

Electric Straight and Offset Fixtured Nutrunner

Product Instructions

Model	Part number
EFD43-8	6151662040
EFD43-15	6151662050
EFD43-30	6151662060
EFD43-45	6151662070
EFD51-70	6151662080
EFD51-135	6151662090
EFD60-175	6151662110
EFD60-250	6151662120
EFD80-330	6151662130
EFD80-450	6151662140
EFD80-680	6151662150
EFD80-950	6151662160
EFDO24-20	6151661900
EFDO30-80	6151661910
EFDO40-180	6151661920
EFDO54-450	6151661930



Download the latest version of this document at
http://www.desouttertools.com/info/6159927870_EN



WARNING

Read all safety warnings and instructions

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

Save all warnings and instructions for future reference

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Product Information

General Information

WARNING Risk of Property Damage or Severe Injury

Ensure that you read, understand and follow all instructions before operating the tool. Failure to follow all the instructions may result in electric shock, fire, property damage and/or severe bodily injury.

- ▶ Read all Safety Information delivered together with the different parts of the system.
- ▶ Read all Product Instructions for installation, operation and maintenance of the different parts of the system.
- ▶ Read all locally legislated safety regulations regarding the system and parts thereof.
- ▶ Save all Safety Information and instructions for future reference.

Safety Signal Words

The safety signal words **Danger**, **Warning**, **Caution**, and **Notice** have the following meanings:

DANGER	DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.
WARNING	WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION	CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE	NOTICE is used to address practices not related to personal injury.

Warranty

- Product warranty will expire 12 months after the product is first taken into use, but will in any case expire at the latest 13 months after delivery.
- Normal wear and tear on parts is not included within the warranty.
 - Normal wear and tear is that which requires a part change or other adjustment/overhaul during standard tools maintenance typical for that period (expressed in time, operation hours or otherwise).
- The product warranty relies on the correct use, maintenance, and repair of the tool and its component parts.
- Damage to parts that occurs as a result of inadequate maintenance or performed by parties other than Desoutter or their Certified Service Partners during the warranty period is not covered by the warranty.
- To avoid damage or destruction of tool parts, service the tool according to the recommended maintenance schedules and follow the correct instructions.
- Warranty repairs are only performed in Desoutter workshops or by Certified Service Partners.

Desoutter offers extended warranty and state of the art preventive maintenance through its Tool Care contracts. For further information contact your local Service representative.

For electrical motors:

- Warranty will only apply when the electric motor has not been opened.

Website

Information concerning our Products, Accessories, Spare Parts and Published Matters can be found on the Desoutter website.

Please visit: www.desouttertools.com.

Information about spare parts

Exploded views and spare parts lists are available in Service Link at www.desouttertools.com.

Dimensions

Refer to the Safety Information manual of this product range (printed matter: **6159929370**) available at <https://www.desouttertools.com/resource-centre>.

CAD files

For information about the dimensions of a product, see the Dimensional drawings archive:

<https://www.desouttertools.com/resource-centre>

Overview

Product Description

Refer to the Safety Information manual of this product range (printed matter: **6159929370**) available at <https://www.desouttertools.com/resource-centre>.

Technical Data

Refer to the Safety Information manual of this product range (printed matter: **6159929370**) available at <https://www.desouttertools.com/resource-centre>.

Accessories

Required Accessories

Refer to the Safety Information manual of this product range (printed matter: **6159929370**) available at <https://www.desouttertools.com/resource-centre>.

Service Overview

Maintenance program

Please consult us on the **Tool Care** program that includes production support and maintenance solutions.

Spare parts

Exploded views and spare parts lists are available at <https://www.desouttertools.com/resource-centre>.

The use of spare parts other than those originally supplied by the manufacturer may result in a drop in performance or in increased maintenance and level of vibration and in the full cancellation of the manufacturer's liability.

Installation

Installing the Tool

Refer to the Safety Information manual of this product range (printed matter: 6159929370) available at <https://www.desouttertools.com/resource-centre>.

How to install optional accessories

Refer to the user manual dedicated to the accessory available at <https://www.desouttertools.com/resource-centre>.

Operation

Configuration Instructions

Starting the tool

Power on the system to which the tool is connected.

Refer to the Safety Information manual of CVI3 controllers (printed matter: 6159932290) available at <https://www.desouttertools.com/resource-centre>.

Fit the tool with a suitable socket.

Select the appropriate program on the system.

Service

Maintenance Instructions

Instructions for transducerized tools

- Do not damage the wires when pulling out the connectors.
- Do not pull out the torque transducer wires.
- Ensure that wires are not crushed.

Read before maintenance

WARNING Connection Hazard

The tool can start unexpectedly and cause severe bodily injury.

- ▶ Prior to any maintenance task, disconnect the tool.

Maintenance should be performed by **qualified personnel only**.

Follow standard engineering practices and refer to exploded views for disassembling and reassembling the different parts of the system.

Take into account the following instructions given in the exploded views.

Be cautious: when reassembling, tighten the right direction.



Left hand thread



Right hand thread

When reassembling:



Apply the recommended glue.



Tighten to the required torque.



Lubricate with the required grease or oil. Do not apply too much grease on gears or bearings; a thin coat shall be sufficient.

Preventive Maintenance

Heavy duty

Heavy duty use can require more frequent overhaul and Preventive Maintenance intervals. Please contact your local Desoutter Service team to get a customized maintenance plan.

Recommendations

Overhaul and preventive maintenance are recommended at regular intervals once per year or after a maximum number of tightenings (refer to the table below) depending on which occurs sooner.

Maintenance frequency

500,000 tightenings

Upgrading tools

To upgrade tools, it is necessary to have:

- an ACCESS KEY USB stick set with the right profile.
This USB stick is provided by your CVIKEY manager.
- CVIMONITOR software

Contact your Desoutter representative to get more information and support.

Recommissioning

Prior to putting the different parts of the system back into service, check that the main settings have been correctly set up and that the safety devices work properly.

Checking before putting back into service

Prior to putting the equipment back into service, check that its main settings have not been modified and that the safety devices work properly.

Original instructions

Founded in 1914 and headquartered in France, Desoutter Industrial Tools is a global leader in electric and pneumatic assembly tools serving a wide range of assembly and manufacturing operations, including Aerospace, Automotive, Light and Heavy Vehicles, Off-Road, General Industry.

Desoutter offers a comprehensive range of Solutions -tools, service and projects- to meet the specific demands of local and global customers in over 170 countries.

The company designs, develops and delivers innovative quality industrial tool solutions, including Air and Electric Screwdrivers, Advanced Assembly Tools, Advanced Drilling Units, Air Motors and Torque Measurement Systems.

Find more on www.desouttertools.com

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