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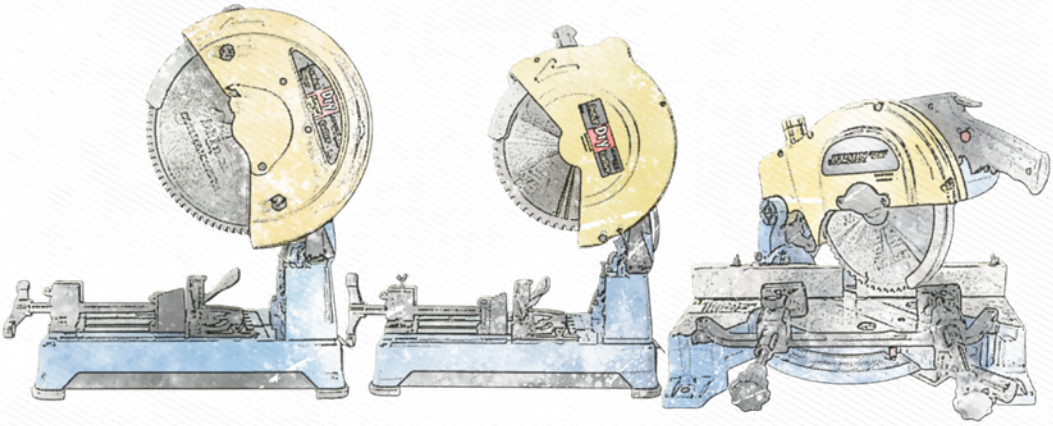
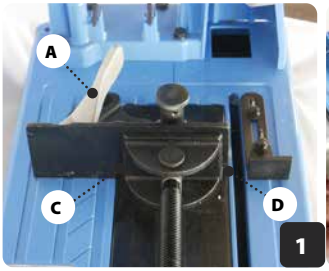
METAL CUTTING CIRCULAR SAW

PSDC 9435T3 | PDC 9430T3 | DMC 9410ND

EN	METAL CUTTING CIRCULAR SAW
DE	METALLKREISSÄGE
FR	SCIE CIRCULAIRE A COUPE DE MÉTAL
NL	METAAL CIRKELZAAG
ES	SIERRA CIRCULAR PARA CORTE DE METALES
PT	SERRA CIRCULAR DE CORTE DE METAL
IT	SEGA CIRCOLARE PER IL TAGLIO DEI METALLI
PL	PIŁA TARCZOWA DO METALU

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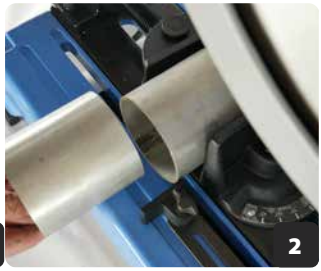
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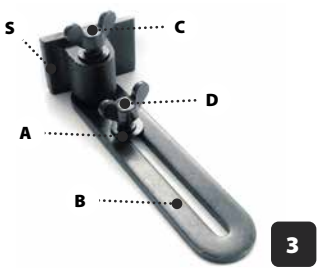
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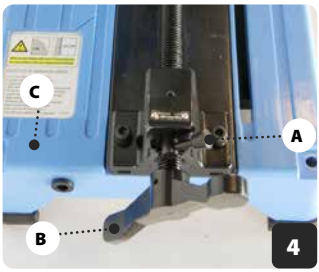
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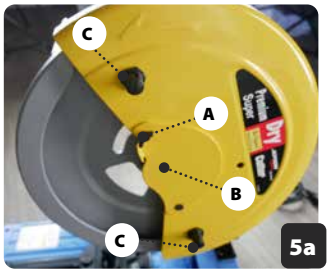
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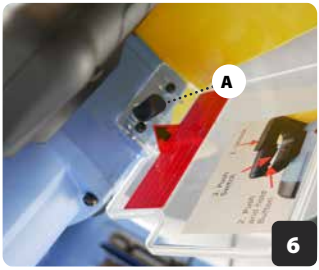
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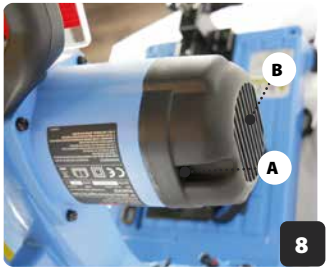
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1.Unlock
2.Push and hold Button
3.Push Switch
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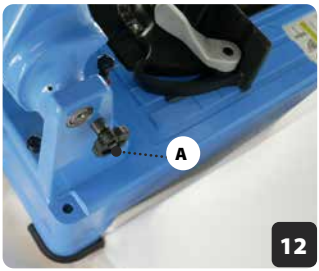
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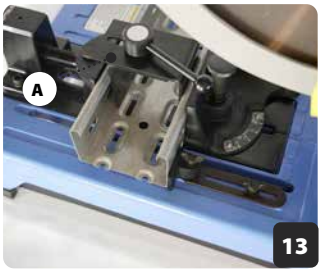
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GENERAL

1. EC- DECLARATION OF CONFORMITY - PSDC 9435T3 | PDC 9430 T3

(according to Appendix IIA of the machine Directive)

We, **Jepson Power GmbH, Ernst – Abbe – Straße 5, 52249 Eschweiler, Germany**, as the manufacturer declare herewith under our responsibility that the product:

Machine name:	Metal cutting saw
Type:	Premium Super Dry Cutter 9435T3 | Premium Dry Cutter 9430T3
Manufacturing date:	See machine label
Serial number:	See machine label

complies with the following standards, directives and referenced standard documents:

2006/42/EG	Machinery Directive
2014/30/EU	Electromagnetic Compatibility
2014/35/EU	Low Voltage
2011/65/EU	RoHs

EN 614-1 :2006+A 1:2009
EN ISO 12100 :2010
EN ISO 14120 :2015
EN ISO 55014-1 :2006+A 1:2009+A2:2011
EN 55014-2 :2015
EN 61000-3-2 :2014
EN 61000-3-3 :2013
EN 61029-1 :2010

Pierre Michiels, Managing Director
Name, Position

Eschweiler, 01.08.2021

2. EC- DECLARATION OF CONFORMITY - DMC 9410ND

(according to Appendix IIA of the machine Directive)

We, **Jepson Power GmbH, Ernst – Abbe – Straße 5, 52249 Eschweiler, Germany**, as the manufacturer declare herewith under our responsibility that the product:

Machine name:	Metal cutting saw
Type:	Dry Miter Cutter 9410ND
Manufacturing date:	See machine label
Serial number:	See machine label

complies with the following standards, directives and referenced standard documents:

2006/42/EG	Machinery Directive
2014/30/EU	Electromagnetic Compatibility
2014/35/EU	Low Voltage

EN 55014
EN 61000
EN 61029-2-4: 2011

Pierre Michiels, Managing Director
Name, Position

Eschweiler, 01.08.2021

3. SHORT DESCRIPTION

The construction saws PREMIUM SUPER DRY CUTTER, PREMIUM DRY CUTTER and DRY MITER CUTTER are designed and built according to current international standards of the machine tool industry.
The machines comply with the current regulations for emissions and safety at work, in particular the rules for the prevention of accidents.

IMPORTANT
If changes to a machine are made without our authorisation, the certificate is null and void and the EC conformity mark ceases to be valid. The machine may no longer be operated. Likewise, the guarantee and the liability of the manufacturer are cancelled.

The construction saws PSDC 9435T3 | PDC 9430T3 | DMC 9410ND stand out for:
- easy transport
- simple operation
- many possible applications
- large work space
- suitable for sawing metals and for mitre cuts

4. TECHNICAL SPECIFICATIONS

	PSDC 9435T3	PDC 9430T3	DMC 9410ND
Voltage	230 V / 50 Hz 110 V / 60 Hz	230 V / 50 Hz	230 V / 50 Hz 110 V / 60 Hz
Power input	2.400 W / 21 A (110V)	2.200 W	1.500 W / 14 A (110V)
Saw blade [mm]	Ø 355 x 2,2/1,8 x 25,4	Ø 305 x 2,2/1,8 x 25,4	Ø 255 x 2,0/1,6 x 25,4
Number of teeth	90	60	60
Speed (idling)	1.400 rpm	1.400 rpm	1.600 rpm
Mitre cutting	75° - 60° - 45°	75° - 60° - 45°	-45° - 0° - +45°
Surface area	480 x 290 mm	480 x 290 mm	500 x 320 mm
Weight (without saw blade)	25 kg / 56 lbs	23 kg / 51 lbs	19 kg / 42 lbs
Sound pressure level	100 db(A)	100 db(A)	100 db(A)
Sound power level	113 dB(A)	113 dB(A)	113 dB(A)
Hand and arm vibration	1,19 m/s^2	0,53 m/s^2	0,52 m/s^2

Information referred to 2.2 of Annex 1 of the E. G. Directive on vibrations)

5. PERFORMANCE DATA

	PSDC 9435T3		PDC 9430T3		DMC 9410ND	
max. Ø [mm] max a x b [mm]	90°	45°	90°	45°	90°	45°
	140 125 (inox)	102	115	85	70x4	60x4
	125x125	80x80	100x100	85x85	70x70x4	60x60x4
	105x155	75x100	85x160	85x85	100x70x4	60x60x4

6. USER INSTRUCTIONS

Notes for the customer
The instruction manual includes important instructions as to how to operate the machine safely, correctly and economically. Observing these instructions helps to avoid risks, repair costs and downtimes and to increase the reliability and lifetime of the machine.
The instruction manual must be read and used by each person who works with the electrical equipment. This applies in particular to the "Safety Instructions" chapter. It is too late to read the manual and safety instructions when work is actually being carried out at the machine.
Always keep one copy of this manual next to the machine so that it is at hand ready to be consulted!
In case of any doubt or questions, always contact the machine manufacturer.
In addition to the instruction manual, the accident prevention regulations which apply in the country of use and the user location must be adhered to. In addition, the recognised technical rules regarding accident prevention must be observed.

Liability and warranty
All the information contained in this instruction manual has been drawn up to the best of our knowledge and belief, taking our experience to date into consideration.
The original version of this instruction manual was drawn up in the German language and was checked by us for accuracy of content. The translation into the respective national/contractual language was carried out by a recognised translation agency.
This instruction manual has been put together with the greatest of care. However, if you should discover any incomplete items or mistakes, please inform us in writing. Your suggestions for improvement will help us to create a user-friendly manual.

Subsequent Orders and Copyright
Further copies of this instruction manual can be ordered from the address below. We ask for your understanding that further copies are subject to charge.

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Abbreviations

V	Volt
A	Ampere
Hz	Hertz
W	Watt
~	AC
/min	Revolutions per minute rpm
N	Newton

7. SAFETY INSTRUCTIONS

The basic prerequisite for safe handling and disturbance-free operation of this electric tool is knowledge of the basic safety instructions. In addition, the accident prevention rules and regulations which apply in the user location must be adhered to, as well as the recognized rules of the trade with regard to safety and correct working methods.
It is not permitted to use the electric tool for other purposes than those intended by the manufacturer. Such use could give rise to unforeseeable risks.
Local working and safety rules and laws must always be followed. The same applies to regulations which apply to the environment.
Safety equipment must never by removed or bridged over.
When using oils, greases and other chemical substances, the safety regulations which apply to the particular product must always be observed! Contact with chemicals should be avoided as far as possible. Before it is permissible to work with these substances the instructions for use on the packaging must be read and followed. This applies for all chemicals, therefore also for cleaning media.
All notes and signs regarding safety and possible risks must be kept in a fully legible condition.

7.1. ILLUSTRATION OF SAFETY INSTRUCTIONS

The following symbols are used in the instruction manual:

Warning against possible danger of injury or danger to life for persons

Warning against possible damage to property or the environment

Warning against dangerous electrical voltage

Warning against hot surfaces

Ignoring these instructions can lead to serious damage to health, up to life-threatening injuries!

This symbol indicates important information

Hazardous to the environment

7.2. GENERAL SAFETY INSTRUCTIONS

This electric tool fulfils the basic EC safety and health regulations. Nevertheless, dangerous situations can arise.

All safety equipment must be maintained in perfect condition.

Always pay attention to moving parts. These can cause injury because of their movement or by sudden movement.

Only use the electric tool when it is in perfect condition from the technical point of view, and only use it for intended purpose while being aware of safety issues and risks, and paying attention to the instruction manual! In particular, have any disturbances which could have a negative effect on safety corrected immediately!

WARNING! It is essential to read all the instructions. Mistakes which are made while attempting to follow the below instructions can cause electric shock, fire and/or serious injury. The following term "Electric tool", refers to mains-powered electric tools (with mains cable) and battery-powered electric tools (without mains cable).

KEEP THESE INSTRUCTIONS IN A SAFE PLACE.

Work Area Safety

Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquid, gases, or dust. Power tools create sparks, which may ignite the dust or fumes.

Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.

Electrical Safety

Earthed tools must be plugged into an outlet properly installed and earthed in accordance with all codes and ordinances. Never remove the earthing prong or modify the plug in any way. Do not use any adaptor plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly earthed. If the tools should electrically malfunction or break down, earthing provides a low resistance path to carry electricity away from the user.

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.

Don't expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Don't abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged or entangled cords increase the risk of electric shock.

When operating a power tool outside, only use authorized cords for outdoor work. These cords are rated for outdoor use and reduce the risk of electric shock.

If operating a power tool in a damp location is unavoidable, use an earth leakage circuit breaker.

Use of an earth leakage circuit breaker reduces the risk of electric shock.

Personal Safety

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hardhat, or hearing protection used for appropriate conditions will reduce personal injuries.

Avoid accidental starting. Be sure switch is off-position before connecting to power source, picking up or carrying the tool. Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents

Remove any adjusting key or wrenches before turning the tool on. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

Do not overreach. Keep a proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

Tool use and care

Do not force the tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.

Do not use tool if switch does not turn it on and off. Any tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.

Store idle tools out of reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Tools are dangerous in the hands of untrained users.

Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.

Maintain power tools. 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 tool serviced before using. Poorly maintained tools cause many accidents.

Use the power tool, accessories and blades etc., in accordance with these instructions and in the manner intended for the particular type of power tool, 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.

Use clamps or other practical way to secure and support the work piece to a stable platform. Holding the work by hand against your body is unstable and may lead to loss of control.

Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

Service

Only qualified repair personnel must perform tool service. Service or maintenance performed by unqualified personnel could result in a risk of injury.

When servicing tool, use only identical replacement parts. Follow instructions in the maintenance section of this manual. Use of unauthorized parts or failure to follow maintenance Instructions may create a risk of electric shock or injury.

7.3. ADDITIONAL SAFETY PRECAUTIONS FOR THE PSDC9435 | PDC9430 | DMC9410ND

Do not use the appliance in presence of flammable solids, liquids or gases. Sparks from the armature assembly or the brushes can cause a fire or explosion.

WARNING! Risk of injury from hot chips. Never touch the blade while the

machine is running, and keep away from all the injury-prone body parts.

Never lean on the machine. Machine can tilt and start unexpectedly and cause serious accidents.

Damaged parts must be checked and repaired before the machine is used.
Please check carefully the protection cover or any other parts in case they are damaged to determine that they are working properly according to their function.

The adjustment of moving parts, mounting and any other conditions that may affect the operation of the machine must be checked by a qualified service technician before the machine is put into operation.

All defective parts must be properly repaired or replaced.
Never run the machine unattended.
Don't leave the machine before the saw blade stops.
In case of maintenance or service use only original spare parts.

1. Workpiece has to be always fixed.
2. Check the direction of rotation of the saw blade.
3. Make sure that the blade is always sharp, as well as unhindered and vibration free running.
4. Before actuating the safety switch, return the machine to its default position. The saw blade may not touch the work piece.
5. Never start cutting before you reached full load speed.
6. Never put your hands in the work area access if the machine is connected to the socket.
7. Protect the machine against humidity.
8. Wear Safety glasses, gloves and hearing protection.

Keep the labels and nameplates. These contain important information. If they are unreadable or missing, you need to obtain a replacement.

PSDC 9435 T3 | PDC 9430 T3

8. START-UP

After unpacking the machine from the packaging, verify if the content is complete. Place the machine on a surface so that it is solid and as level as possible. Loosen the locking bolt. Install the saw blade according to the instructions in chapter 7.2, "Replacing the Saw Blade". Before inserting the power supply plug into the socket, make sure that it is a grounded socket. In the case you are using cable extensions, you must make sure that they are also grounded.

9. OPERATION

9.1. ADJUSTING THE TENSIONING DEVICE

It is important for the safe operation of the circular cold saw as well as for good cut and a long life of the machine that the work piece is clamped securely.

9.2. POSITIONING OF THE REAR CHUCK JAW BASE (FIG.1)

The rear chuck jaw base can set to 3 positions (3 holes) to adjust it to different material dimensions. Remove screw A and locking lever B for the adjustment, position
the chuck jaw base accordingly, and then tighten screw A and locking lever B.
For cuts at angles of 0° (90°), 15°, and 30° of materials up to 25 mm thickness, the chuck jaw base should be set to medium position. For thicknesses over 25 mm, set it to the rear position

9.3. WORK PIECE CLAMPING (FIG.1)

Put the work piece between the clamping plate (C) and the rear chuck jaw (D) and ensure that the tensioning device is tightened with the locking lever (B) in clockwise direction. In order to set the rear chuck jaw (D) of the vice to the desired angle, loo- sen screw A and locking lever B and adjust the desired angle. The machine is equipped with an adjustable back support for the sawing section (Figure 2).

9.4. SETTING OF THE RIGHT REAR STOP (FIG.3)

The use of the right rear stop (stopper) extends the service life of the saw blade and is particularly useful in order to avoid that small sections are thrown into the protec- tive cover.

To do so, loosen the screw C and align the right rear stop in a straight line with the rear chuck jaw set. Then tighten the screw C again. Depending on the material thick- ness, insert the screw D into hole A or B.

9.5. QUICK RELEASE FASTENER (FIG.4)

The quick release fastener permits quick pre-ad- justing in order to avoid having to rotate the clamping fixture too much via the clamping handle to bring it into position depending on the work piece size. To do so, turn the locking pin (A) left into a perpendicular position: You can now pre-adjust the clamping fixture (B) without screwing. After having done this, turn the locking pin right again so that the thread engages again. You can now clamp the work piece tight by rotating the clamping handle.

9.6. REPLACING THE SAW BLADE

The blade can be replaced easily by following these instructions:

Step 1
Pull the power supply plug from the socket. Next, put the plug aside so that it cannot be plugged in accidentally.

Step 2 (Figure 5)
Premium Dry Cutter 9430: Loosen the protective cover and push the cover to the side (Figure 5).
Premium Super Dry Cutter 9435: Loosen the butterfly screw (A), turn the small cover (B) to the rear, pull up the vibration dampers (C), and lock them by turning them to the side (figure 5a).

Step 3 (Figure 6 and 7)
Push in spindle lock (Figure 6-A). Grip the screw with the hexagonal wrench and loosen the screw. Turn the face cover up and carefully remove the outer flange and saw blade (Figure 7).

Step 4 (Figure 7)
Push the new blade carefully onto the axle shaft, ensuring that the rotation direction indicated on the saw blade runs counter-clockwise and the saw blade is grease-free. Also ensure that the blade rotates in the direction indicated by the arrow on the pro- tective cover. Next, replace the external flange and the screw and tighten firmly

Step 5
Premium Dry Cutter 9430: The face cover is attached by turning it back to its original position and replacing the screws (Figure 5).
Premium Super Dry Cutter 9435: Turn the small cover back to its original position and tighten the butterfly screw (Figure 5a-A). Move the vibration dampers back to their original position by turning them (figure 5a-C).

Step 6
Loosen the spindle lock and ensure that the saw blade can rotate freely (Figure 6).

9.7. SAW BLADE GUIDES

Regularly spray the spots where the saw blade comes into contact with the saw blade guides with lubricating oil spray. Since the vibration dampers are consumption parts, they should be replaced when they are worn down by approx. 3 mm to a residual value of 1 mm.

9.8. MAINTENANCE

Replacing the carbon brushes: (Figure 8 and 9)

1. Replace the carbon a brush when they are worn down to approx. 1/4" (6 mm) or spark formation occurs. Both brushes must be replaced at the same time.
2. Remove the worn brushes, insert the new brushes and close the cover again.

The carbon brushes must be replaced by an electrician!

9.9. MATERIALS

- Rust and acid-resistant steel (V2A) (Super Dry Cutter)
- Mass structural steel (ST 33, ST 37-2, ST 52-3)
- Casting (SML Pipes)
- Water and gas pipes
- Angle bars, U profiles and double T profiles
- Plastic-encased pipes

9.10. CUTTING TECHNIQUE

Step 1: The circular cold saw can cut at angles of 45°-90°.
a) For 90°, position the work piece between the clamping plate and the setting up piece and ensure that the clamping fixture is tightened with the clamping handle in clockwise direction.
b) For 45°, loosen the screw at the setting up piece, set the machine to the desired angle and re-tighten screws.
Next, insert the work piece and tighten the clamping fixture firmly.

Step 2: On the handle, there is a safety switch (Figure 10). In order to turn on the machine, push the arm lock (A) simultaneously with the switch handle (B). Only then, the handle can be moved downwards.
Ensure that the motor runs load free for a few seconds to reach the maximum operating speed before you start sawing.

Step 3: Cut slowly and evenly. Lift the handle off the work piece and release the switch to switch off the saw. Release the handle only after the saw blade comes to a total standstill.

9.11. CHIP BOX

The chip box (Figure 11/A) catches up to 80% of the chips.

9.12. TRANSPORTING THE PREMIUM SUPER DRY CUTTER

If you want to transport the Premium Super Dry Cutter machine, keep the stopper handle (Figure 12/A) pulled outward and lower the operating arm to the lowest posi- tion. Now let the stopper handle engage.
You can now transport the device with the handle.

10. STANDARD EQUIPMENT

PDC 9430 T3:

1. Carbide tipped saw blade 60T (305x1.8/2.2x25.4 mm) (Part no. 600530)
2. Hexagonal wrench and screwdriver

PSDC 9435 T3:

1. Carbide tipped saw blade 60T (305x1.8/2.2x25.4 mm) (Part no. 600530)
2. Hexagonal wrench and jig plate

10.1. OPTIONAL SAW BLADES & ACCESSORIES PDC 9430T3

1. 80T carbide tipped saw blade for steel and other materials (Part no. 600540)
2. 60T carbide tipped saw blade for steel and other materials (Part no. 600530)

3. 60T carbide tipped saw blade for SML (Part no. 600535)
4. 60T carbide tipped saw blade steel and stainless steel (Part no. 600530 40)
5. Thinfix (Part no. 600546) (Figure 13)
6. Excentric clamping system (Part no. 609910)
7. Mounting stand (Part no. 600526T3)

10.2. OPTIONAL SAW BLADES & ACCESSORIES PSDC9435T3

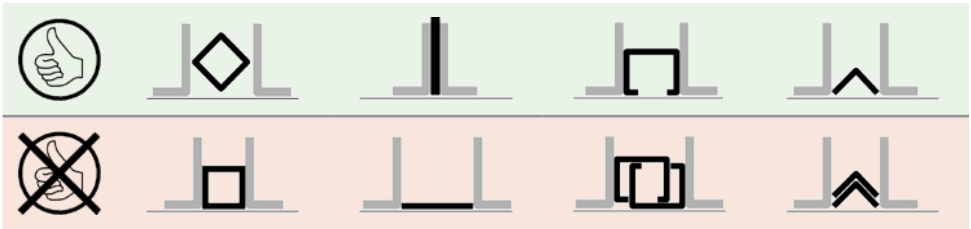
1. 120T carbide saw blade for very thin steel and other materials except SML (Part no. 600512I)
2. 90T carbide saw blade for stainless steel (Part no. 600570NSF)
3. 90T carbide saw blade for steel and other materials except SML (Part no. 600570)
4. 72T carbide saw blade for steel and other materials except SML (Part no. 600580)
5. 60T carbide saw blade for steel and other materials except SML (Part no. 600590)
6. 60T carbide saw blade for SML pipes (not for steel) (Part no. 600591)
7. 66T carbide saw blade for mass steel (not usable for stainless steel and SML) (Part no. 600595)
8. 96T carbide saw blade for aluminum (Part no. 600594)
9. Thinfix (Part no. 600546) (Figure 13)
10. Excentric clamping system (Part no. 609910)
11. Mounting stand (Part no. 600526T3)

11. RECOMMENDATIONS

In order to achieve an optimal saw blade performance, please read the following recommendations:

1. Fasten the work piece well
   First check by hand if the work piece is safely and solidly attached
   - Clamp and cut pipes and round materials individually only.
2. At the beginning insert the carbide tipped saw blade carefully and gently into the material and then continue sawing quickly.
3. Carefully remove chips deposited between the carbide teeth during the work before continuing to work.
4. Check the carbide saw blade regularly for abrasion and broken carbide teeth. If a blade becomes blunt due to wear and broken teeth, replace it with a new one.
5. Always wear safety goggles when sawing.
6. Never reach into the running saw with your hands. Keep clothing away.
7. Watch for the rotation direction when mounting the saw blade.
8. Have saw blades sharpened only by specialised sharpening services.
9. Saw blades can be re-sharpened 5 times on average.

12. CORRECT CUTTING PROCEDURE AT 90°



DMC 9410ND

13. FUNCTION

13.1. PURPOSE

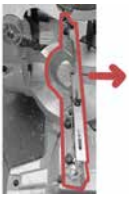
WARNING: The machine should not be modified or changed, such as for a different type of use, as specified in this manual. The user is liable for any damages or injuries caused by improper use.
The DRY MITER CUTTER 9410ND is suitable for cutting strips, tubes and profiles made of steel, copper, brass, aluminum, plastic and composite materials.

13.2. UNPACKING

Remove the machine and all loose parts from the box. Keep all packaging materials until you have checked the machine and have satisfied taken into operation.

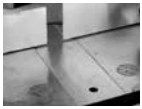
1. DRY MITER CUTTER
2. Saw blade 255/60T
3. "K" clamping system for pipes
4. Vice
5. Allen key

Start to work with the machine only after you have read these operating instructions carefully and understood. From the factory side already set is the cutting depth and the pivot point (distance from the sliding stop motor spindle) See table sliding stop marker on the circular saw table.



For transportation purposes, the rear clamping jaw is mounted in the rearmost position. In order to achieve the maximum working space of +/- 45°, the clamping system must be adjusted. To do this, slightly loosen the 4 screws with which the rear clamping jaw is fixed. The rear clamping jaw is then pushed into the foremost position and fixed again.

(1)



(2)

Note: The machine is delivered from the factory with a table insert (1). The saw groove (2) must be made by the user with the first cut. The machine must be set to the 90 ° position for this.

13.3. FIXATION

For stationary use of the saw fixation holes are provided for fixing the saw, respectively two in the front and rear area.

13.4. FITTING THE SAW BLADE / BLADE CHANGE

Unplug from the socket.

Remove screw # 1 on saw protection and remove protection cover and place back.

Push the spindle lock and rotate blade until it clicks (transmission is blocked)

(1)

(2)

(3)

Blade screw with the Allen wrench in the direction of rotation out to the right (1) Remove the flange (2) and remove the blade. (3)

Place the new blade on the spindle and make sure that the displayed rotation on the blade is clockwise. Place the flange on the spindle and tighten the Allen screw in clockwise rotation again.

Put the protection cover back in place and tighten the screws.

WARNING: After changing of saw blade always make absolutely sure that the spindle lock is release to prevent any transmission damage!

13.5. ANGLE ADJUSTMENT FOR MITER CUT

Conversion to jack rafter is prohibited on the 9410ND!

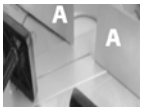
(1)

(2)

Put the knob a half turn to the left (1), with the thumb locking bow down (2).

The saw is now swiveled to both sides up to 45°. Adjust the desired miter angle on the scale. For common angle precisely locating points are available.

13.6. SLIDING STOP



The sliding stop (A) is already exactly set to the angular precision spindle motor by the manufacturer. See label on the round table (pivot). To reach even a bigger cutting capacity, the slide stop can pushed back by loosen the 4 Allen screws The stopper has also displaced stop surfaces on both sides. Advantage: for unstable and thin-walled sections theses stopper surfaces can be adjust close to the saw blade.
This will guarantee a clean cut and no blocking of the saw blade by deviant back material.

Before you make the miter cut, keep sure that the slide stop is in the correct position. (A)

13.7. CLAMPING SYSTEM

The quick-release clamping system allows quick pre-adjustment in order to avoid that, depending on the workpiece size, the clamping device has to be laboriously turned into position using the clamping handle.

(1)

Turn the thumbscrew on (1).

(2)

Pre- adjuste now the tensioner without threads in 3 different positions. Fixation is done with the threaded rod by turning the tension handle. (1 + 2)

WARNING: Before starting the machine, Please make sure that the material is clamped firmly.

Article ID: 600653

Optional adapter for clamping of round and square tubes
Ø 30mm - 70mm

13.8. START AND STOP THE MACHINE

Make sure that the mains voltage is the same as that on the name plate of the machine indicated and that the switch is off before you connect the device to the mains.

Transportation lock:
The transportation lock keeps the saw arm, and the saw head with the blade in the lowest position.

To start the machine:

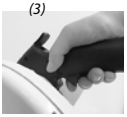
(1A)

(1B)

First: Press the safety lever to release the saw head. (1A) Start it. Keep the saw head down about 1 cm (1B)

(2)

(3)



On the switch handle is a safety button (2). To start the motor, the safety button and the on-off switch to be pressed simultaneously. (2 + 3)

To turn off:
Release the on / off switch (3) and security button, than the motor is stopped.
Keep the saw head back up the saw blade guard will automatically close and lock the saw head in its final position.

WARNING! Always turn off the machine and unplug from the socket immediately after use to prevent accidents caused by untrained personnel.

14. MAINTENANCE AND REPAIR

14.1. CLEANING OF THE MACHINE

Blow periodically from all vents with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic. They could possibly dissolve or otherwise damage the material. Wear safety glasses while using compressed air.

14.2. LUBRICATION

Choose to replace the gear grease every 100 hours by a qualified service technician.

14.3. REPLACING CARBON BRUSHES:

Replace carbon brushes when they wear down to about 1/4 "(6mm) or sparking will occur. Both brushes should be replaced at the same time.

Remove the brush holder caps with a screwdriver.
Pull out the worn brushes, replace with the new brushes and secure the brush holder caps.

To maintain product safety and Reliability, repairs, any other maintenance or adjustment should be performed by Authorized Service centers, always use original Jepson replacement parts.

15. STANDARD ACCESSORIES

- 60 T saw blade for unalloyed steel (600598)
- "K" clamping system for pipes (600653)

Optional accessories:

- 60 T saw blade for unalloyed steel (600598)
- 66T saw blade for stainless steel (600654NSF)
- 66T saw blade for thin steel(600654)
- 80T saw blade for aluminum (600655A)
- 66T IMPACT RESISTANT saw blade for gratings and thin steel (72225566)
- Mounting stand (600599)
- "K" clamping system for pipes (600653)

16. RECOMMENDATIONS FOR OPTIMIZED SAW BLADE PERFORMANCE

1. Check that the workpiece is firmly fixed.
2. First check by hand, if the workpiece is fixed and stable. Clamp and cut tubes and round material only individually.
3. Second introduce at the beginning saw blade carefully and gently into the material and continue rapid with sawing.
4. Chips, which are deposited during the work between the carbide teeth, remove carefully before further work.
5. Please check the carbide tipped saw blade regularly for wear and teeth chipping. Replace the saw blade in case of wear or chipping by a new one.
6. Always wear safety glasses during work.
7. Never reach with hands in the running saw.
8. Keep attention that clothes away.
9. Keep Attention by the blade assembly on the direction of rotation.
10. Resharpen the saw blades always by professional resharpening services
11. Saw blades can be sharpen on average 5 times

GENERAL

17. QUOTATION

When returning a defective machine for repair with cost estimate. We charge a handling fee of 50€, but does not apply if a repair order or purchase of a new machine is given.

18. SPARE PARTS

For current spare parts list with order numbers please visit our website:
www.drycutter.com

19. WARRANTY

The warranty time (warranty according to the commercial code) is 12 months from the day of sale to the end consumer.
It covers and is limited to the free replacement of the defective parts or the free repair of defects that are demonstrably due to the use of imperfect materials during production or due to assembly errors.
Incorrect use or start-up and unauthorized installations or repairs not specified in the operating instructions void the warranty. Parts that are subject to wear are also excluded from the warranty. We expressly reserve the right to make decisions on the warranty application. The warranty is void if the device is opened by a third party. Transport damages, maintenance work as well as damage and malfunctions due to insufficient maintenance are not covered by the warranty.
For warranty claims, the proof of purchase of the device must be given by presenting the delivery note, bill, or cash receipt.
As far as it is legal, we assume no liability for any personal, material or consequential damages, in particular if the device is used differently than for the purpose indicated in the operating instructions, not installed or repaired according to the operating instructions, or repairs were executed by a layperson.
We reserve the right to perform repairs or maintenance over and above the ones specified in these operating instructions at the factory.
The warranty excludes wear parts such as:
Switches, flanges, carbon brushes, supportings and Cutting tools (saw blades, carbide inserts, drills and abrasive).

The quality and safety of the JEPSON circular cold saw depends on the exclusive use of original JEPSON saw blades. The use of other saw blades may damage the machines.
The original JEPSON saw blade fulfils all requirements of the TÜV examination (several inspection offices) and is therefore certified by these inspection offices. In case of use of saw blades of foreign makes, the manufacturer assumes no liability.

Exclusion of the JEPSON POWER warranty
The warranty excludes:
- Parts that are subject to wear through use or natural wear and tear, as well as tool defects due to wear and tear due to normal conditions of use or due to natural wear and tear.
- Tool failure due to non-compliance with the instruction manual, unconventional use, abnormal atmospheric conditions, improper operating conditions, overload, or lack of service or maintenance.
- Tool failure due to replacement parts or additional parts that are not genuine Jepson Power parts.
- Machines to which changes or additions have been made.
- The minor differences from the intended use of the device that are not material to the value and suitability of the tool.

JEPSON POWER® GERMANY
Leading Through Innovation

METAL CUTTING CIRCULAR SAW

PSDC 9435T3 | PDC 9430T3 | DMC 9410ND

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