

# LV-120 PLATE CARRIER KIT - SPIRITUS SYSTEMS LV-120 PLATE CARRIER KIT - MEDIUM BLACK

SPIRITUS SYSTEMS LV-120 PLATE CARRIER KIT THE LV-120 IS SOLD AS A COMPLETE KIT INCLUDING: PLATE BAGS, SHOULDER STRAPS, CUMMERBUND (with Tubes), AND SHOULDER COVERS. DOES NOT INCLUDE TUBES SHOULDER STRAP OR PLATES The carrier was designed to fit United States Standard Issue SAPI cut plates, but it will fit other cuts as well as long as they fit within the specifications listed below. The bags were built to accommodate "thicker" plates, but they will not fit plates that do not fall within the measurements listed. The LV-120 Plate Carrier, is a fine-tuned solution of load carriage design that answers the nearly impossible demand of weight, durability, integration, adaptability and refinement. A completely new offering from its predecessor, the LV-119, the LV-120 was developed in collaboration with the professional end-user, in an effort to address the unique and diverse requirements for next-gen warfare. At its core, the LV-120 Plate Carrier addresses the warfighter's need to tailor the system to a constantly shifting mission profile. The design considers current cable routing requirements, various plate sizes and types, weight (2.03lbs for size Medium), increased load carriage, durability and additional extensive end-user feedback. The base configuration is a mission-ready, highly rigid plate carrier, constructed with X-Pac X50 Nylon and Nylon Laminate. The new materials, ensure a highly abrasion-resistant, tear-resistant, waterproof material; ensuring the carrier is near-hydrophobic and won't retain water. Additionally, the 3D-mesh which dries near instantaneously, lines the front and back panels, creating a space for ventilation of heat and perspiration - making the LV-120 a notable solution to virtually any environment. Equipped with removable articulating shoulder straps, with ride-height adjustment which allows the carrier to naturally settle on the body. For those who require a quick-release function, the straps can be interchanged with the LV-120 Tubes Shoulder Strap (sold separately) for easy donning and doffing. The front panel features a loop molle field, designed to accommodate Placards, EUD's or other mission-specific attachments. Placards can now be attached using G-Hooks, 1-inch side release buckles, or the innovative, Quick Attach Tab System. Laser cut ports for PTT securement are located on either side of the molle field, which also serve as a channel for comm-cable management. Strategically designed ingress points for future attachments can also serve as a comms passthrough into the plate bag, allowing for easy storing of excess cabling and connectors. The rear panel is equipped with a full molle field, to accommodate a highly customizable configuration, including a 9"x 4" loop field, for identifier patches. Rigid wings located on either side of the rear plate bag function as a mounting platform for future attachments, as well as allow the Reactive Cummerbund to have an articulated radius around the edge of the plate for guaranteed retraction with movement. The newly implemented rigidity of the Reactive Cummerbund provides a weight transfer from the shoulders and spine by ensuring the plate bags are kept compressed against the body, without compromising the same level of comfort as an elastic cummerbund. The mounting location of the cummerbund ensures that armor plates are positioned correctly on the body, while maintaining a level cummerbund. The added rigidity also allows for heavier items to be mounted on either side of the polypropylene composite (CURV) chassis. A one-size-fits most sizeable structure, combined with a tension-adjusting shock cord system in the rear accommodates natural flexion and expansion of the body and allows for a streamlined acquisition process since there is only one size. The Reactive Cummerbund is compatible with



their SIDE ARMOR BAGS and SIDE ARMOR BAG CAPS for use with hard and soft side armor. In an effort to consolidate logistical burden and create compatibility across brands for end users, the implementation of the #10 Zipper has been included into the LV-120. A strategic decision made in conjunction with Ferro Concepts, to create a "Universal Carrier Attachment Standard." This new zipper will limit the compatibility of legacy Spiritus back panel attachments but allow for future developments and cross-compatibility.

## **Attributes**

- Name: SPIRITUS SYSTEMS LV-120 PLATE CARRIER KIT - MEDIUM BLACK
- Manufacturer: SPIRITUS SYSTEMS
- Product no.: 430116553
- Mfr. No.: BU-LV120-BK-MD
- Colour: Black
- Delivery weight: 0.981kg
- Shipping height: 381mm
- Shipping width: 279mm
- Shipping length: 76mm

## **Item details**

Made in USA

# Table of Contents

- [Startpage](#)
- [English: Safety Instructions for the LV120 Plate Carrier Kit](#)

# Safety Instructions for the LV120 Plate Carrier Kit

## Introduction

Thank you for choosing the LV120 Plate Carrier Kit by Spiritus Systems. This product is designed for durability, adaptability, and comfort during use in various environments. To ensure your safety and the effective use of this product, please read and follow the safety guidelines and instructions provided below.

## General Safety Guidelines

- **Product Safety:** The LV120 Plate Carrier Kit is designed to meet safety standards for nonfood products. Ensure that you are familiar with the safety features and limitations of this product.
- **Enhanced Recalls:** In the unlikely event of a safety recall, you will be notified through standardized recall notices. Please ensure that you register your product to receive important updates.
- **Online Shopping:** If purchased online, ensure that the retailer complies with safety standards similar to those of physical stores.
- **Special Consumer Focus:** Extra precautions should be taken if the product is used by vulnerable groups, including children. This product is not intended for use by individuals under 18 years of age without adult supervision.
- **EU Contact Point:** For any safety inquiries related to this product, please consult the relevant EU-based contact point.
- **Rapid Alerts:** Stay informed about product safety updates through the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- **Weight Limit:** Do not exceed the load capacity of the carrier. The LV120 is designed for optimal performance with a maximum weight of 2.03 lbs for the Medium size. Overloading can compromise safety and performance.
- **Fit and Adjustment:** Ensure that the plate carrier is properly fitted and adjusted before use. The shoulder straps and cummerbund should be securely fastened to prevent shifting during movement.
- **Compatibility:** Only use plates that meet the specified dimensions for the LV120. Using incompatible plates may result in injury or failure of the carrier.
- **Inspection:** Regularly inspect the carrier for signs of wear, tear, or damage. If any issues are detected, discontinue use and contact customer support.
- **Environmental Conditions:** Avoid exposing the carrier to extreme temperatures or harsh chemicals, which may degrade the materials and compromise safety.

## Instructions for Installation and Usage

### 1. Fitting the Plate Carrier:

- Place the plate carrier on a flat surface.
- Insert the appropriate plates into the designated plate bags, ensuring they fit securely.
- Adjust the shoulder straps and cummerbund for a snug fit against the body.

### 2. Adjusting the Shoulder Straps:

- Locate the adjustment points on the shoulder straps.
- Pull the straps to achieve the desired height and comfort level.
- Ensure that the straps are not too loose, which may cause instability.

### 3. Attaching Accessories:

- Use the loop molle field on the front panel to attach placards or other mission-specific accessories.

- Ensure that all attachments are secure and do not interfere with movement.

#### 4. **Using the Reactive Cummerbund:**

- Adjust the cummerbund to ensure it sits comfortably around the waist.
- The cummerbund should be positioned to keep armor plates correctly aligned without compromising comfort.

#### 5. **Quick Release Functionality:**

- If using the LV120 Tubes Shoulder Strap (sold separately), follow the manufacturer's instructions for attachment and detachment.
- Practice the quickrelease mechanism to ensure familiarity before use in the field.

## **Disposal Instructions**

- **Environmental Considerations:** Dispose of the LV120 Plate Carrier Kit in accordance with local regulations regarding textile and plastic waste.
- **Recycling:** Where possible, recycle components of the carrier, including nylon and composite materials, to minimize environmental impact.
- **NonHazardous Waste:** The product does not contain hazardous materials; however, ensure that all disposal methods comply with local waste management policies.

## **Contact Information for Further Support**

For further assistance, please refer to the customer support section of the Spiritus Systems website or consult the retailer from whom you purchased the product.

Thank you for taking the time to read these safety instructions. Proper use and care of your LV120 Plate Carrier Kit will enhance your experience and ensure your safety.