



Lifting-Strap Kit ***HPR400xd***

Field Service Bulletin

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Hypertherm®

		<p>DANGER</p>
<p>The HPR400XD power supply weighs approximately 746 kg (1645 lbs). 1 or 2 person manual pushing or lifting could cause injury. Use appropriate lifting aids and techniques when moving a power supply.</p>		

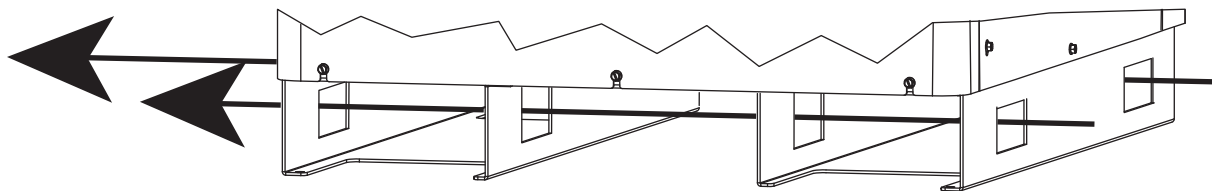
Kit contents

Part number	Description	Quantity
127218	Strap: HPR400, 3" X 16', 2 ply sling	2

Lifting the power supply

A strap kit (228336) for lifting the HPR400 is available from Hypertherm. The strap kit should only be used to lift the HPR400 as outlined herein. Before using the strap kit, the customer understands and assumes exclusive responsibility for supplying personnel trained and qualified to operate forklifts, cranes, hoists and other lifting devices to lift or move the power supply. All movement of the power supply must be done in compliance with applicable local laws and regulations. All handling equipment must be evaluated for each application and inspected and tested before each use. The power supply can be moved by forklift, but the forks must be long enough to extend the entire length of the base. Take care when lifting so that the underside of the power supply is not damaged. The customer agrees to observe and ensure compliance with the following:

- The straps and other handling equipment must comply with applicable local standards, laws and regulations.
- The rated capacity, design factor, and efficiency rating of the lifting system, including the straps sold by Hypertherm, may be affected by wear, misuse, overloading, corrosion, deformation, intentional alteration, age, and other use conditions. An inspection of the straps by qualified personnel should be conducted before each use. Worn or damaged straps may not be used, nor may they be altered or modified in any way.
- All 4 loops at the ends of the straps must be securely and properly attached to the lifting mechanism.
- The power supply is a nonsymmetrical load; ensure that an analysis by a qualified person is performed properly to balance the load to prevent tipping and overloading of any one strap.
- All enclosure panels must be securely fastened before lifting the power supply.
- The lifting mechanism must be rated for the appropriate weight and be suitable for the strap size.
- Each strap should pass through all 4 holes in the base of the power supply and should not be twisted, constricted, bunched or pinched.



Correct path for lifting straps

- Straps shall not be shortened or lengthened by knotting, twisting, choker hitching, or other means.
- The power supply should be lifted slowly, not more than 203 mm (8 in.) above the floor, to insure that the weight is evenly distributed.
- The power supply should be moved slowly to prevent sudden acceleration and deceleration when moving.
- Access to the area should be restricted when moving or lifting to prevent injury of personnel if the power supply shifts or tips.
- Personnel should never be allowed to place themselves or any part of the body under the equipment, or between the equipment and walls or other solid objects.
- Store straps in a proper manner such that they are not subjected to mechanical, chemical, or ultraviolet damage, or to extreme temperatures.

In the United States, OSHA regulates slings in 29 CFR 1910.184. This regulation covers general requirements, basic definitions, safe operating practices, inspections of the various types of slings. Read the OSHA regulations and OSHA sling guidelines carefully before moving the power supply, and observe all requirements and recommendations for safe handling in 29 CFR 1910.184 and other applicable sections. If there is any question respecting the interpretation or application of these or other OSHA regulations, you should consult appropriate legal counsel.

Hypertherm slings are not for sale In Europe, where locally purchased slings are required to have "CE Marking." In the UK the interpretation of the European Directives translated into the following UK Statutory Instruments (SI): SI 2306 PUWER, The Provision and Use of Work Equipment Regulations and SI 2307 LOLER, Lifting Operations Lifting Equipment Regulations. Reference to the European Directives may not be construed to mean that the strap kit may be used in other countries or jurisdictions.

The body responsible for the workplace where the equipment is to be installed needs to ensure all applicable local regulations are followed, and Hypertherm assumes no responsibility or liability therefor. The customer assumes exclusive responsibility for ensuring that all local laws and regulations are followed, including those applicable to the use of equipment and work place conditions.

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