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› [Lincoln Electric](#) /

› [Lincoln Electric 1870 AC Charger Instruction Manual](#)

Lincoln Electric 1870

Lincoln Electric 1870 AC Charger Instruction Manual

Model: 1870

[Safety Information](#)

[Product Overview](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty & Support](#)

1. SAFETY INFORMATION

Before operating the Lincoln Electric 1870 AC Charger, it is imperative to read and understand all safety warnings and instructions provided in this manual and on the underside of the charger unit. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the charger is connected to a power source that matches the specified input voltage (240 Volts).
- Do not expose the charger to rain or wet conditions.
- Do not use the charger if the cord or plug is damaged.
- Do not attempt to disassemble or modify the charger. Refer all servicing to qualified personnel.
- Use only with Lincoln Electric 20V Lithium-ion batteries (Model 1871). Using other batteries may cause damage or injury.
- Keep children and unauthorized persons away from the charger during operation.
- Ensure adequate ventilation around the charger during use.

2. PRODUCT OVERVIEW

The Lincoln Electric 1870 AC Charger is designed to efficiently charge Lincoln Electric 20V Lithium-ion batteries, specifically Model 1871. These batteries are compatible with Lincoln Electric PowerLuber models 1882 and 1884. The charger provides a reliable power source for maintaining your battery's performance.



Figure 1: Lincoln Electric 1870 AC Charger. This image shows the black charger unit with its power cord connected, ready for use. The top surface features a slot for the battery and indicator lights.

Key Features:

- Compatibility with Lincoln 20V Lithium-ion Battery (Model 1871).
- Designed for use with PowerLuber models 1882 and 1884.
- AC power input for standard wall outlets.
- Efficient charging time of approximately 1.5 hours.

3. SETUP

Follow these steps to set up your Lincoln Electric 1870 AC Charger:

1. **Unpack the Charger:** Carefully remove the charger from its packaging. Inspect the unit for any signs of damage. If damaged, do not use and contact customer support.
2. **Choose a Location:** Select a dry, well-ventilated area for charging. Ensure the surface is stable and clear of obstructions. Avoid direct sunlight or extreme temperatures.
3. **Connect to Power:** Plug the AC power cord into a standard 240V wall outlet. The charger's indicator light may illuminate briefly, indicating it is receiving power.
4. **Prepare Battery (Model 1871):** Ensure the 20V Lithium-ion battery (Model 1871) is clean and free of debris before inserting it into the charger.

4. OPERATING INSTRUCTIONS

To charge your Lincoln Electric 20V Lithium-ion battery (Model 1871) using the 1870 AC Charger:

- 1. Insert Battery:** Align the 20V Lithium-ion battery (Model 1871) with the charging slot on the 1870 AC Charger. Gently slide the battery into the slot until it clicks securely into place.
- 2. Monitor Charging Status:** The charger features indicator lights to show the charging status.
 - **Solid Green:** Battery fully charged.
 - **Flashing Green:** Battery is charging.
 - **Solid Red:** Charging error or battery fault. Remove battery and re-insert. If error persists, consult troubleshooting.
- 3. Charging Time:** A fully depleted 20V Lithium-ion battery (Model 1871) typically takes approximately 1.5 hours to fully charge. Actual charging time may vary based on battery charge level and ambient temperature.
- 4. Remove Battery:** Once the indicator light shows a solid green, the battery is fully charged. Press the release tab (if present) or gently pull the battery upwards to remove it from the charger.
- 5. Unplug Charger:** When not in use, unplug the charger from the wall outlet to conserve energy and for safety.

5. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charger.

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe down the exterior of the charger. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger in a dry, indoor location away from direct sunlight, moisture, and extreme temperatures.
- **Inspection:** Periodically inspect the power cord and charger housing for any signs of damage, such as cuts, fraying, or cracks. If damage is found, discontinue use and seek professional repair.
- **Battery Care:** For optimal battery life, avoid storing fully discharged batteries for extended periods. Charge batteries before long-term storage.

6. TROUBLESHOOTING

If you encounter issues with your Lincoln Electric 1870 AC Charger, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Charger indicator light does not illuminate.	No power to the charger.	Ensure the charger is securely plugged into a live 240V outlet. Check the circuit breaker or fuse for the outlet. Try a different outlet.
Battery not charging (flashing green light not active).	Battery not properly seated or battery fault.	Remove the battery and re-insert it, ensuring it clicks into place. Ensure the battery is a Lincoln Electric 20V Lithium-ion (Model 1871). If the battery is extremely hot or cold, allow it to reach room temperature before charging.

Problem	Possible Cause	Solution
Solid red indicator light.	Charging error or battery fault.	Remove the battery, wait a few minutes, and re-insert. If the error persists, the battery may be faulty. Try charging a different compatible battery if available. If the charger itself is suspected to be faulty, discontinue use and contact customer support.

If the problem persists after attempting these solutions, please contact Lincoln Electric customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model	1870
Brand	Lincoln Electric
Compatible Battery	Lincoln 20V Lithium-ion (Model 1871)
Input Voltage	240 Volts AC
Output Voltage	Designed for 20V Lithium-ion batteries
Charging Time	Approximately 1.5 Hours
Item Weight	1.3 pounds (0.59 kg)
Product Dimensions	9 x 3.95 x 11.4 inches (22.86 x 10.03 x 28.96 cm)
Color	Black

8. WARRANTY & SUPPORT

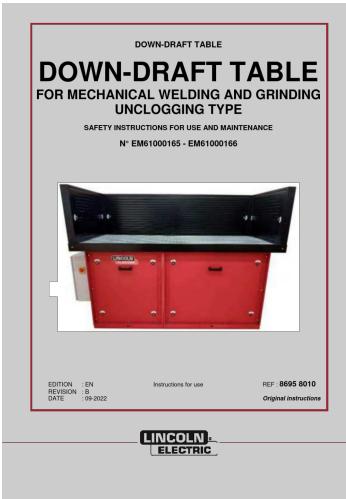
The Lincoln Electric 1870 AC Charger is covered by Lincoln Electric's standard product warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Lincoln Electric website.

For technical support, service, or to inquire about replacement parts, please contact Lincoln Electric Customer Service:

- **Website:** www.lincolnelectric.com
- **Phone:** Refer to the contact information on the official website for your region.

When contacting support, please have your product model number (1870) and purchase date available.

	<p><u>Lincoln Electric RANGER 250 GXT (AU) Operator's Manual</u></p> <p>Comprehensive operator's manual for the Lincoln Electric RANGER 250 GXT (AU) engine-driven welder/generator, covering installation, operation, maintenance, and safety precautions for models 11689, 11741, 11796, 11803, 12099, 12194, 12205.</p>
	<p><u>BULLDOG TM5500 Operator's Manual - Lincoln Electric</u></p> <p>Comprehensive operator's manual for the Lincoln Electric BULLDOG TM5500 welder/generator. Covers safety precautions, installation, operation, maintenance, and troubleshooting for model number 11733.</p>
	<p><u>YARDTEC® 300C STANDARD Operator's Manual</u></p> <p>Operator's manual for the YARDTEC® 300C STANDARD welding machine, covering technical specifications, safety, operation, maintenance, and accessories.</p>
	<p><u>Operator's Manual LF-74 Wire Feeder</u></p> <p>This operator's manual provides essential safety precautions, installation guidelines, and operational information for the Lincoln Electric LF-74 Wire Feeder. It covers technical specifications, mounting options, and troubleshooting for this welding equipment.</p>
	<p><u>Lincoln Electric INVERTEC 300TPX & 400TPX Spare Parts</u></p> <p>This document provides a comprehensive list of spare parts for the Lincoln Electric INVERTEC 300TPX and 400TPX welding machines, including assembly diagrams and part numbers.</p>
	<p><u>Lincoln Electric VANTAGE® 400 (AU) Operator's Manual</u></p> <p>Comprehensive operator's manual for the Lincoln Electric VANTAGE® 400 (AU) diesel engine driven welder/generator. Covers safety, installation, operation, maintenance, and troubleshooting. Essential reading before use.</p>



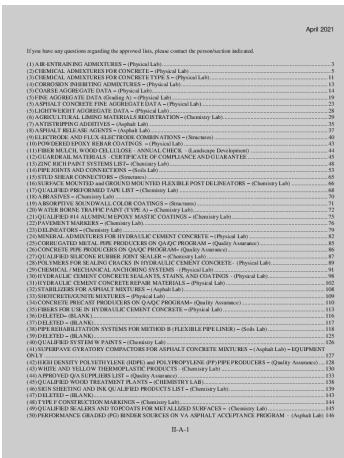
[pdf] User Manual Instructions Specifications Declaration of Conformity

8695 8010 steve legrand Lincoln AMSFMD Down Draft Welding Table With Fume Extraction Instruction Manual expressweldcare co uk 2024 10 |||

DOWN-DRAFT TABLE DOWN-DRAFT TABLE FOR MECHANICAL WELDING AND GRINDING UNCLOGGING TYPE SAFETY INSTRUC ... FMD TABLE

COMPOSITION The table is made up of the following : 1 Work surface size 1070 X 740 mm or **1870** x 740 mm Working height 920 mm. Max. load capacity of table : 200 kg. Lateral extraction pane...

lang:en score:31 filesize: 763.61 K page_count: 28 document date: 2024-10-14



Virginia Department of Transportation Approved Materials List

Official Virginia Department of Transportation (VDOT) approved materials list, detailing specifications, manufacturers, and quality assurance programs for construction products used in VDOT projects.

lang:tl score:19 filesize: 4.03 M page_count: 212 document date: 2021-04-08

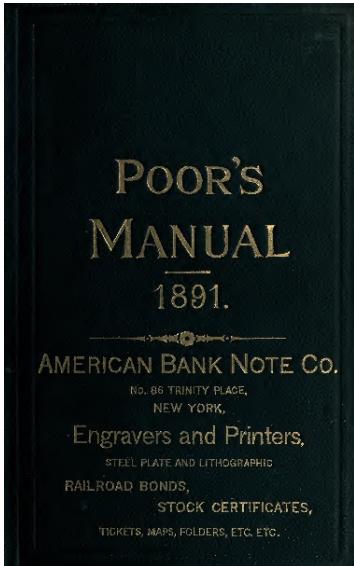


[pdf] Catalog

CATALOGO TRATAMIENTO DEL AIRE Lincoln Electric le air treatment catalogue es lincolnelectric assets EU ES

www.lincolnelectriceurope.com TRATAMIENTO DEL AIRE Y EL ENTORNO DE LA SOLDADURA TIENDA ONLINE DE ... 00 Hopper Pre-filter Carga permitida kg/m 200 200 Superficie de trabajo tamao mm 1070 x 740 **1870** x 740 Soporte TASB para mesas aspirantes Soporte que permite sujetar una probeta para soldar ...

lang:es score:13 filesize: 13.65 M page_count: 128 document date: 2021-01-20



Poor's Manual of Railroads 1891: A Comprehensive Guide to American Railroads

Explore the 1891 edition of Poor's Manual of Railroads, featuring detailed information on American railroad companies, their operations, and related industries. This historical document provides insights into the infrastructure and business landscape of the late 19th century.

lang:en score:13 filesize: 208.87 M page_count: 1768 document_date: 2011-12-19



[\[pdf\]](#) Catalog

TRATTAMENTO DELL'ARIA E AMBIENTE DI SALDATURA Lincoln Electric le air treatment catalogue it
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www.lincolnelectriceurope.com TRATTAMENTO DELL'ARIA E AMBIENTE DI SALDATURA WEBSHOP LINCOLN ELECT ... richiesta m/h 2000 3000 Carico massimo kg/m 200 200 Dimensione piano di lavoro mm 1070 x 740 **1870** x 740 Per ordinare Descrizione Banco ASM 1200 x 800 mm Banco ASM 2000 x 800 mm Installazione ...

lang:it score:12 filesize: 16.52 M page_count: 144 document date: 2020-11-06

Agricultural Equipment Auction List

Comprehensive list of agricultural equipment available at auction, including tractors, balers, mowers, and more, with detailed descriptions and specifications.

lang:en score:12 filesize: 1.09 M page count: 48 document date: 2022-09-03

Comprehensive Calibration and Test Equipment Price List

A detailed catalog of calibration and test instruments from numerous manufacturers, including model numbers, descriptions, and calibration costs. This list covers a wide array of electronic, mechanical, and environmental testing equipment.

lang:en score:11 filesize: 5.53 M page_count: 128 document date: 2016-03-01

[pdf] Confidentiality Request Letter

RB Auction Event Export Regina SK CAN 14 hours ago — REGISTRATION MANUAL KEY CARFAX
AVAILABLE ONLINE MAY REQUIRE INSPECTION Manual Transmission 13300 lb Front Axle 40000

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F7924A6587DB 352a7e6fbef0ba8174b42faa7c982c97 ||

[pdf] Confidentiality Request Letter

BB Auction Event Export Regina SK CAN 12 hours ago — Manual Transmission 235 85B16 Spring

Suspension 160 in Wheelbase 11 REGISTRATION MANUAL KEY CARFAX AVAILABLE ONLINE MAY REQUIRE INSPECTION Catalog 2024276 assets ctfassets net ueyxw0p8lpyv 735C58E8 8CC7 89CC A7B3 F7924A6587DB 2dc467d7c973132b003091f4eaede3b6 |||

Page 1 of 94 Regina, SK, CAN - Nov 14, 2024 Lot # 1 3 4 Details 2012 Ford F-350 XLT 4x4 Crew Cab ... ers Usage: Not Available Notes: YARD OFFICE: MONITOR. Asset located in: Rouleau, SK 2016 John Deere **1870** 74 ft Air Drill S/N: 1A81870XCGT765133 C/W: 12 in Spacing, Double Shoot, Sectional Control, Ful... lang:de score:11 filesize: 348.59 K page count: 94 document date: 2024-11-12

Lot #	Details	Lot #	Details
2024	John Deere X9 1100 Signature Edition	3	2024 John Deere X9 1100 Combine Harvester
Combine Harvester (S4)	S4 16000171 X91100SD24	C/H	S4 16000171 X91100SD24
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[\[pdf\]](#) Guide Catalog Label

RB Auction Event Export Saskatoon SK CAN il y a 1 jour — Transport Trailer Freeform MT2000 8 to 10 ft
adjustable poly swath roller EZ Guide 250 Display Trimble Steer Autosteer US EPA Label 23 1R26

Catalog 2024285 assets ctfassets net ueyxw0p8lpyv 5DD3245B C28D 573D 8376 05060A3FE448

9952fcfa98952dc641be3614af747be7 ||

Page 1 of 121 Saskatoon, SK, CAN - Dec 3, 2024 Lot # 1 2 Details 2024 John Deere X9 1000 Signatur ... OFFICE: CONTROLS. Asset located in: Saskatoon, SK 2015 Bourgault 3320PHD XTC 84 ft Air Drill S/N: **41870PH04** C/W: 12 in Spacing, Double Shoot, Mid-Row Banding, Liquid Fertilizer Kit, Variable Rate Con...

lang:en score:10 filesize: 446.79 K page_count: 121 document date: 2024-11-26

[pdf] Confidentiality Request Letter

RB Auction Event Export Saskatoon SK CAN 3 days ago — OFFICE MONITOR MANUAL The closing time of Lots 85 86 are tied together Mack Manual Transmission 425 65R22 5 Front Tires 11R22 Rear Catalog 2024285 assets ctfaassets net ueyxw0p8lpv 5DD3245B C28D 573D 8376 05060A3FE448

2d9b92badc3be74b86e5daca5f378892 ||

Page 1 of 126 Saskatoon, SK, CAN - Dec 3, 2024 Lot # 1 2 Details 2024 John Deere X9 1000 Signatur ... OFFICE: CONTROLS. Asset located in: Saskatoon, SK 2015 Bourgault 3320PHD XTC 84 ft Air Drill S/N: 41870PH04 C/W: 12 in Spacing, Double Shoot, Mid-Row Banding, Liquid Fertilizer Kit, Variable Rate Con...

lang:en score:10 filesize: 467.48 K page_count: 126 document date: 2024-11-28

John Deere & Case IH Combine Harvesters Auction Catalog

Comprehensive catalog featuring a wide selection of John Deere and Case IH combine harvesters, including various models like the X9, S700, and 9250 series. Details include serial numbers, separator hours, engine specifications, and key features for each unit.

lang:en score:10 filesize: 474.14 K page count: 128 document date: 2024-11-29

This catalog was created at January 15, 2025 11:16:29 AM GMT.
Please check our website for the most accurate and up-to-date information.

[pdf] User Manual Catalog Label

RB Auction Event Export Jan 15 2025 — 2024 Interstate Trailers 40DLA 20 ft T A Equipment Trailer S N
Quantity of Service Manuals Not Available Usage Asset Catalog Complete Dispersal Highway Company
MD 2025342 assets ctfaassets net ueyxw0p8lpyv E1734BC0 4B42 6CBC DA58 9694EAD60F73

2727817a5a2bee7b357989478b2aa472 |||

Page 1 of 126 Complete Dispersal Highway Equipment Company, MD - Jan 23, 2024

Lot # 1 2 3 4 Detail ... side Pin Boss Spacing Usage: Not Available Asset located in:

Burgettstown, PA Lot # 1867 1868 1869 **1870** 1871 1872 1873 Details 2021 Wern
Brau SK45SR2 36 in Digging Excavator Bucket Unused S/N: 280...

lang:en score:10 filesize: 448.58 K page_count: 126 document date: 2025-01-15