

Price of complete hydraulic distribution box

Article Overview

Hydraulic distribution boxes typically range from \$150 to over \$2,000 depending on type, material, and customization.

Hydraulic distribution boxes, also known as hydraulic control boxes or manifolds, are essential for managing fluid flow and pressure in industrial, construction, agricultural, and marine applications . Prices vary widely based on several factors:

1. Type of Distribution Box

- o Manual boxes allow operators to adjust flow and pressure manually and are generally less expensive, often starting around \$150-\$300 .

- o Automatic boxes with sensors and controllers for self-regulating flow can cost \$500-\$1,500 or more .

- o Modular or high-pressure boxes designed for heavy-duty machinery or customizable configurations can exceed \$2,000, especially when built from high-strength steel or aluminum .

2. Material and Construction

- o Aluminum boxes are lighter and moderately priced.

- o Steel boxes, especially high-strength grades like 4140, are more durable and suitable for high-pressure applications, increasing the cost .

3. Number of Sections and Complexity

- o Single-station or simple manifolds are cheaper.

- o Multi-station or custom manifolds with multiple valve interfaces, cross-drilled passages, and precision machining can significantly increase the price .

4. Additional Features

- o Integrated sensors, electronic controls, or specialized coatings for marine or harsh environments add to the cost .

- o Rapid prototyping or custom engineering services may also increase the price but ensure precise fit and performance .

5. Supplier and Market

- o Wholesale suppliers like Alibaba offer a wide range of hydraulic control boxes, often at lower prices for bulk orders .

- o Specialized manufacturers providing ISO-certified, pressure-tested, and custom-engineered manifolds may charge a premium for quality and reliability .

Summary For standard industrial use, expect \$150-\$500 for basic manual boxes, \$500-\$1,500 for automatic or semi-automatic units, and \$1,500-\$2,500+ for high-pressure, modular, or custom hydraulic distribution boxes. Always consider system requirements, operating pressure, and environmental conditions when selecting a box to ensure long-term reliability .

Hydraulic distribution unit Range of application Hydraulic distribution units act as an interface between a constant hydraulic supply

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Price of complete hydraulic distribution box

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Specific Features : Control box for operating hydraulic booms thanks to double action hydraulic valves
Levelling,

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Choose from our selection of hydraulic manifolds, including right-angle flow rectangular manifolds, straight-flow rectangular

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