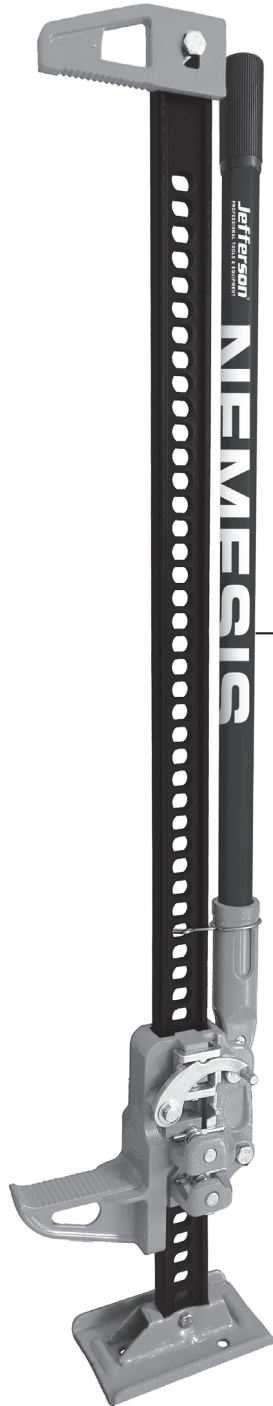


NEMESIS[™]



2
TONNE
F A R M J A C K

1200MM
13.25KG

**UK
CA**

CE



WARNING!

Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating.
Failure to follow the safety rules and other basic safety precautions may result in serious personal injury

Specification

Model	JEFJKFMNEM48
Height	1200MM
Rated Load	2000KG
Load Capacity	4500KG
Maximum Lift Height	1030mm
Minimum Lift Height	110mm
Max Clamp Load	340KG
Min Lowering Load	50KG

Set up - Before use

! Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheading herein before set up or use of this product.

Components

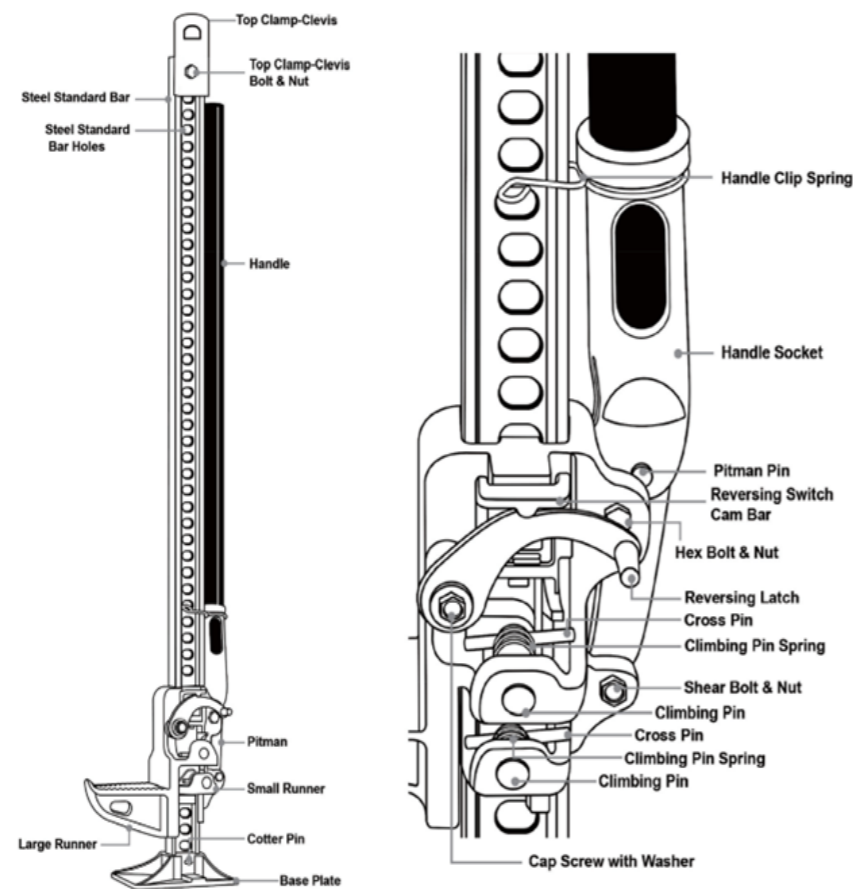


Figure A: Jack Layout

Warning symbols and definitions

!	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
! WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
! CAUTION	Indicates a hazardous situation which, if ignored, could result in death or serious injury.
NOTICE	Addresses practices not related to personal injury.

Important safety information

- Study, understand, and follow all instructions
- Do not exceed rated capacity.
- Use only on hard, flat, level surfaces.
- Immediately after lifting, support the vehicle with appropriate Axle Stands.
- Wear safety goggles and heavy-duty work gloves during use.
- Keep clear of load while lifting and lowering.
- Keep head and body clear of the Jack handle path during use.
- Do not use on curved or sloping vehicle surfaces. Use properly rated lifting strap when flat lifting surfaces do not exist.
- When the jack is under load, the handle must be in the upright position and clipped to the main rail.
- When changing jack from lifting to lowering, handle must be in the upright position and clipped to the main rail.
- When lowering load, keep head, body, and hands clear of handle path and hold jack handle firmly with both hands.
- When lowering the load, the jack handle will have an upward force that must be resisted by the user's hands in a controlled manner.
- The jack must have a load of 68KG or more to lower with the handle movement. At loads below 68KG, the lifting mechanism will slide down the rail to the base.
- Do not lift the vehicle more than necessary before operating this device.
- Lower load slowly in controlled fashion. Do not allow load to drop quickly.
- Apply parking brake and chock tires before using.
- Inspect before every use; Do not use if parts are bent, loose, or damaged
- Do not alter the jack or use attachments and/ or adapters that are not supplied by the manufacturer. Any alterations or modifications to this tool may result in dangerous conditions.
- Be aware of dynamic loading! Sudden load movement may briefly create excess load causing product failure.
- Maintain labels and nameplates on tool. These carry important safety information.
- This product is not a toy. Keep it out of reach of children.
- The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product but must be supplied by the operator.

Operation

Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheading herein before set up or use of this product.

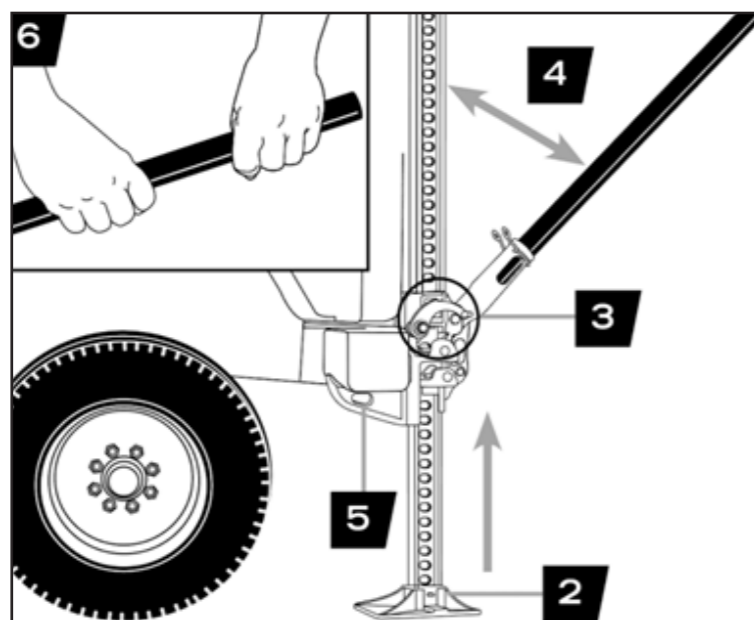
Warning! Keep hand securely on Handle. During lifting and lowering, the weight of the load pushes up against the Jack Handle. If your hands slip off handle, or if handle is horizontal when moving the Reversing Latch, Handle may move very rapidly.

RAISING STATIONARY LOAD

WARNING! Dynamic loading may under certain circumstances create a situation where the actual weight being held or lifted is far in excess of Jack or bolt capacity. **DO NOT** drop weight onto the Lifting Arm, or allow sudden motion of the Lifting Arm, as this may shear the 1/2" bolt or cause the Jack to fail.

WARNING! Do not use the Jack to support or stabilise load. Always securely chock and block (stabilise) load to be lifted.

1. Securely chock and stabilise load to prevent rolling or shifting during lifting process.
 2. Place Jack's base plate securely on a firm, level, and dry surface with Steel Standard Bar pointing straight up. See Figure B.
 3. Lift the Reversing Latch until it locks in the up position.
 4. Pull the handle away from the Steel Standard Bar, releasing the Handle Clip Spring.
 5. Grasp the Handle and raise the Lifting Mechanism until the Large Runner is completely and securely under the load.
- Note:** Keep Handle against Steel Standard Bar with the Handle Clip Spring holding it when not actively lifting or lowering.
6. Grasp the Handle firmly with both hands. Carefully pump Handle up and down to raise load. Do not use an extension on Handle.
 - Note:** The load will be raised on each down stroke of the handle. Watch the load and the Jack carefully. Stop lifting if either one starts to move. Do not continue until it safe to do so. When safe, stabilise and block the load.
 7. When the load is raised to desired height, place the Handle in the upright position clipped to the Steel Standard Bar.
 8. Block load securely. Lower load onto proper blocks or supports.
- WARNING!** Do not use Jack for long- term support of a load.
9. Remove Jack from stabilised load.



Operation

Lowering a Stationary Load

Note: Jack must have a load of at least 150 lb. If load is less than 68kg, The Lifting Mechanism will slide down to the Base Plate, dropping your load.

1. Position Jack under raised load and raise the stationary load high enough to remove blocks from under load. See Figure C.
- Note:** Make sure load is stabilised before removing blocks.
2. Place Handle in upright position clipped to Steel Standard Bar before lowering the load.
3. Move Reversing Latch to down position.
4. Grasp Handle firmly with both hands. Carefully pump Handle to lower load.

Note: The load will be lowered on each up stroke of the Handle.

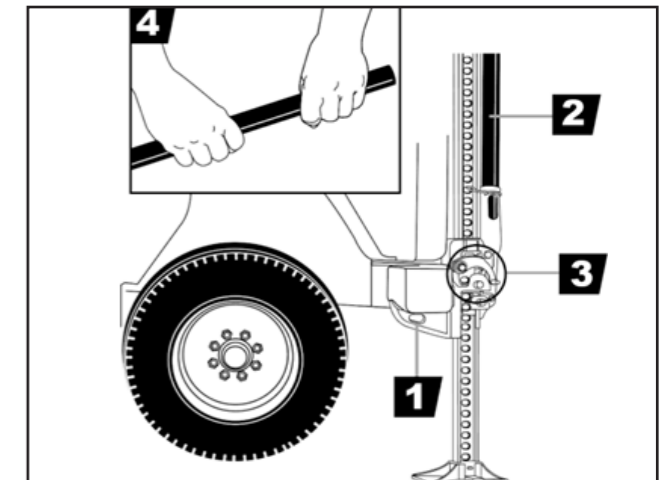


Figure C: Lowering Steps 1 - 4

Clamping

1. Loosen the standard top Clamp-Clevis Bolt.
 2. Turn the top Clamp-Clevis 90 degrees to the Steel Standard Bar, and re-tighten Bolt. See Figure D.
- Note:** You can connect Clamp-Clevis Anywhere along the Steel Standard Bar to use the jack as a clamp.
3. Operate Jack as you would for raising a load.

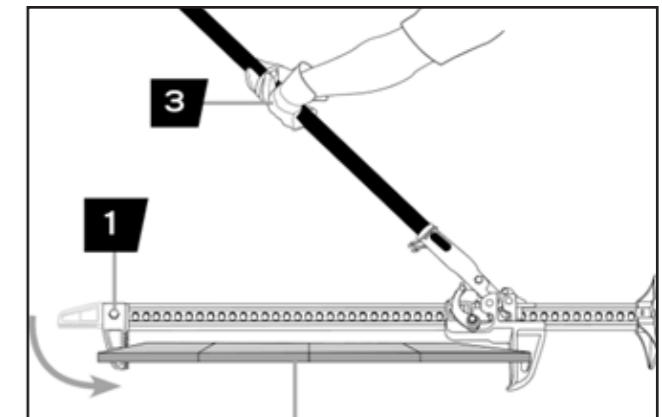
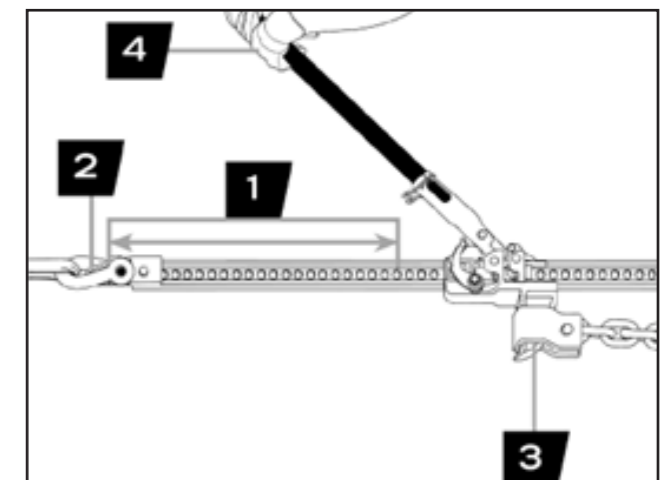


Figure D: Clamping Steps 1 - 3

Winching

1. Make sure top Clamp-Clevis is in line with Steel Standard Bar.
 2. Install one end of chain or tow strap (sold separately) securely to the object to be winched. Securely attach the other end of the chain or tow strap to the top Clamp-Clevis of the Jack.
 3. Take another chain or tow strap and secure one end to a fixed, stable object. Attach the other end of the chain or tow strap to the large Runner on the Jack.
- WARNING!** Do not attach chain or strap to bottom hole of the large runner on the Jack.
4. Operate Jack as you would for raising a load.



User - Maintenance Instructions



Procedures not specifically explained in this manual must be performed only by a qualified technician



WARNING

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise occurs, have the problem corrected before further use.

TO PREVENT SERIOUS INJURY:

Remove load from the jack before any procedure on this page.

1. Before each use, inspect the general condition of the equipment.

Check for:

- Loose hardware
- Misalignment or binding of moving parts
- Cracked or broken parts.
- Any other condition that may affect its safe operation.
- Lubricate moving parts of the Jack with lubricating oil.

2. Before each use and after the inspection, thoroughly test the Jack for proper operation prior to its actual use.

3. After each use, Clean the tool with a clean cloth.

4. Store the Jack in a safe, dry location out of reach of children and other non - authorised people.

Note: Using Jack without proper lubrication can result in poor performance and damage to Jack. The front and back of the Steel Rail must be kept rust free.

Only add motor oil or grease into Climbing Pin and Small Runner if there is any stuck with the product. Position see page 1.

- Place Handle in upright clipped position against Steel Standard Bar
- Raise the Reversing Latch until it locks in the up position
- Store in up right locked position in dry location

PLEASE READ THE FOLLOWING CAREFULLY

The manufacturer and/or distributor has provided the parts list and assembly diagram in this manual as a reference tool only. Neither the manufacturer or distributor makes any representation or warranty of any kind to the buyer that he or she is qualified to make any repairs to the product, or that he or she is qualified to replace any parts of the product. In fact, the manufacturer and/or distributor expressly states that all repairs and parts replacements should be undertaken by certified and licensed technicians, and not by the buyer. The buyer assumes all risk and liability arising out of his or her repairs to the original product or replacement parts thereto, or arising out of his or her installation of replacement parts thereto.

Declaration of Conformity.

We, Jefferson Professional Tools & Equipment, as the authorised European and UK Community representative of the manufacturer, declare that the following equipment conforms to the requirements of the following:

Machinery Directives:	2006/42/EC
Mobile or movable jack and associated lifting equipment:	EN 1494:2000+A1:2008
Machinery (safety) Regulations S.I.2008/1597	BS EN ISO12100:2010 BS EN 1494:2000 + A1:2008

Product Name:

JEFJKFMNEM48 - Jefferson Nemesis
1200MM, 2 Tonne Farm Jack

Notified Body:

TUV SUD Product service,

Certified Body:

Ridierstrabe 65, 80339 Munich,
Germany.

Signed by:

Stephen McIntyre
29 June 2023


Operations Manager

Name and address of manufacturer or authorised representative

Jefferson Professional Tools & Equipment
24 Lisgorgan Lane, Upperlands, BT46 5TE

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+353 (0)1473 0300 (ROI)
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NEEMESISTM

IMPORTANT! SAFETY FIRST!

Before attempting to use this product please read all the safety precautions and operating instructions outlined in this manual to reduce the risk of fire, electric shock or personal injury.

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