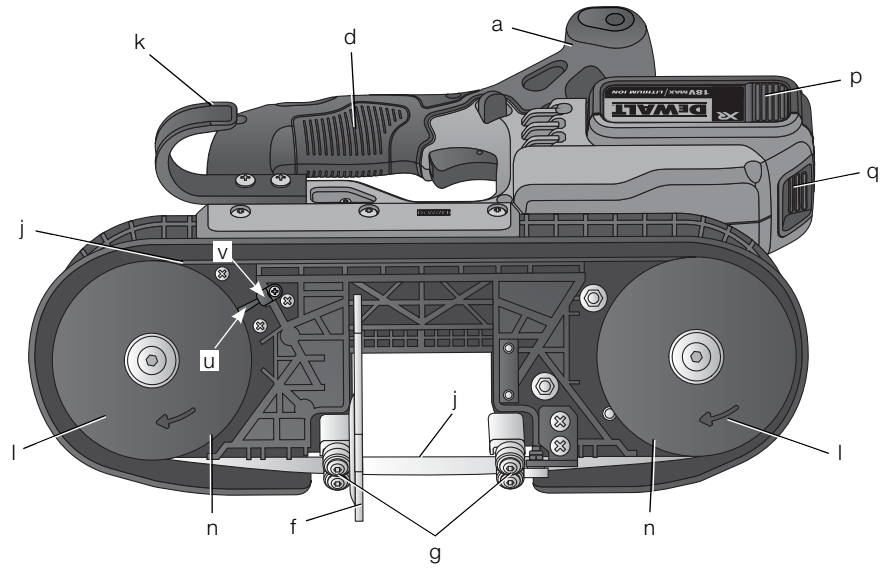


Figure 4

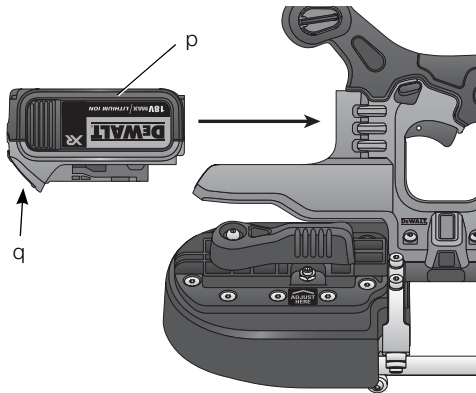


Figure 5

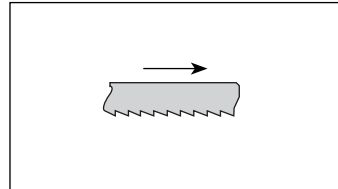


Figure 6

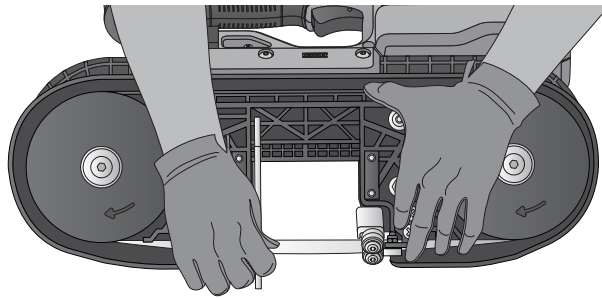


Figure 7

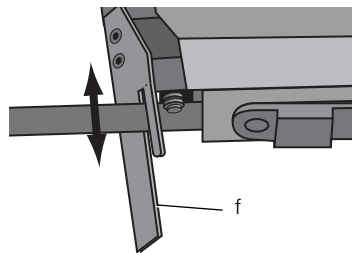
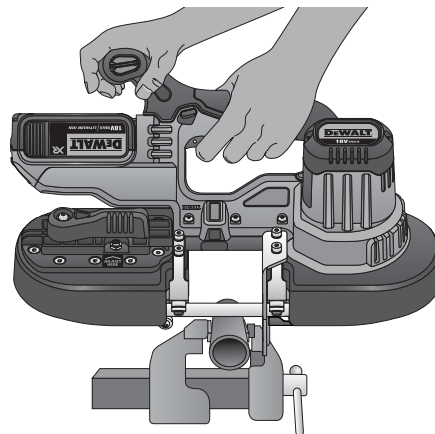


Figure 8



18V CORDLESS BAND SAW, DCS371

Congratulations!

You have chosen a DEWALT tool. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional power tool users.

Technical Data

		DCS371
Voltage	V_{DC}	18
Type		1
Max. power output	W	460
No-load speed	m/min	174
Blade dimensions	mm	835 x 12 x 0.5
Max. cutting capacity	mm	63.5
Weight (without battery pack)	kg	3.9
<hr/>		
L_{PA} (sound pressure)	dB(A)	79.6
K_{PA} (sound pressure uncertainty)	dB(A)	3
L_{WA} (sound power)	dB(A)	90.6
K_{WA} (sound power uncertainty)	dB(A)	3
<hr/>		
Vibration total values (tri-ax vector sum) determined according to EN 60745:		
Vibration emission value $a_{h,CM}$ metal cutting		
$a_{h,CM}$	m/s^2	2.5
Uncertainty K =	m/s^2	1.5

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.



WARNING: The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly

reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

Battery pack	DCB180	DCB181	DCB182
Battery type	Li-Ion	Li-Ion	Li-Ion
Voltage	V_{DC}	18	18
Capacity	A_h	3.0	1.5
Weight	kg	0.64	0.35

Battery pack	DCB183	DCB184	DCB185
Battery type	Li-Ion	Li-Ion	Li-Ion
Voltage	V_{DC}	18	18
Capacity	A_h	2.0	5.0
Weight	kg	0.40	0.62

Charger	DCB105		
Mains voltage	V_{AC}	230 V	
Battery type	Li-Ion		
Approximate charging time of battery packs	min	25 (1.3 Ah)	30 (1.5 Ah)
		55 (3.0 Ah)	40 (2.0 Ah)
		70 (4.0 Ah)	90 (5.0 Ah)
Weight	kg	0.49	

Charger	DCB107		
Mains voltage	V_{AC}	230 V	
Battery type	Li-Ion		
Approximate charging time of battery packs	min	60 (1.3 Ah)	70 (1.5 Ah)
		140 (3.0 Ah)	90 (2.0 Ah)
		185 (4.0 Ah)	240 (5.0 Ah)
Weight	kg	0.29	

Charger	DCB112		
Mains voltage	V_{AC}	230 V	
Battery type	Li-Ion		
Approximate charging time of battery packs	min	40 (1.3 Ah)	45 (1.5 Ah)
		90 (3.0 Ah)	60 (2.0 Ah)
		120 (4.0 Ah)	150 (5.0 Ah)
Weight	kg	0.36	

Fuses:		
Europe	230 V tools	10 Amperes, mains
U.K. & Ireland	230 V tools	3 Amperes, in plugs

Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.



DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in **death or serious injury**.



WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.



CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.



Denotes risk of electric shock.



Denotes risk of fire.

EC-Declaration of Conformity

MACHINERY DIRECTIVE



BAND SAW DCS371

DEWALT declares that these products described under **Technical data** are in compliance with: 2006/42/EC, EN 60745-1, EN 60745-2-20.

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact DEWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DEWALT.

H. Grossmann

Horst Grossmann
Vice President Engineering
DEWALT, Richard-Klinger-Straße 11,
D-65510, Idstein, Germany
01.07.2014



WARNING: To reduce the risk of injury, read the instruction manual.

General Power Tool Safety Warnings



WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

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

2) ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor**

ENGLISH

use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) PERSONAL SAFETY

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool 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) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

4) POWER TOOL USE AND CARE

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*

- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool 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 power tool, accessories and tool bits etc., in accordance with these instructions taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

5) BATTERY TOOL USE AND CARE

- a) **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- b) **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c) **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- d) **Under abusive conditions, liquid may be ejected from the battery, avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

6) SERVICE

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Additional Safety Rules – Portable Band Saws

- **Hold power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessories contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Keep hands away from cutting area and blade.**
- **Always make sure the portable band saw is clean before using.**
- **Always cease operation at once if you notice any abnormality whatsoever.**
- **Always be sure all components are mounted properly and securely before using tool.**
- **Always handle the band saw blade with care when mounting or removing it.**
- **Always keep your hands out of the line of the band saw blade.**
- **Always wait until the motor has reached full speed before starting a cut.**
- **Always keep handles dry, clean, and free of oil and grease.** Hold the tool firmly when in use.
- **Always be alert at all times, especially during repetitive, monotonous operations.** Always be sure of position of your hands relative to the blade.
- **Never remove work stop.**
- **Stay clear of end pieces that may fall after cutting off.** They may be hot, sharp and/or heavy. Serious personal injury may result.
- **Air vents often cover moving parts and should be avoided.** Loose clothes, jewelry or long hair can be caught in moving parts.

Residual Risks

The following risks are inherent to the use of band saws.

- Injuries caused by touching the rotating parts or hot part of the tool.

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:

- Impairment of hearing.
- Risk of squeezing fingers when changing the accessory.
- Health hazards caused by breathing dust developed when working in wood.
- Risk of personal injury due to flying particles.

Markings on Tool

The following pictograms are shown on the tool:



Read instruction manual before use.



Wear ear protection.



Wear eye protection.

DATE CODE POSITION (FIG. 1)

The date code (t), which also includes the year of manufacture, is printed into the housing surface that forms the mounting joint between tool and battery.

Example:

2014 XX XX

Year of Manufacture

Important Safety Instructions for All Battery Chargers

SAVE THESE INSTRUCTIONS: This manual contains important safety and operating instructions for the DCB105, DCB107 and DCB112 battery chargers.

- Before using the charger, read all instructions and cautionary markings on charger, battery pack and product using the battery pack.



WARNING: Shock hazard. Do not allow any liquid to get inside charger. Electric shock may result.



CAUTION: Burn hazard. To reduce the risk of injury, charge only DEWALT rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.



CAUTION: Children should be supervised to ensure that they do not play with the appliance.

NOTICE: Under certain conditions, with the charger plugged in to the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.

- **DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- **These chargers are not intended for any uses other than charging DEWALT rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.
- **Do not expose charger to rain or snow.**
- **Pull by plug rather than cord when disconnecting charger.** This will reduce risk of damage to electric plug and cord.
- **Make sure that cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.**
- **Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock or electrocution.
- **When operating a charger outdoors, always provide a dry location and use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **Do not block the ventilation slots on the charger. The ventilation slots are located on the top and sides of the charger.** Place the charger in a position away from any heat source.
- **Do not operate charger with damaged cord or plug.** In case of damaged power supply cord the supply cord must be replaced immediately by the manufacturer, its service agent or similar qualified person to prevent any hazard.
- **Do not operate charger if it has received a sharp blow, been dropped or otherwise damaged in any way.** Take it to an authorised service centre.

- **Do not disassemble the charger; take it to an authorised service centre when service or repair is required.** Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- **Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock.** Removing the battery pack will not reduce this risk.
- **NEVER attempt to connect 2 chargers together.**
- **The charger is designed to operate on standard 230 V household electrical power. Do not attempt to use it on any other voltage.** This does not apply to the vehicular charger.

SAVE THESE INSTRUCTIONS

Chargers

The DCB105, DCB107 and DCB112 chargers accept 10.8 V, 14.4 V and 18 V Li-Ion (DCB121, DCB123, DCB127, DCB140, DCB141, DCB142, DCB143, DCB144, DCB180, DCB181, DCB182, DCB183, DCB184 and DCB185) battery packs.

This charger requires no adjustment and is designed to be as easy as possible to operate.

Charging Procedure (fig. 2)

1. Plug the charger into an appropriate 230 V outlet before inserting the battery pack.
2. Insert the battery pack (p) into the charger, making sure the pack is fully seated in the charger. The red (charging) light will blink continuously indicating that the charging process has started.
3. The completion of charge will be indicated by the red light remaining ON continuously. The pack is fully charged and may be used at this time or left in the charger.

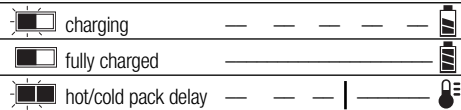
NOTE: To ensure maximum performance and life of Li-Ion batteries, fully charge the pack before first use.

Charging Process

Refer to the tables below for the state of charge of the battery pack.

State of charge—DCB105	
charging	— — — — —
fully charged	—————
hot/cold pack delay	— — — — —
replace battery pack	●●●●●●●●

State of charge—DCB107, DCB112



This charger will not charge a faulty battery pack. The charger will indicate faulty battery by refusing to light or by displaying problem pack or charger blink pattern.

NOTE: This could also mean a problem with a charger.

If the charger indicates a problem, take the charger and battery pack to be tested at an authorised service centre.

HOT/COLD PACK DELAY**DCB105, DCB107, DCB112**

When the charger detects a battery that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery life.

A cold battery pack will charge at about half the rate of a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery warms.

DCB107, DCB112

The red light will continue to blink, but a yellow indicator light will be illuminated during this operation. Once the battery has cooled, the yellow light will turn off and the charger will resume the charging procedure.

LI-ION BATTERY PACKS ONLY

XR Li-Ion tools are designed with an Electronic Protection System that will protect the battery against overloading, overheating or deep discharge.

The tool will automatically turn off if the Electronic Protection System engages. If this occurs, place the Li-Ion battery on the charger until it is fully charged.

Important Safety Instructions for All Battery Packs

When ordering replacement battery packs, be sure to include the catalog number and voltage.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below and then follow the charging procedures outlined.

READ ALL INSTRUCTIONS

- **Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Inserting or removing the battery pack from the charger may ignite the dust or fumes.
- **Never force the battery pack into charger. Do not modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.**
- Charge the battery packs only in designated DEWALT chargers.
- **DO NOT splash or immerse in water or other liquids.**
- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 40 °C (105 °F) (such as outside sheds or metal buildings in summer).**
- For best results, make sure the battery pack is fully charged before use.



WARNING: Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert it into the charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on). Electric shock or electrocution may result. Damaged battery packs should be returned to the service centre for recycling.



CAUTION: When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard. Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM ION (Li-Ion)

- **Do not incinerate the battery pack even if it is severely damaged or is completely worn out.** The battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.
- **If battery contents come into contact with the skin, immediately wash the area with mild soap and water.** If the battery liquid gets into the eye, rinse water over the open eye for

ENGLISH

15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.

- **Contents of opened battery cells may cause respiratory irritation.** Provide fresh air. If symptoms persists, seek medical attention.



WARNING: Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

Battery Pack

BATTERY TYPE

The DCS371 operates on an 18 volt battery pack.

The DCB180, DCB181, DCB182, DCB183, DCB184 and DCB185 battery packs may be used. Refer to **Technical Data** for more information.

Storage Recommendations

1. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold. For optimum battery performance and life, store battery packs at room temperature when not in use.
2. For long storage, it is recommended to store a fully charged battery pack in a cool, dry place out of the charger for optimal results.

NOTE: Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

Labels on Charger and Battery Pack

In addition to the pictographs used in this manual, the labels on the charger and the battery pack show the following pictographs:



Read instruction manual before use.



See **Technical Data** for charging time.



Battery charging.



Battery charged.



Battery defective.



Hot/cold pack delay.



Do not probe with conductive objects.



Do not charge damaged battery packs.



Do not expose to water.



Have defective cords replaced immediately.



Charge only between 4 °C and 40 °C.



Only for indoor use.



Discard the battery pack with due care for the environment.



Charge DEWALT battery packs only with designated DEWALT chargers. Charging battery packs other than the designated DEWALT batteries with a DEWALT charger may make them burst or lead to other dangerous situations.



Do not incinerate the battery pack.

Package Contents

The package contains:

- 1 Cordless band saw
- 1 14/18 TPI variable pitch bi-metal blade
- 1 Li-Ion battery pack
- 1 Kitbox
- 1 Charger
- 1 Instruction manual
- 1 Exploded drawing

NOTE: Battery packs, chargers and kitboxes are not included with N-models.

- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.

Description (fig. 1, 3)



WARNING: Never modify the power tool or any part of it. Damage or personal injury could result.

- a. Auxiliary handle
- b. Lock-off button
- c. Trigger switch

- d. Main handle
- e. Hex wrench
- f. Work stop
- g. Guide rollers
- h. Adjusting lock nut
- i. Blade tension lever
- j. Blade
- k. Hang hook
- l. Pulley
- m. Blade guards
- n. Rubber tyres
- o. Tracking screws
- p. Battery pack
- q. Battery release button
- r. Fuel gauge
- s. LED worklight

INTENDED USE

This heavy-duty band saw is intended for use by professionals for cutting metal.

DO NOT use under wet conditions or in presence of flammable liquids or gases.

This heavy-duty band saw is a professional power tool. **DO NOT** let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

- This product is not intended for use by persons (including children) suffering from diminished physical, sensory or mental abilities; lack of experience, knowledge or skills unless they are supervised by a person responsible for their safety. Children should never be left alone with this product.

Electrical Safety

The electric motor has been designed for one voltage only. Always check that the battery pack voltage corresponds to the voltage on the rating plate. Also make sure that the voltage of your charger corresponds to that of your mains.



Your DEWALT charger is double insulated in accordance with EN 60335; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by a specially prepared cord available through the DEWALT service organization.

Mains Plug Replacement (U.K. & Ireland Only)

If a new mains plug needs to be fitted:

- Safely dispose of the old plug.
- Connect the brown lead to the live terminal in the plug.
- Connect the blue lead to the neutral terminal.



WARNING: No connection is to be made to the earth terminal.

Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 3 A.

Using an Extension Cable

An extension cord should not be used unless absolutely necessary. Use an approved extension cable suitable for the power input of your charger (see **Technical Data**). The minimum conductor size is 1 mm²; the maximum length is 30 m.

When using a cable reel, always unwind the cable completely

ASSEMBLY AND ADJUSTMENTS



WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.



WARNING: Use only DEWALT battery packs and chargers.

Inserting and Removing the Battery Pack from the Tool (fig. 1, 4)

NOTE: For best results, make sure your battery pack is fully charged. The light will shut off without warning when the battery is fully discharged.

TO INSTALL THE BATTERY PACK INTO THE TOOL HANDLE

1. Align the battery pack (p) with the rails inside the tool's handle (fig. 3).
2. Slide it into the handle until the battery pack is firmly seated in the tool and ensure that it does not disengage.

TO REMOVE THE BATTERY PACK FROM THE TOOL

1. Press the battery release button (q) and firmly pull the battery pack out of the tool handle.
2. Insert battery pack into the charger as described in the charger section of this manual.

ENGLISH

FUEL GAUGE BATTERY PACKS (FIG. 1)

Some DEWALT battery packs include a fuel gauge which consists of three green LED lights that indicate the level of charge remaining in the battery pack.

To actuate the fuel gauge, press and hold the fuel gauge button (r). A combination of the three green LED lights will illuminate designating the level of charge left. When the level of charge in the battery is below the usable limit, the fuel gauge will not illuminate and the battery will need to be recharged.

NOTE: The fuel gauge is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

Trigger Switch (fig. 1)

Release switch lock-off button (b) by pressing button. Pull the trigger switch (c) to turn the motor ON. Releasing the trigger switch turns the motor OFF. **Releasing the trigger switch also automatically actuates lock-off button.**



WARNING: This tool has no provision to lock the switch in the ON position, and should never be locked ON by any other means.

LED Worklight (fig. 1)

There is a worklight (s) located above the blade. The worklight is activated when the trigger switch is depressed, and will automatically turn off 20 seconds after the trigger switch is released. If the trigger switch remains depressed, the worklight will remain on.

NOTE: The worklight is for lighting the immediate work surface and is not intended to be used as a flashlight.

Blades

This portable band saw is setup for use with 0.5 mm (1/64") thick, 12 mm (1/2") wide and 835 mm (32") long blades. **DO NOT** use 0.64 mm (.025") thick blades.



WARNING: The use of any other blade or accessory might be hazardous. **DO NOT** use any other type of accessory with your band saw. Blades used on stationary band saws are of different thickness. Do not attempt to use them on your portable unit.

Blade Selection

In general, first consider the size and shape of the work, and the type of material to be cut. Remember, for the most efficient cutting, the coarsest tooth blade possible should be used in a given application, because the coarser the tooth, the faster the cut. In selecting the appropriate number of teeth per inch of the band saw blade, at least two teeth should contact the work surface when the blade is rested against the workpiece. As a rule of thumb, soft materials usually require coarse tooth blades, while hard materials require fine tooth blades. Where a smoother finish is important, select one of the finer tooth blades.

Select the appropriate band saw blade according to the material type, dimensions, and number of teeth. See **Blade Description** chart.

The following table is intended as a general guide only. Determine the type of material and dimension of the workpiece and select the most appropriate band saw blade.

NOTICE: Never use the band saw to cut resin materials that are subject to melting. Melting of resin material caused by high heat generated during cutting may cause the band saw blade to become bound to the material, possibly resulting in overload and burn-out of the motor.

BLADE DESCRIPTION				
Type of band saw blade	Bi-Metal			
Number of teeth (TPI)	24	18	14	14/18
Workpiece thickness				
3.2 mm (1/8") and under	•	•		
3.2 mm–6.4 mm (1/8"–1/4")			•	•

Blade Tracking (fig. 1)



WARNING: To reduce the risk of serious personal injury, turn tool off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

NOTICE: Excessive tightening of the adjustment screws could result in damage to the saw.

Your band saw is equipped with an adjustable blade tracking mechanism that assures proper blade tracking at all times. The blade is properly

adjusted when it is centered on the guide rollers (g) and the teeth of the blade (j) are 0.38 mm (3/16") from the edge of the guide roller.

TO ADJUST THE BLADE TRACKING

1. Remove both parts of the blade guard using a 3 mm hex wrench (e).
2. Turn and open the blade tension lever (i) to allow access to the tracking screws (o).
3. Use a 10 mm wrench to loosen the adjustment locking nuts (h).
4. Use a 3 mm hex wrench (e) to turn one of the tracking screws (o) 1/4 turn clockwise. Turn the other tracking screw 1/4 turn clockwise.

NOTE: Turning the tracking screw clockwise moves the blade toward the guide roller, turning the tracking screw anti-clockwise moves the blade away from the guide roller.
5. Tighten both the adjusting locking nuts and close the quick release lever. (It will be necessary to run the saw to observe the tracking.)
6. Observe blade tracking between runs and repeat Steps 1–4 as necessary to achieve proper blade tracking.
7. Mount both parts of the blade guard using a 3 mm hex wrench. Blade guard must be securely mounted before use.

Removing and Installing Blades



WARNING: To reduce the risk of serious personal injury, turn tool off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.



CAUTION: Cut Hazard. Blade tension lever is under spring pressure. Maintain control of lever when releasing blade tension.



CAUTION: Burn Hazard. Do not touch the blade, workpiece or metal chips with your bare hand immediately after cutting—they are extremely hot and may burn your skin.

TO REMOVE BLADE (FIG. 1, 3, 6)

1. Rotate the blade tension lever (i) clockwise until it stops to release tension in blade (refer to Figure 1).

2. Turn the saw over and place it on a workbench or table with the battery terminal to the right (refer to Figure 3).
3. Remove both parts of the blade guard using a 3 mm hex wrench.
4. Begin removing the blade at the upper portion of the blade guard (m) and continue around the pulleys (l). When removing the blade, tension may be released and the blade may spring free. **SAW BLADES ARE SHARP. USE GLOVES WHEN HANDLING THEM** (refer to Figure 6).
5. Inspect the guide rollers (g) and remove any large chips that may be lodged in them. Lodged chips can prevent rotation of the guide rollers and cause flat spots on the guide rollers.
6. Rubber tyres (n) are mounted on the pulleys (l). The rubber tyres should be inspected for looseness or damage when changing the blade. Wipe any chips from the rubber tyres on the pulleys. This will extend tyre life and keep the blade from slipping. If any looseness or damage occurs, the tool should be brought to an authorized DEWALT service centre for repair or replacement as soon as possible. Continued use of the tool with loose or damaged rubber tyres will cause unstable travel of the band saw blade.

TO INSTALL BLADE (FIG. 1, 3, 5–7)

1. Position the blade so that the teeth are on the bottom and angled toward the work stop, as shown in Figures 1 and 5.
2. Slip the blade into the guide rollers, as shown in Figure 6.
3. Holding the blade in the guide rollers, place it around both pulleys (l) and through the work stop (f), as shown in Figure 7.
4. Make sure that the blade is fully inserted into the guide rollers and positioned squarely against the rubber tyres.
5. Rotate the blade tension lever (i) anti-clockwise until it stops and then gently turn the saw over so that the pulleys rest on your work bench or table. Make sure the teeth face away from the bandsaw (Fig. 1, 5).
6. Mount both parts of the blade guard using a 3 mm hex wrench.
7. Turn the saw on and off a few times to ensure that the blade is seated properly.

OPERATION



WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.



WARNING: Always wear proper personal hearing protection. Under some conditions and duration of use, noise from this product may contribute to hearing loss.



WARNING: Never operate the tool if the blade guard (m) is not installed properly.

Instructions for Use



WARNING:

- Always observe the safety instructions and applicable regulations.
- Ensure the material to be sawn is secured in place.
- Apply only a gentle pressure to the tool and do not exert side pressure on the saw blade. If possible, work with the saw shoe pressed against the workpiece. This prevents damage to the blade and stops the tool from jerking and vibrating.
- Avoid overloading.
- Let the blade run freely for a few seconds before starting the cut.

Proper Hand Position (fig. 1, 8)



WARNING: To reduce the risk of serious personal injury, **ALWAYS** use proper hand position as shown.



WARNING: To reduce the risk of serious personal injury, **ALWAYS** hold securely in anticipation of a sudden reaction.

Proper hand position requires one hand on the main handle (d), with the other hand on the auxiliary handle (a), as shown in Figure 8, to guide the saw properly.

Cutting (fig. 3, 8)

Refer to the **Recommended Cutting Positions** chart.

NOTE: Select and use a band saw blade that is most appropriate for the material being cut. See **Blade Description**.

This portable band saw may be hung using the hang hook (k, fig. 3). Hang tool on a pipe vice or other suitable, stable structure.



WARNING: To reduce the risk of injury, only use hang hook to support the weight of the tool. Never rely on the hang hook for your own support or to help you maintain your balance.



WARNING: Never attempt to use this tool by resting it upside down on a work surface and bringing the material to the tool. Always securely clamp the workpiece and bring the tool to the workpiece, securely holding the tool with two hands whenever possible as shown in Figure 8.

1. Mount the material to be cut solidly in a vice or other clamping device.
2. Bring the work stop (f) into contact with the workpiece while keeping the blade off of the workpiece. Turn the saw on.
3. When saw reaches desired rotation speed, slowly and gently tilt the main body of the tool to bring the band saw blade into contact with the workpiece. Do not apply additional pressure in excess of the weight of the main body of the tool. Carefully avoid bringing the band saw blade suddenly and heavily into contact with the upper surface of the workpiece. This will cause serious damage to the band saw blade. To obtain maximum service life of the band saw blade, ensure there is no sudden impact at the beginning of the cutting operation.
4. As shown in Figure 8, straight cutting can be accomplished by keeping the band saw blade aligned with the side surface of the motor housing. Any twisting or cocking of the blade will cause the cut to go offline and decrease the life of the blade.

NOTICE: During cutting, if the band saw becomes locked or jammed in the workpiece material, release the switch immediately to avoid damage to the band saw blade and motor.

5. The tool's own weight provides the most efficient downward cutting pressure. Added operator pressure slows the blade and reduces blade life.
6. End pieces, that would be heavy enough to cause injury when they drop, after cut-off, should be supported. Safety shoes are strongly

recommended. End pieces may be hot and sharp.


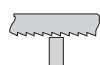

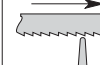

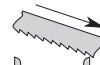

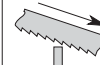




- Whenever possible, hold the saw firmly in both hands. If an application requires only one hand to be placed on the saw, be sure to keep the second hand clear of the blade area and do not allow the saw to fall against the clamped or supported material when the cut is complete.

Tips for Better Cutting

The following recommendations should be used as a guide (refer to the **Recommended Cutting Positions** chart). Results may vary with the operator and the particular material being cut.

- Never twist the band saw blade during cutting operation.
- Never use liquid coolants with portable band saws. Use of liquid coolants will cause build-up on tyres and reduce performance.
- If excessive vibration occurs during the cut, ensure that the material being cut is securely clamped down. If vibration continues, change the band saw blade.

RECOMMENDED CUTTING POSITIONS

yes 	no 	yes 	no 
yes 	no 	yes 	no 
yes 	no 	yes 	no 

MAINTENANCE

Your DEWALT power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.



WARNING: To reduce the risk of serious personal injury, turn tool off and disconnect battery pack

before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

The charger and battery pack are not serviceable.



Lubrication

Your power tool requires no additional lubrication.



Cleaning



WARNING: Blow dirt and dust out of the main housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and approved dust mask when performing this procedure.



WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

CHARGER CLEANING INSTRUCTIONS



WARNING: Shock hazard. Disconnect the charger from the AC outlet before cleaning. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

Optional Accessories



WARNING: Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only DEWALT recommended accessories should be used with this product.

Consult your dealer for further information on the appropriate accessories.

Protecting the Environment



Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your DEWALT product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

DEWALT provides a facility for the collection and recycling of DEWALT products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local DEWALT office at the address indicated in this manual. Alternatively, a list of authorised DEWALT repair agents and full details of our after-sales service and contacts are available on the Internet at: www.2helpU.com.



Rechargeable Battery Pack

This long life battery pack must be recharged when it fails to produce sufficient power on jobs which were easily done before. At the end of its technical life, discard it with due care for our environment:

- Run the battery pack down completely, then remove it from the tool.
- Li-Ion cells are recyclable. Take them to your dealer or a local recycling station. The collected battery packs will be recycled or disposed of properly.

GUARANTEE

DEWALT is confident of the quality of its products and offers an outstanding guarantee for professional users of the product. This guarantee statement is in addition to and in no way prejudices your contractual rights as a professional user or your statutory rights as a private non-professional user. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

• 30 DAY NO RISK SATISFACTION GUARANTEE •

If you are not completely satisfied with the performance of your DEWALT tool, simply return it within 30 days, complete with all original components, as purchased, to the point of purchase, for a full refund or exchange. The product must have been subject to fair wear and tear and proof of purchase must be produced.

• ONE YEAR FREE SERVICE CONTRACT •

If you need maintenance or service for your DEWALT tool, in the 12 months following purchase, you are entitled to one service free of charge. It will be undertaken free of charge at an authorised DEWALT repair agent. Proof of purchase must be produced. Includes labour. Excludes accessories and spare parts unless failed under warranty.

• ONE YEAR FULL WARRANTY •

If your DEWALT product becomes defective due to faulty materials or workmanship within 12 months from the date of purchase, DEWALT guarantees to replace all defective parts free of charge or – at our discretion – replace the unit free of charge provided that:

- The product has not been misused;
- The product has been subject to fair wear and tear;
- Repairs have not been attempted by unauthorised persons;
- Proof of purchase is produced;
- The product is returned complete with all original components.

If you wish to make a claim, contact your seller or check the location of your nearest authorised DEWALT repair agent in the DEWALT catalogue or contact your DEWALT office at the address indicated in this manual. A list of authorised DEWALT repair agents and full details of our after-sales service is available on the Internet at: www.2helpU.com.