

Spring Balancer

This spring balancer, also known as a spring tool balancer, is designed to suspend tools and keep them within easy reach. It provides adjustable tension to balance the weight of the attached tool.



Product Overview

Ergonomic Tool Suspension

These spring balancers are designed to eliminate operator fatigue by making heavy hand tools feel virtually weightless. By adjusting the spring tension, tools can be effortlessly moved up and down during operation, significantly increasing productivity on assembly lines. Ideal for heavy equipment like welding guns, this device effectively provides a zero-gravity experience for the operator.

Technical Specifications

Load Capacity Range

0.3 kg

Minimum Capacity

400 kg

Maximum Capacity

Stroke Length

1.3 m

Minimum Stroke

3 m

Maximum Stroke

Applications

Typical Applications

Assembly Lines, Welding Stations, Heavy Tool Suspension, Industrial Manufacturing

Benefits

Key Advantages

- Reduces operator fatigue
- Increases production efficiency
- Extends the lifespan of suspended tools
- Provides zero-gravity handling for heavy equipment