

# Spring-Assisted Tool Balancer

Spring balancers enhance workplace ergonomics by counterbalancing the weight of handheld tools. This reduces operator fatigue and increases productivity in assembly lines and workstations.



## Product Overview

### Spring-Assisted Tool Balancer

This spring-assisted tool balancer is designed to suspend electrical, pneumatic, and hydraulic tools, effectively neutralizing their weight for the operator. By providing weightless tool handling, it significantly reduces labor intensity, prevents tool damage, and increases productivity on assembly lines. It is an ideal solution for welding, riveting, and assembly environments, helping to save factory space and improve overall operational efficiency.

## Technical Specifications

### Load Capacity Range

**1 kg**

Minimum Capacity

**400 kg**

Maximum Capacity

### Common Applications

- Vehicle body welding lines
- Rivet lines
- Engine assembly
- Motorcycle assembly
- Home appliance assembly

### Available Capacity Variants

#### Capacity Range (kg)

9-15

22-30

30-40

40-50

### Supported Tool Types

Pneumatic, Electric, Hydraulic

## Safety & Features

### Safety Features

No electrical danger • No pneumatic danger • Reliable operation • Prevents tool damage