

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